

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26089

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76116

June 21, 1982

UTAH STATE DIVISION
OIL-GAS & MINING
2441 State Office Bldg.
Salt Lake City, Utah 84114

RE: Well No. Indian Creek # 10176-5
Sec. 10 T17 R6E
Emery County, Utah

Gentlemen:

Enclosed herewith, please find our Application for Permit to drill on the captioned land. This tract is included in our Indian Creek Federal Unit area.

We acquired this lease via a Farmin Agreement from El Paso Exploration Company in January, 1981, and this will be our third well in the Indian Creek Unit area. The other two (2) wells are complete and shut-in awaiting pipe line connection.

Tentatively, we propose to start drilling operations during the later part of July or early August of 1982.

Your timely approval to this application will be greatly appreciated.

Very truly yours,

VORTT EXPLORATION COMPANY, INC.

Larry Watts
Larry Watts
Project Manager

LW/ck

encl. as stated

RECEIVED
JUN 30 1982

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 VORIT EXPLORATION COMPANY, INC.

3. ADDRESS OF OPERATOR
 P. O. Box 26089, Fort Worth, Texas 76116

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 2860' FSL & 220' FEL
 At proposed prod. zone
 Same

5. LEASE DESIGNATION AND SERIAL NO.
 U-15203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 -

7. UNIT AGREEMENT NAME
 Indian Creek

8. FARM OR LEASE NAME
 10176

9. WELL NO.
 10176-5

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
 Sec. 10, T17S R6E
 SLB & M

12. COUNTY OR PARISH
 Emery

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 12 Miles West of Huntington, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 10, 340' from West Line of Unit Boundary

16. NO. OF ACRES IN LEASE
 2,505.40

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 -

19. PROPOSED DEPTH
 6,750

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 8280 GL

22. APPROX. DATE WORK WILL START*
 8-1-82

SENE

DAKOTA

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5	300'	200 sacks class H light
10 3/4"	8 5/8"	24.0	2500'	300 sacks class H light
7 7/8"	5 1/2"	15.5	6750'	200 sacks class H light/ 100 sacks class H

Procedure:

1. Drill 17 1/2" Hole to 300' - set 300' of 13 3/8" casing & circulate cement to surface.
2. Drill 10 3/4" Hole to 2500'-If needed run 2500' of 8 5/8" casing.
3. Drill 7 7/8" Hole to 6750' - Run induction - density logs from total depth to 2500'.
4. If commercial 5 1/2" casing will be run and cemented across the production formation.

Exhibits:

- A Survey Plat & Cross Section
- B Ten Point Operations Plan
- C Multi-Point Surface Use Plan
- D Map No. 1
- E Map No. 2
- F Location Layout
- G Archaeological Survey

DECEIVED

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING JUN 30 1982
 DATE: 7/8/82
 BY: [Signature] DIVISION OF
 OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE PROJECT MANAGER DATE 6/21/82
 LARRY WATTS
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety					9		6	6 (7-27-82) ↓	4.8
Unique charac- teristics					9		6	6	4.8
Environmentally controversial					9		6	6	4.8
Uncertain and unknown risks					9		6	6	4.8
Establishes precedents					9		6	6	4.8
Relatively significant					9		6	6	4
National Register historic places					9				
Endangered/ threatened species					9				
Violate Federal, State, local, tribal law					9		6	6	4

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6
Approval of Operations

Attached to Form 9-331C
Company: Vortt Exploration Company, Inc.
Well: Indian Creek No. 5
Well Location: Section 10, T17S, R6E
County: Emery State: Utah

1. Geologic Surface Formation

Blackhawk

2. Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Blackhawk	Surface
Starpoint	733'
Upper Mancos	1195'
Emery	2274'
Middle Mancos	3710'
Bluegate	3864'
Ferron	5350'
Dakota	6650'
T.D.	6750'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Ferron	5350'	Possible Gas
Dakota	6650'	Possible Gas

4. The Proposed Casing Program

<u>Casing Size</u>	<u>lbs/ft</u>	<u>Grade</u>	<u>Coupling</u>	<u>Depth</u>
20"	94.	K-55	None	30'
13-3/8"	54.5	K-55	STC	300'
* 8-5/8"	24.	K-55	STC	2500'
5-1/2"	15.5	K-55	LTC	6750'

*The intermediate string of 8-5/8" casing will be set only if a troublesome water-flow is encountered.

5. The Operator's Minimum Specifications for Pressure Control

The Blowout Preventer System (diagram Exhibit "B-1") to be used consists of:

- 1-10" 3000 psi Shaffer Spherical
- 1-10" 3000 psi Shaffer Pipe Ram
- 1-10" 3000 psi Shaffer Blind Ram
- 1-Koomey Model GU2KB5S Series "G" Control Unit--3000 psi working pressure
- 1-National 3" x 3"--3000 psi working pressure choke manifold
- 1-Upper Kelly Cock
- 1-Lower Kelly Cock
- 1-Floor Safety Valve

6. The Type and Characteristics of the Proposed Circulating Medium

The proposed well is to be drilled with air. If water is encountered, we will go to mist drilling or aerated drilling by injecting drilling soap into the system. If conditions encountered in the hole force us to go to mud, a freshwater mud with gel for viscosity and Barite for weight. The viscosity and weight of such mud would be governed by hole conditions.

7. The Auxiliary Equipment to be Used

- (a) A Kelly Cock will be kept in the string
- (b) A stabbing valve will be on the floor to be stabbed into the drill pipe when the Kelly is not in the string.
- (c) A fire stop and fire float will be used near the bit to prevent down-hole fires during air drilling operations.

8. The Testing, Logging, and Coring Program to be Followed

- (a) A test is expected in the Ferron horizon, the primary objective. Other zones will be tested, as needed.
- (b) Dual Induction Log-T.D. to 2500'
Density Neutron Log-T.D. to 2500'
- (c) No coring or fracturing is planned, but, if tests show this treatment beneficial, then a layout and Sundry Notice Form 9-331 will be submitted.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area, nor at the depths anticipated in this well.

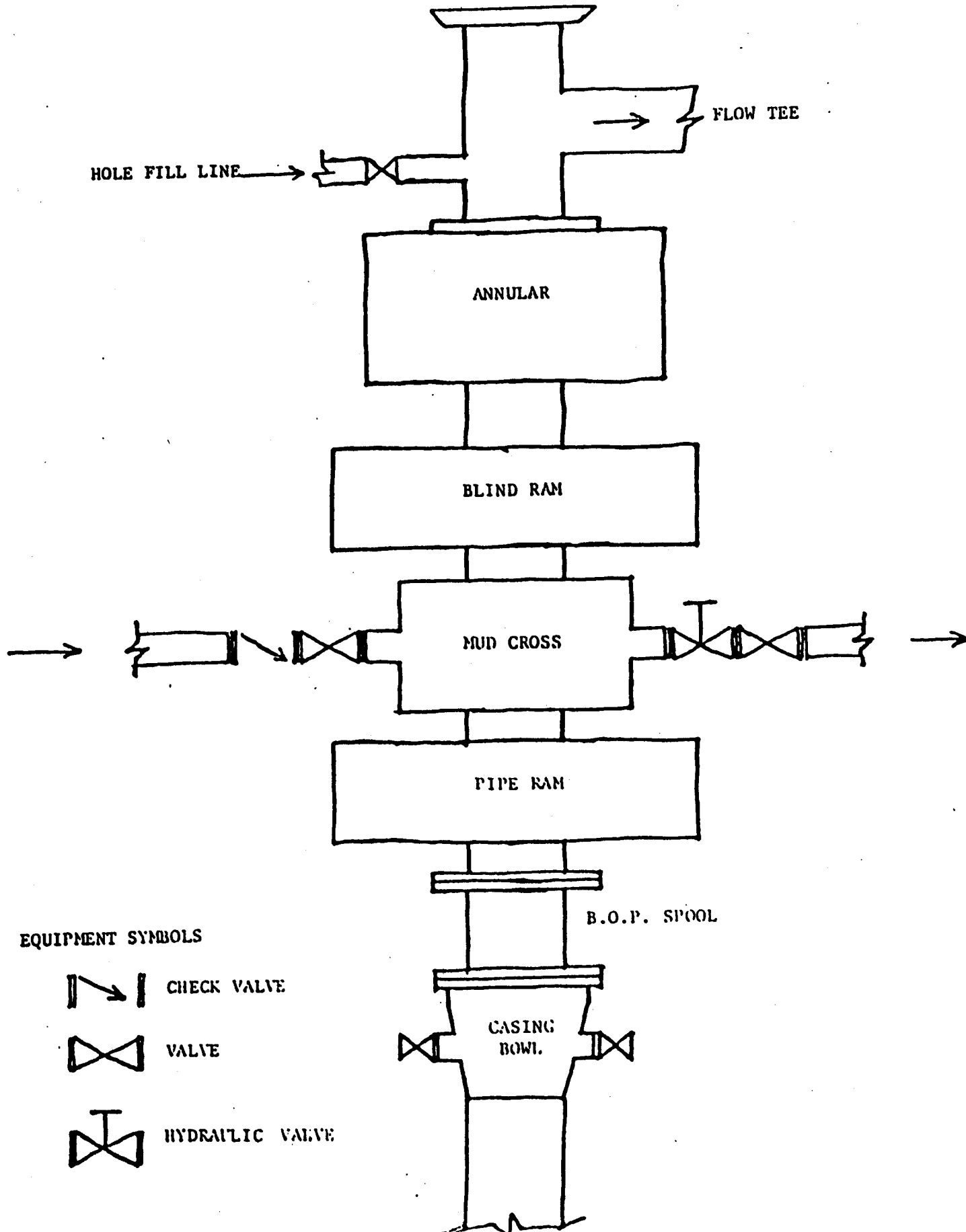
No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. The Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for as soon as possible after examination and approval of all drilling requirements.

The operations should be completed within 30 days after spudding the well.

B.O.P. DIAGRAM



VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26089

June 11, 1982

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76116

"EXHIBIT C"

MULTI-POINT SURFACE USE PLAN

INDIAN CREEK UNIT WELL NO. 10176-5

1. EXISTING ROADS

To reach Vortt Exploration Company's Well No. 10176 in Section 10, Township 17 South, Range 6 East you would use the existing road No. 040 Northward into Cottwood Canyon. This is the same road that we used to drill Indian Creek Well No. 02176-1. Overall, road No. 040 is in good condition and will be maintained in its current condition or better during the drilling operations. Frequent grading will be performed if necessary to keep the road in good condition. Refer to Map No. 1.

2. PLANNED ACCESS ROAD

A new road is planned from the existing road No. 040 to the drill site and should not exceed 500 feet in length. The grade of the access road will follow the local terrain and will be consistent with Forestry Service Engineering specifications for road work. However, the road surface will not exceed twenty feet in width. Upon completion, the access road will be improved with minimum cuts and fills with adequate drainage as required. The access road and well location will be graveled according to Forest Service Regulations. Only one gate will be used and its' location will be at the entrance to the drill site and will be installed only if the well proves to be commercial. Refer to Map No. 1.

3. LOCATION OF EXISTING WELLS

This well will be classed as a development well. However, the attached map will include a two mile and one mile radius from the proposed drill site showing all wells known in existence. Refer to Map No. 2.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Currently, there are no known tank batteries, production facilities and production gathering, or service lines within a one mile radius of the proposed well location. Should the well prove to be commercial it is proposed that a gas gathering line be layed to the location from the North along and near the existing road No. 040 as shown on the attached map. If any condensate is produced from the well a tank of

suitable size would be set on the location site. All production equipment such as well head, flow lines and etc. will be located within the site location. On any land that is disturbed and is no longer needed for any production facilities it will be rehabilitated according to Forestry Service Regulations. Refer to Map No. 1.

5. LOCATION AND TYPE OF WATER SUPPLY

This well will be drilled with air for the most part reducing requirements for water. Any water used would be brought in by truck or pumped from Cottonwood Creek. In either event only limited quantities of water would be required. No water wells will be drilled or used as a source of water.

6. SOURCE OF CONSTRUCTION MATERIALS

Pit run gravel from a commercial source will be used in the construction of the site location and access road. There is no anticipated usage of any materials from Federal or Indian lands except for existing soil material in the immediate area of the well site and access road. Road No. 040 shown on Map No. 1 will be used to transport materials to the site location.

7. METHODS FOR HANDLING WASTE DISPOSAL

All garbage and trash will be put into an enclosed wire trash container and hauled away on a periodic basis. The container will be situated on the drill site near the drilling operations. A Port-a-Potty will be provided for human waste. A reserve pit will be used to contain drill cuttings and fluids as they occur. Should an overabundance of fluids be encountered during drilling operations it will be hauled away by truck. After completion of drilling operations ample time should be allowed for pit drying before covering it up. General overall clean up will not be done until all completion work on the well has been completed.

8. ANCILLARY FACILITIES

No camps or airstrips will be used for this project other than a mobile trailer to be used by drilling and engineering consultants.

10. PLANS FOR RESTORATION OF SURFACE

After completion of the project the well site location will be restored as near as possible to original condition by grading the disturbed area and reseeding will be done in accordance and within the time frame as outlined by the Forestry Service. Any access roads will be returned to as near original condition as practical or left for use of the Forestry Service if so required.

11. OTHER INFORMATION

The terrain at the location is in a canyon surrounded on the East and West sides by relatively steep mountainous slopes. The canyon is rolling with intermittent sagebrush flats with large rocks and gullies in some areas. Location of the drill site is difficult due to the fact there are no real ideal spots for the location and substantial leveling will be required. There are almost no trees within the drill site location. The vegetation supports the local wildlife in the area although vegetation that would be consumed by the drill site would make little or no negative impact on the wildlife. The soil in the area is derived from limestone and sandstone. At certain times of the year there is hunting in the area and some camping. There are no human dwellings in several miles of the drill site location. There is an active coal mine located approximately four (4) miles South.

12. OPERATORS REPRESENTATIVES

Larry Watts
P.O. Box 26089
Fort Worth, Texas 76116
817-244-4201

Fred S. Reynolds, Jr.
Suite 2908
Fort Worth National Bank Bldg.
Fort Worth, Texas 76102
817-336-1742

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by VORIT EXPLORATION COMPANY, INC. and its contractors and subcontractors in conformity with this plan and conditions under which it is approved.

6/28/82
DATE

Larry Watts Project Manager
NAME AND TITLE

UTAH ARCHAEOLOGICAL RESEARCH CORPORATION • 87 E. CENTER, SUITE 103 • SPANISH FORK, UTAH 84660 • (801) 798-7061
FIELD OFFICE: P.O. BOX 1147 • MONTICELLO, UTAH 84535

SUBJECT: Archaeological Reconnaissance of One Proposed Well
Location in the Vicinity of Cottonwood Canyon,
Ferron District, Manti-LaSal National Forest,
Emery County, Utah

AUTHOR: Clayton W. Cook

DATE: June 10, 1982

PROJECT: Vortt Exploration-1982-1

PERMIT: Federal 81-Ut-181
Forest Special Use Permit

PREPARED FOR:

Mr. Larry Watts
Vortt Exploration Inc.
P.O. Box 26089
Fort Worth, Texas 76116

Mr. Steve Robinson
Ferron District
Manti-LaSal National Forest
Ferron, UTah

Mr. Jerry Wylie
Regional Archaeologist
National Forest Service
324 25th Street
Ogden, Utah 84401

Dr. David Madsen
Division of State History
300 South Rio Grande
Salt Lake City, Utah 84101

ARCHAEOLOGICAL RECONNAISSANCE OF ONE PROPOSED WELL
LOCATION IN THE VICINITY OF COTTONWOOD CANYON,
FERRON DISTRICT, MANTI-LASAL NATIONAL FOREST,
EMERY COUNTY, UTAH

ABSTRACT: Archaeological reconnaissance was conducted on approximately 5 acres of proposed well pad location in Cottonwood Canyon, Manti-LaSal National Forest. The action involved surveying the proposed area for the presence of cultural resources and evaluating the impact of the project on these resources. This was done in order to conform with pertinent laws governing the protection of national antiquities. The project itself will involve the leveling and construction of a suitable pad for the placement of a drilling rig and accompanying facilities. The proposed project is to be undertaken by Vortt Exploration of Denver, Colorado. The archaeological survey was conducted by Clayton W. Cook, Principal Investigator for Utah Archaeological Research Corporation.

PROJECT LOCATION: The proposed well location is situated at the junction of Cottonwood Canyon and Indian Lodge Canyon on the Ferron District. The legal description is:
Township 17 South, Range 6 East, Section 10
NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of NE $\frac{1}{4}$
UTM: Zone 12, 4357000mN, 481025mE

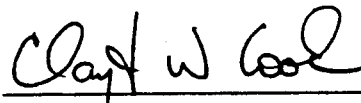
ENVIRONMENTAL SETTING: The project area is in the bottom of Cottonwood Creek Canyon which is a drainage of the Wasatch Mountains and more specifically, Trail Mountain. Vegetation in the area consists of Montane type with Quaking Aspen, sagebrush, and various conifers. Cottonwood Creek provides a good steady water supply to the canyon and one would suspect that the area would have been frequented by pre-historic peoples.

FILE SEARCH: A limited file search was conducted prior to entering the field at the UTARC office. A more extensive search was not possible due to the quickness required by the project. As mentioned, it was highly possible that the area was utilized for a subsistence basis both historically and prehistorically.

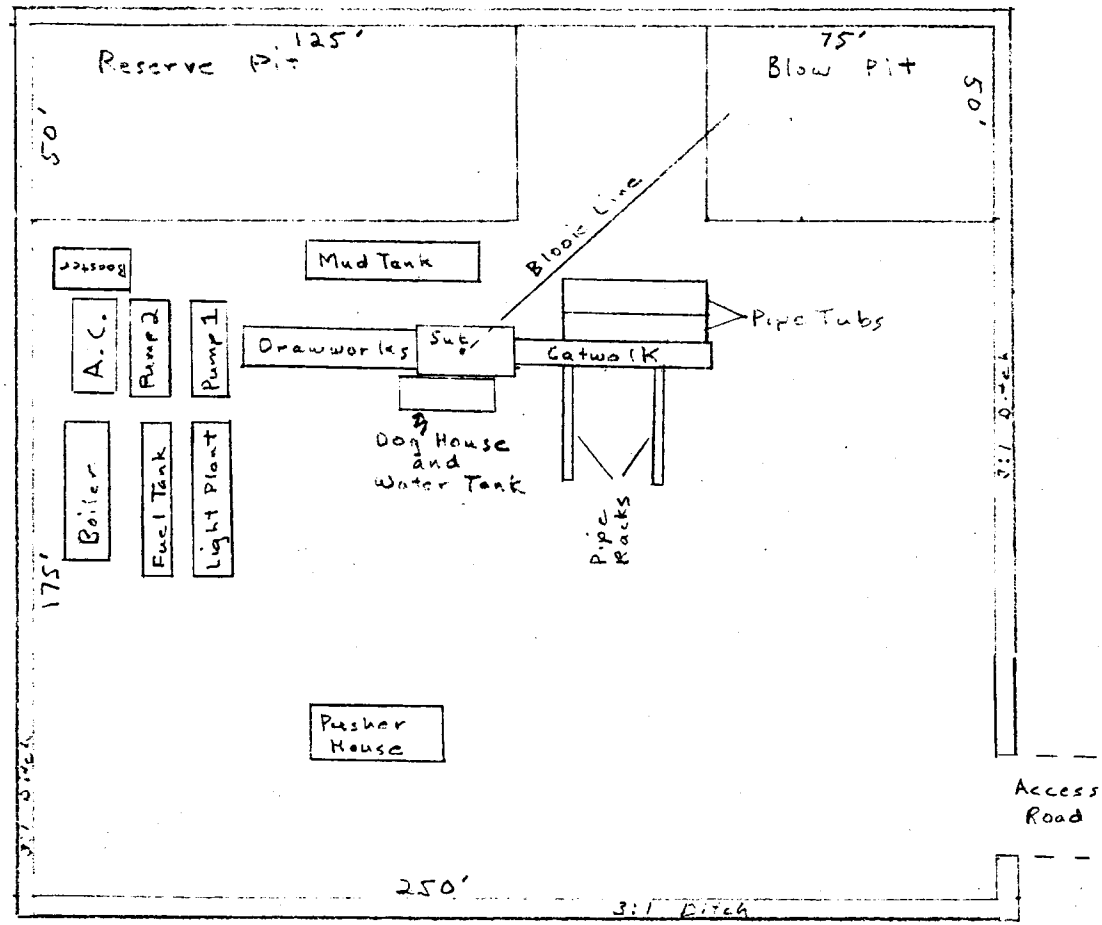
METHODOLOGY: Since the access to the location is along an existing upgraded road, survey of the access was not

necessary. The well pad itself was surveyed for cultural resources by walking parallel transects spaced at 15 foot intervals until the entire staked area had been covered.

RESULTS AND RECOMMENDATIONS: No cultural resources were encountered during the survey in the vicinity of the proposed well location. Upon completion of the survey a verbal report was given in person to Steve Robinson of the Ferron Ranger District. Since no cultural resources were found to be in danger of impact from the project, clearance is recommended for Vortt Exploration to continue with its project as scheduled.



Clayton W. Cook
Principal Investigator



Vortt Exploration Company, Inc.
 Indian Creek No. 5
 Section 10, T17S, R6E
 Emery County, Utah

Scale: 1" = 50'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

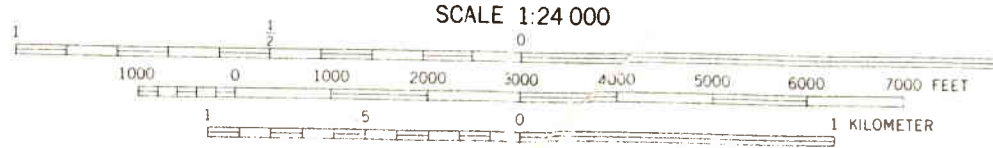
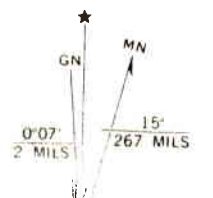


STATE OF UTAH
UTAH GEOLOGICAL AND MINERAL SURVEY





Digitized, and published by the Geological Survey
 U.S. Geological Survey, NOS/NOAA, and U.S. Forest Service
 Digitized using photogrammetric methods from aerial photographs
 Field checked 1974. Map edited 1979
 10,000-foot grid ticks: Utah
 Zone 12, central zone (Lambert conformal conic)
 meridian datum
 datum



CONTOUR INTERVAL 80 FEET
 DOTTED LINES REPRESENT 40 FOOT CONTOURS

SCALE 1:24 000
 R 6 E (THE CAP) R 7 E
 376: 11 NW

DESCRIPTION

LOCATED AT A POINT $N1^{\circ}02'W$, 220.00 FT. AND
 $S86^{\circ}55'W$, 220.00 FT. FROM THE EAST QUARTER
CORNER OF SECTION 10, T17S, R6E, S.L.B. & M.

UNDISTURBED GROUND ELEV. = 8231

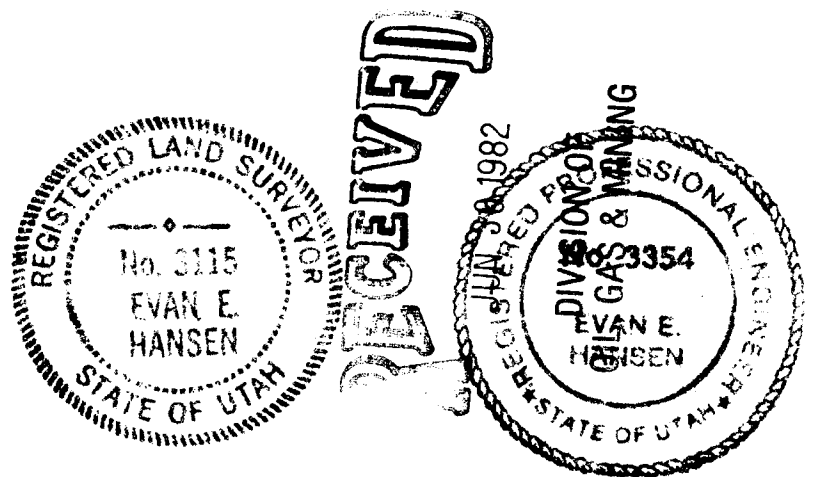
LEGEND

- ◇ INDICATES FOUND SECTION CORNERS.
- INDICATES CORNERS SEARCHED FOR BUT NOT FOUND.

BASIS OF BEARING

BASIS OF BEARING IS FROM SOLAR OBSERVATION TAKEN
ON JUNE 7, 1982. OBSERVATION TAKEN AT THE EAST 1/4
CORNER OF SECTION 10, T17S, R6E, S.L.B. & M.

DRILL HOLE FOR
No. 5 WELL



ENGINEER'S CERTIFICATE

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A
REGISTERED LAND SURVEYOR AND PROFESSIONAL
ENGINEER AS PRESCRIBED UNDER THE LAWS OF THE
STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE
A SURVEY AS DEPICTED ON THIS PLAT, AND THAT
IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWL-
EDGE.

Evan E. Hansen
EVAN E. HANSEN (L.S. 3115 & P.E. 33354)

6/17/82
DATE

EMPIRE ENGINEERING

66 NORTH 200 EAST - PRICE, UTAH

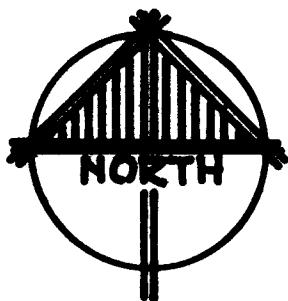
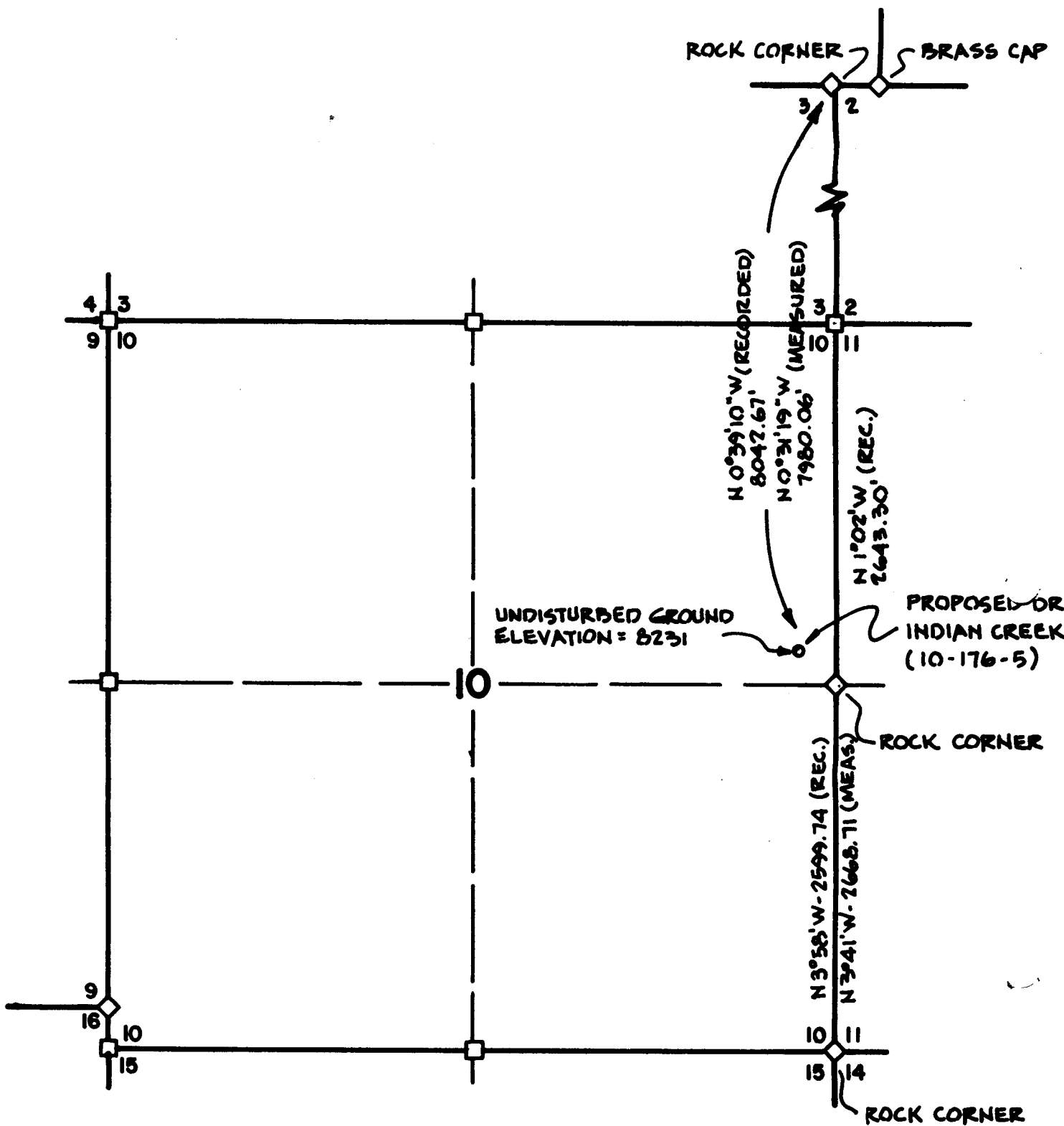
(801) 657-7498

VORTT EXPLORATION DRILL HOLE LOCATION MAP - INDIAN CREEK No. 5

DRAWN BY: B.L.P.	APPROVED BY: E.E.H.	DRAWING NO.
DATE: 6-17-82	SCALE: 1" = 1000'	

R 6 E

T 17 S



SCALE - 1" = 1000'

** FILE NOTATIONS **

DATE: July 7, 1982
OPERATOR: Vott Exploration Company, Inc.
WELL NO: Indian Creek #10176-5

Location: Sec. 10 T. 17S R. 6E County: Emery

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:

API Number 43-015-30117

CHECKED BY:

Petroleum Engineer: OK Unit well.

Director: _____

Administrative Aide: Unit well

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. _____ O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site

Lease Designation Plotted on Map

Approval Letter Written

Hot Line P.I.

July 8, 1982

VORTT Exploration Company, Inc.
P.O. Box 26089
Fort Worth, Texas 76116

RE: Well No. Indian Creek #10176-5
Sec. 10, T17S, R6E
Emery County

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953 and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

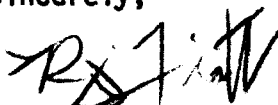
CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30117.

Sincerely,


RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure

X

file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
VORTI EXPLORATION COMPANY, INC.

3. ADDRESS OF OPERATOR
P. O. Box 26089, Fort Worth, Texas 76116

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At proposed prod. zone: Same

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17. NO. OF ACRES ASSIGNED TO THIS WELL
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20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
8280 GL

22. APPROX. DATE WORK WILL START*
8-1-82

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24. SIGNED Larry Watts TITLE PROJECT MANAGER DATE 6/21/82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE FOR E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR DATE AUG 25 1982

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State Oil & Gas

RECEIVED
AUG 26 1982
DIVISION OF OIL, GAS & MINING

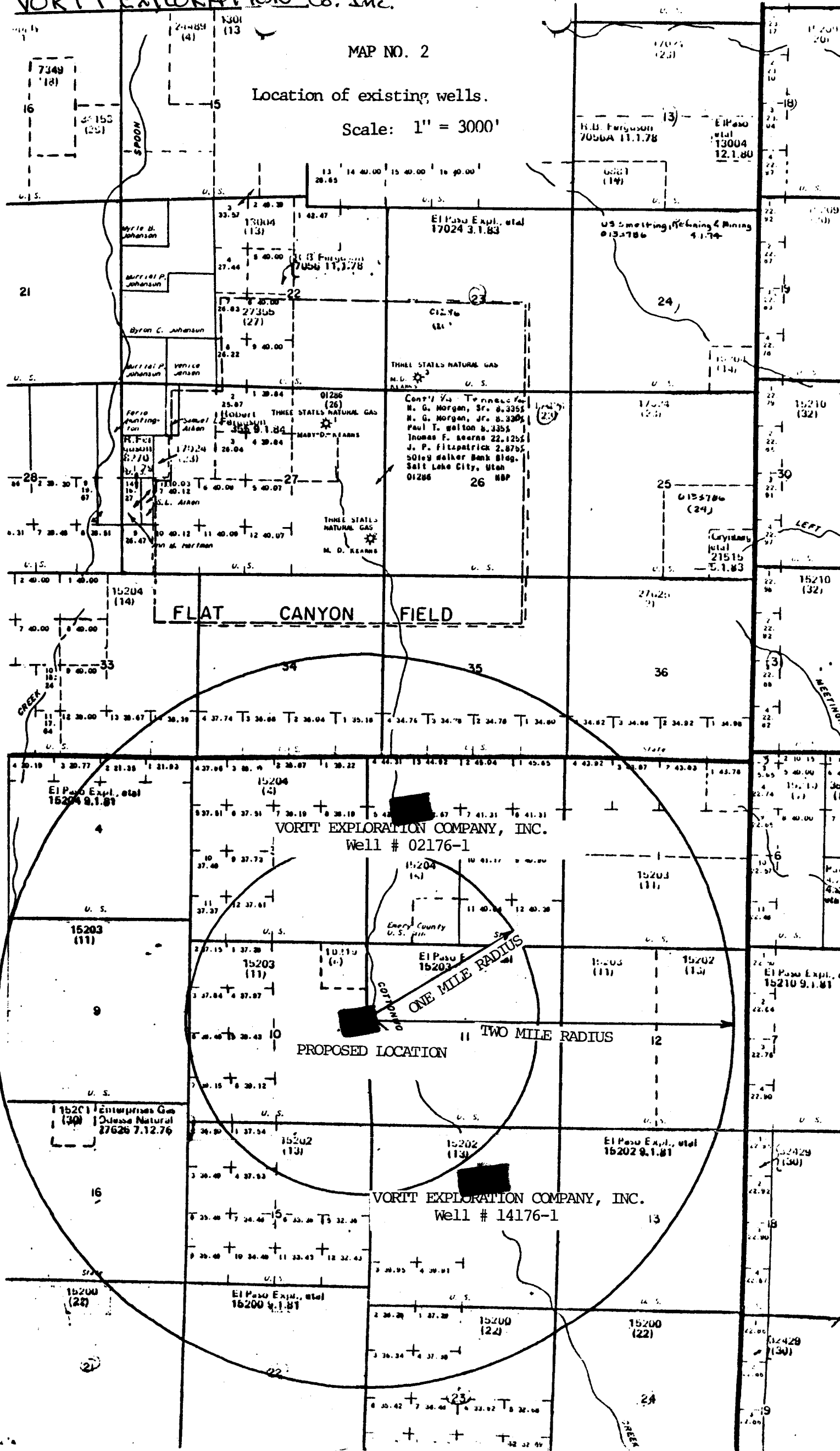
5. LEASE DESIGNATION AND SERIAL NO. U-15203
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Indian Creek JUN 30 1982
8. FARM OR LEASE NAME SALT LAKE CITY, UTAH
9. WELL NO. 10176
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T17S R6E SLB & M
12. COUNTY OR PARISH Emery
13. STATE Utah

VORTT EXPLORATION Co. Inc.

MAP NO. 2

Location of existing wells.

Scale: 1" = 3000'



FLAT CANYON FIELD

VORTT EXPLORATION COMPANY, INC.
Well # 02176-1

El Paso Expt. 15203
Enterprise Gas (30) | Dulles Natural 87626 7.12.76

VORTT EXPLORATION COMPANY, INC.
Well # 14176-1

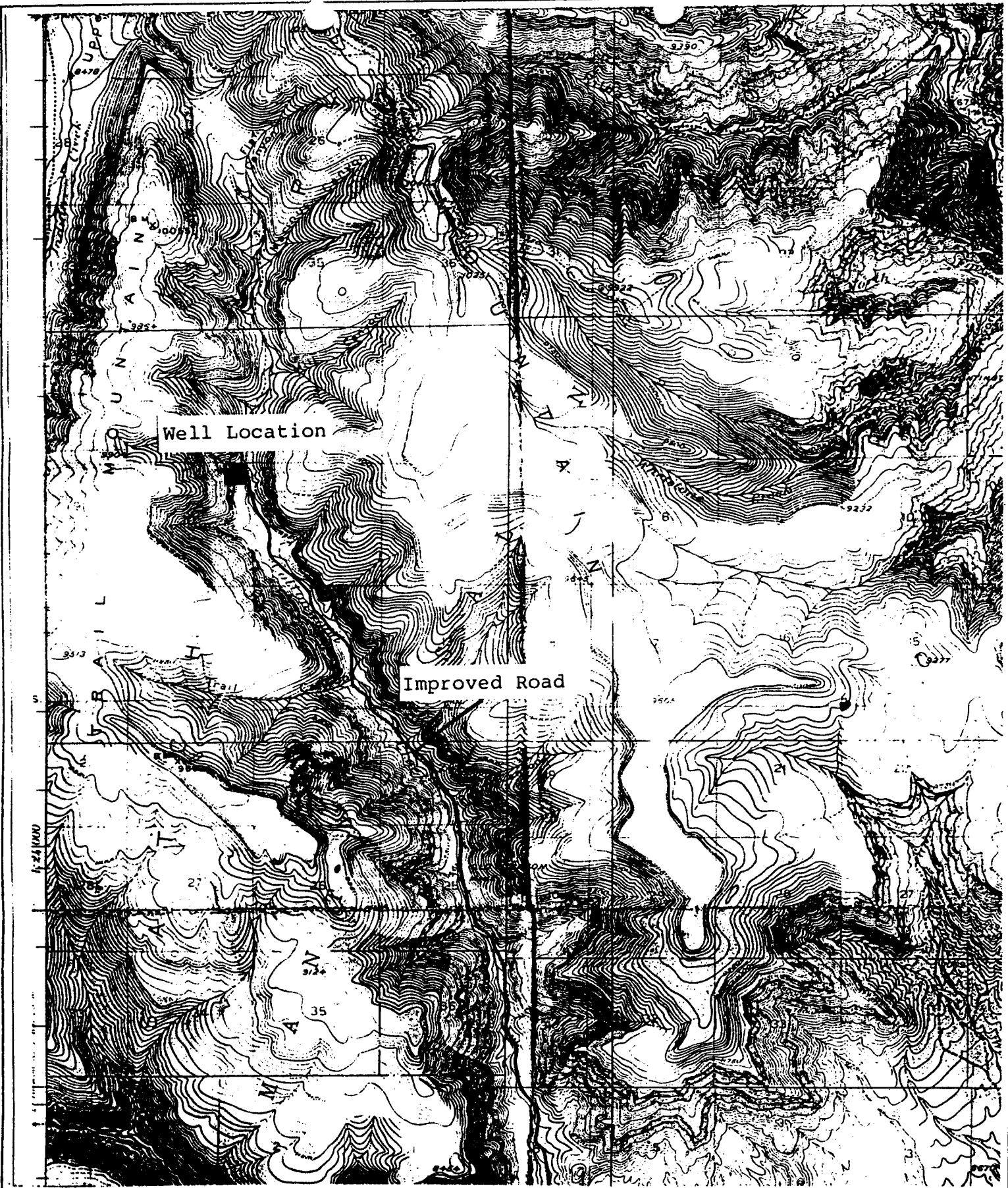
El Paso Expt., etal 15200 4.1.81

El Paso Expt., etal 15202 9.1.81

El Paso Expt., etal 15210 9.1.81

El Paso Expt., etal 15249 (130)

El Paso Expt., etal 15249 (130)



Vortt Exploration Well Location
Township 17 South Range 6 East Section 10 NE,NE,NE
UTM Zone 12 N4357000 E481025

U
T
A
R
C



United States Department of the Interior
 Minerals Management Service
 2000 Administration Building
 1745 West 1700 South
 Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator VORTT EXPLORATION COMPANY, INC.
 Project Type GAS WELL
 Project Location SEC. 10, T 17S, R 6E
 Well No. 10176-5 Lease No. U-15203
 Date Project Submitted 6-30-82

FIELD INSPECTION Date 7-27-82

Field Inspection Participants	<u>GEORGE DIWACHAK</u>	<u>MMS.</u>
	<u>CARTER REED, BRENT BARNEY</u>	<u>USFS</u>
	<u>STEVE ROBINSON</u>	<u>USFS</u>
	<u>LARRY WATTS</u>	<u>VORTT</u>
	<u>JOHN NIELSEN</u>	<u>NIELSEN CONTRACTING</u>
	<u>EVAN HANSEN</u>	<u>(SURVEYOR)</u>

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

7 28 1982
 Date Prepared

George J. Diwachak
 Environmental Scientist

I concur

AUG 23 1982
 Date

WJ Martin FOR E. W. GUYNN
 DISTRICT OIL & GAS SUPERVISOR
 District Supervisor

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS
9. ENVIRONMENTAL ASSESSMENT. VORIT EXPLORATION
Co., Inc Oil and Gas Well, COTTONWOOD CANYON,
MANTI, LASAL NATIONAL FOREST

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Manti-LaSal National Forest
599 West Price River Drive
Price, Utah 84501

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

2820
AUG 20 1982
August 19, 1982
SALT LAKE CITY, UTAH



Edgar W. Guynn
Minerals Management Service
Oil and Gas Operations
2000 Administration Bldg.
Salt Lake City, Utah 84104

Dear Mr. Guynn:

Enclosed is an approved Environmental Assessment for Vortt Exploration Company's proposed Indian Creek #5 Oil and Gas Well on the Manti-LaSal National Forest. This E.A. is our concurrence for approval of the subject APD, subject to the discussed stipulations.

Sincerely,

for
REED C. CHRISTENSEN
Forest Supervisor

Enclosure

RECOMMENDED STIPULATIONS
(FROM USFS, EA)

1. Topsoil will be removed and stockpiled at the beginning of site preparation.
2. All garbage will be hauled from the Forest and disposed of properly.
3. The site will be returned to the approximate original contour.
4. No camp sites will be permitted in Cottonwood Canyon.
5. Self-contained sanitation facilities shall be present at all times when crews are working at the site.
6. An eyebrow ditch will be constructed above all cut slopes to divert overland flow around the site.
7. Contaminated soils and gravel will be placed in the reserve pit and buried at the conclusion of drilling or hauled off National Forest lands and disposed of properly.
8. The permittees shall make their own arrangements for water. The Forest Service cannot approve a water source. Any surface disturbing water developments need Forest Service approval. The Forest Service must be notified of all water developments.
9. At the conclusion of drilling, the reserve pit will be fenced until dry to prevent livestock and wildlife from drinking the contaminated water.
10. At the conclusion of drilling topsoil will be redistributed after site reclamation and seeded with the following seed mix:

Crested Wheatgrass	4 lbs.
Western or Intermediate Wheatgrass	3 lbs.
Pubescent Wheatgrass	3 lbs.
Small Burnett	1 lbs.
Yellow Sweet Clover	<u>1 lbs.</u>
	12 lbs./ac.
11. Adequate fire suppression tools (at least one shovel or axe per person) must be kept at the site at all times. The permittee will be held responsible for any and all fires caused as a result of the drilling operation.
12. The drill pad shall be fenced with 4-strand barbed wire after it has been reseeded until the vegetation is established to prevent cattle from disturbing the site.

13. Drill rig break down and travel on the Cottonwood Road shall be coordinated with the livestock permittees to prevent problems with livestock removal from the Forest.
14. Any damage to range improvements (fences, cattleguards, etc.) shall be repaired immediately.
15. A Road-Use Permit is required prior to moving any heavy equipment over Forest Service roads. Any special stipulations concerning roads and public safety included in the Road-Use Permit, shall be made a part of the permit as well as the above stipulations.
16. The site will require fertilization at the time of reclamation to help assure vegetative re-establishment.
17. Site construction will be in accordance with "Guidelines for Oil and Gas Operations" unless specifically noted.
18. Move in or out of the drill rig will not be permitted on holiday weekends or big game hunting season opening weekend.
19. The access road leading to the pad from the Cottonwood Road must enter the pad area as near as possible to the hole location without interfering with earthwork volumes, acceptable grade, or critical drill rig layout. This will minimize the size of the pad left unreclaimed to support production facilities if the well becomes a producer.
20. A preconstruction meeting will be required after approval and staking before construction begins.
21. The diversion ditch, for the drainage channel, must be adequately sized to pass the 10-year precipitation event without failure or damage to the drill pad.
22. The diversion ditch may need to be "armored" to prevent erosion on the steeper grades.
23. That section of the Cottonwood Road from MP 4.33 to MP 4.55 must be stabilized by application of 4 inches of crushed aggregate or 6 inches of approved pit run gravel.
24. If operations extend into the wet season, the Cottonwood Road must be protected by placement of a minimum of four inches of crushed aggregate. Additional depth must be applied as needed to adequately support project vehicles. The wet season shall be established as that time when subgrade saturation results in rutting of the road surface. October 1 has been established as the beginning of the wet season. The roadbed must be stabilized for operations extending beyond this date.

NOTICE OF SPUD

Company: Worth Exploration

Caller: Fred Reynolds

Phone: Huntington 687-9888 Ln 6

Well Number: Indian Creek #5

Location: ^{SENE} Sec. 10-17S-6E

County: Letcher State: WV

Lease Number: U-15203

Lease Expiration Date: _____

Unit Name (If Applicable): Indian Creek

Date & Time Spudded: 9-3-82

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: Shelby Rig 3

Approximate Date Rotary Moves In: 9-9-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: DeLois

Date: 9-7-82

HOTLINE
21

RECEIVED
SEP 08 1982

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
VORIT EXPLORATION COMPANY, INC.

3. ADDRESS OF OPERATOR
P.O. Box 26089, Fort Worth, Texas 76116

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2860' FSL & 220' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

~~PULL OR~~ ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

SUBSEQUENT REPORT

RECEIVED

SEP 17 1982

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

5. LEASE
U-15203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Indian Creek

8. FARM OR LEASE NAME

9. WELL NO.
10176-5

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T17S, R6E
SLB & M

12. COUNTY OR PARISH Emery 13. STATE Utah

14. API NO.
43-015-30117

15. ELEVATIONS (SHOW DF, KDB, AND WD)
SLB 231

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- (1.) Water was encountered at 82' so we drilled 26" hole to 93' and cemented into place 93' of 20" conductor pipe.
- (2.) Drilled to 326' and set 326' of 13 3/8" - 54.5 lb./ft. surface casing. Cemented w/300 Sx 50/50 Pozmix with 4% gel & 1/4 lb./Sx Cellophane - Tailed in with 50 Sx. Class B cement w/3% Calcium Chloride. Cement top @ 40' below surface.

Subsurface Safety Valve: Manu. and Type --- Set @ --- Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Larry Watts TITLE Project Manager DATE September 14, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
VORTT EXPLORATION COMPANY, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 26089

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2860' FSL & 220' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-15203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
INDIAN CREEK

8. FARM OR LEASE NAME

9. WELL NO.
10176-5

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T17S, R6E
S1B & M

12. COUNTY OR PARISH
EMERY

13. STATE
UTAH

14. API NO.
43-015-30117

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL 8231

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) Progress Report

RECEIVED
SEP 28 1982
DIVISION OF
OIL, GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1.) Set 2202' 8 5/8" 24lb./ft, K-55 casing. Cement with 600 sx. 65/35 Pozmix with 6% gel & 1/4 lb. per sx. Cellophane. Tailed in with Class H cement with 2% calcium chloride. Circulated to top and had 60 bbls of cement returns. Completed cement job on 9-20-82.

2.) Drilling at 2757' on 9-22-82

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Larry Watts TITLE Project Manager DATE September 22, 1982
LARRY WATTS

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26089

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76116

October 20, 1982

~~Mr. Bill Martens
Minerals Management Service
District Resource Evaluation Office
2000 Administration Bldg.
1745 West, 1700 South
Salt Lake City, Utah 84104~~

RE: Indian Creek Well No. 10176-5
Indian Creek Unit
Emery County, Utah

Dear Mr. Martens:

In conformation of our telephone conversation requesting permission to T.D. our well 10176-5 at 5760 and run and cement 5½" long string casing I am sending attached to this transmittal letter a Sundry Notice describing proposed activities.

As I mentioned to you by phone we had drilled this well to 6,542 foot and became stuck in the hole. Several attempts were made to jar and pull fish out of the hole but were unsuccessful so a back off was made at 5,555 foot and a wash over operation was begun. Wash over was successful to 5832 and back off on the fish was made at that point. When going back in hole with next wash over considerable cave in was experienced and we pulled back up to 5,760 foot to condition hole with mud and we made the request to you to T.D. the hole at that point rather than take the chance of having a second fish stuck in the hole.

We appreciate your approval by phone and should you have any other questions please do not hesitate to call me.

Yours truly,

VORTT EXPLORATION COMPANY, INC.


Larry Watts
Project Manager

LW/ck

encl. as stated

✓cc: Mr. Cleon B. Feight
State of Utah
Oil & Gas Division

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
VORIT EXPLORATION COMPANY, INC.

3. ADDRESS OF OPERATOR
P.O. Box 26089, Fort Worth, Texas 76116

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2860' FSL & 220' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input checked="" type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>

(other)

5. LEASE
U-15203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Indian Creek

8. FARM OR LEASE NAME

9. WELL NO.
10176-5

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T17S, R6E
SLB & M

12. COUNTY OR PARISH Emery | 13. STATE Utah

14. API NO.
43-015-30117

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL-8231

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

REQUEST PERMISSION TO:

- T. D. Well @ 5,760
- Run 142 jnts 5 1/2" 15.5 lb/ft K-55 LTC Casing with (2) cement baskets in center of bottom 2 jnts and centralizers on collars of bottom 6 jnts with float shoe on bottom jnt. Run total footage of 5777.64 and land @ 5759.84'.
- Cement with 350 sx 50/50 pozmix. Estimate 20' cement plug @ bottom of casing shoe.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Larry Watts TITLE Project Manager DATE October 18, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

OCT 25 1982

DIVISION OF
OIL, GAS & MINING

m

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number INDIAN CREEK 10176-5

Operator VORIT EXPLORATION COMPANY, INC. Address P.O. Box 26089, Ft. Worth, TX 76116

Contractor SHELBY DRILLING INT'L., INC. Address 5350 S. Roslyn, Suite 300
Englewood, Colorado 80111

Location SE 1/4 NE 1/4 Sec. 10 T. 17 S R. 6 E County Emery

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	82'	92'	50 GPM	Fresh
2.	240'	316*	700 to 1000 GPM	Fresh
3.				
4.				
5.				

(Continue of reverse side if necessary)

RECEIVED
NOV 09 1982

Formation Tops

Emery 2262
Ferron 5612

DIVISION OF
OIL, GAS & MINING

Remarks * From 240' to 316' there were several sand stringers that produced varying amounts of water.

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



PRODUCTION ENGINEERING
STERLING, COLORADO

Name of Company VORFF EXPLORATION

Field Indian Creek Unit

County & State Emery, Utah

Lease & Well No. Indian Creek Unit #5

Elevation _____

Survey Datum- _____ Ft. or _____ Ft.

Type Survey 4 point DD & Buildup

Date of Survey November 10, 1982

BH Temp. 113 °F at 5620 ft.

Well Shut In 6:00 P. M. 11-6 1982

Bomb On Bottom 12:53 P. M. 11-10 1982

BOMB NO. 10593N CALIB NO. 11-1-82
12781

24 HRS. = 5 INCHES

FLOWING				
DEPTH	DEFLECT	PRESSURE (PSIG)	PRESSURE DIFFERENCE	PSIG/FT. GRADIENT

STATIC				
DEPTH	DEFLECT	PRESSURE (PSIG)	PRESSURE DIFFERENCE	PSIG/FT. GRADIENT
LUBE	0.627	975		
1000	0.651	1013	38	0.038
2000	0.674	1048	35	0.035
3000	0.695	1081	33	0.033
4000	0.717	1116	35	0.035
4500	0.728	1133	17	0.034
5000	0.739	1150	17	0.034
5600	0.754	1174	24	0.040
5620	0.755	1175	1	0.050

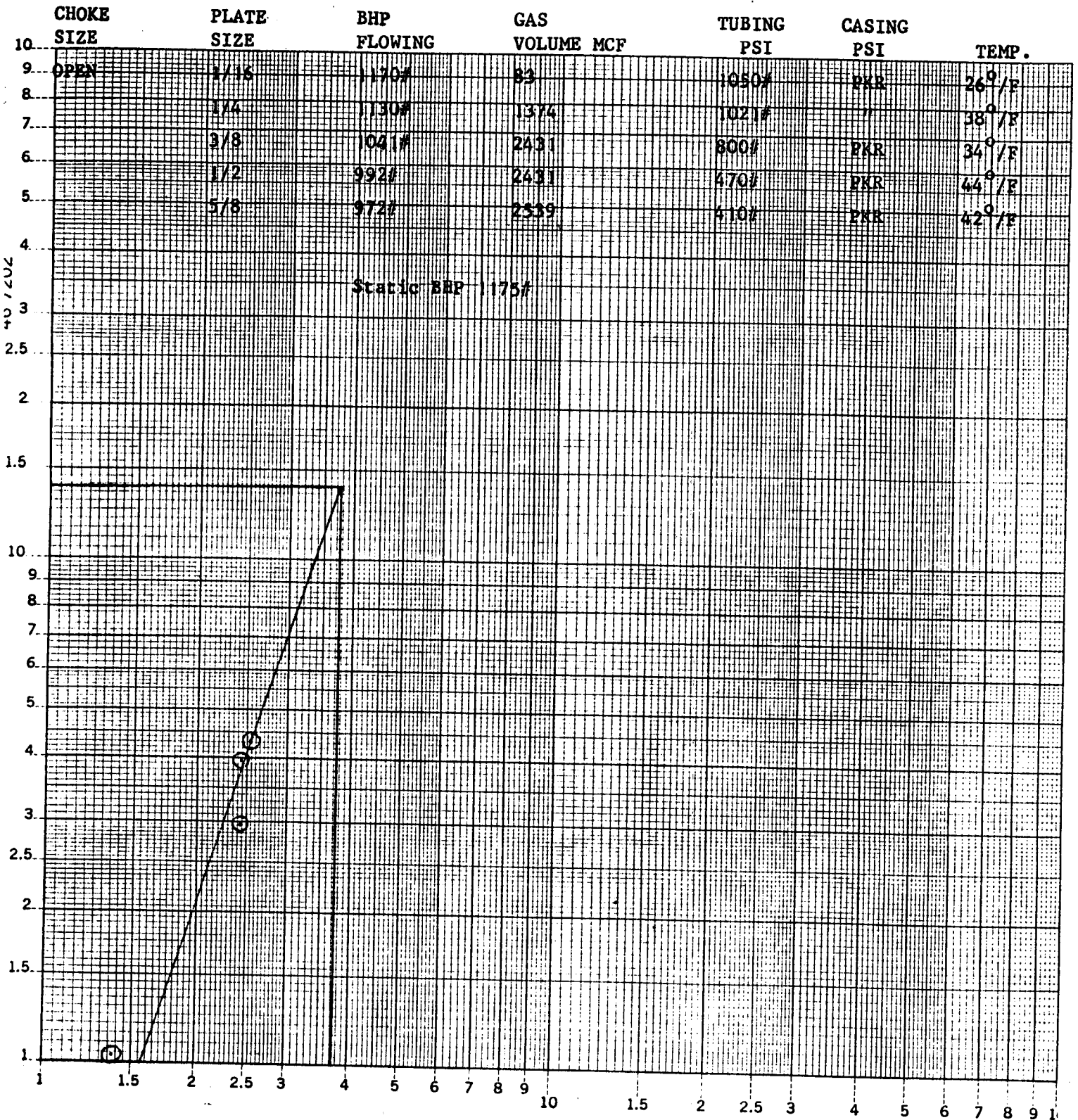
No fluid

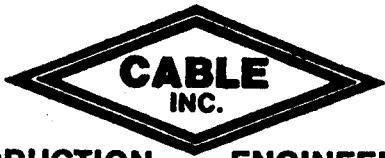
BUILDUP					
PT. NO.	PRES. DEF.	PRES. (PSIG)	TIME	TBG. PRES.	CSG. PRES.
1	0.755	1175	0		
2	0.752	1170	30 min	} flowing 30 min froze off 1/16 Back on orifice bottom	
3	0.754	1173	0		
4	0.739	1150	20 min		
5	0.734	1142	40 "		
6	0.732	1139	1 hr	} 1/4 orifice	
7	0.729	1135	1:20		
8	0.729	1135	1:40		
9	0.726	1130	2:00	} 3/8 orifice	
10	0.726	1130	0		
11	0.696	1083	20 min		
12	0.686	1067	40 "	} 1/2 orifice	
13	0.681	1059	1 hr		
14	0.677	1053	1:20		
15	0.672	1045	1:40	} 1/2 orifice	
16	0.669	1041	2:10		
17	0.669	1041	0		
18	0.635	988	20 min		
19	0.627	975	40 "		

BUILDUP					
PT. NO.	PRES. DEF.	PRES. (PSIG)	TIME	TBG. PRES.	CSG. PRES.
20	0.625	972	1 hr	} 1/2 orifice	
21	0.626	973	1:20		
22	0.628	977	1:40		
23	0.635	988	2:00	} 5/8 orifice	
24	0.638	992	2:35		
25	0.638	992	0		
26	0.623	969	20 min	} 5/8 orifice	
27	0.625	972	40 "		
28	0.626	973	1 hr		
29	0.626	976	1:20	} 5/8 orifice	
30	0.625	972	1:40		
31	0.625	972	2:00		
32	0.625	972	2:40	} 5/8 orifice	
33	0.625	972	0		
34	0.666	1036	20 min		
35	0.674	1048	40 "	} 5/8 orifice	
36	0.678	1055	1 hr		
37	0.682	1061	1:20		
38	0.685	1066	1:40		

NAME OF COMPANY - VorFF Exploration
 WELL NAME - Indian Creek it #5
 COUNTY & STATE - Emery, U n
 DATE - November 10, 1982

Gas gravity est. .70





PRODUCTION ENGINEERING

Sterling, Colorado 80751

WELL TESTING DATA

Date of Test November 10, 19 82

Lease INDIAN CREEK UNIT Well No. 5 Company Vorff Exploration

Field _____ County Emery State Utah Location _____

Production Casing _____ Wt. _____ Set At _____ Perf. _____ To _____

Tubing Size 2 3/8 Set At _____ Perf. 5627 To 5632 5649

Meter Run _____ Conn. _____ Well Shut-in 11-6-82 6:00 PM Shut-in Pressure _____
Before or After) Csg. pressure PKR psig.

Gravity _____ BHT _____ Tbg. pressure 1050 DWT psig.

Test Run on: ~~XXXXXX~~ Tubing, ~~XXXXXX~~ (Cross out those not applicable)

Other remarks about test set-up: _____

OBSERVATIONS

Date	Time	Orif. Size	Flow. Temp.	Meter or Prover Pressure psig.	Diff. hw Inches of Water	Wellhead Working DWT psig.		Choke Size	Remarks
						Tbg.	Csg.		
11-10-82	1:10 P	1/16	26	1003		1050	PKR	wide open	
	1:40	↓	22	1003		1050	↑	↑	
	2:30	↓							
	3:30	1/4	26	997		1021			come out of hole check
	4:00	↓	38	997		1021			values trip back in 1455.40
	4:30	↓	38	995		1021			1455.40
	5:00	↓	38	995		1021			1452.53
	5:30	↓	38	995		925			1452.53
	5:40	3/8	28	883		850			2825.37
	6:10	↓	38	800		830			2564.06
	6:40	↓	36	800		820			2564.06
	7:10	↓	36	800		800			2564.06
	7:40	↓	34	800		800			2564.06
	7:45	1/2	30	625		660			3622.01
	8:45	↓	30	550		590			3197.16
	10:15	↓	44	442		470			2585.37
	11:00	5/8	44	350		370			3122.69
	12:00 A	↓	42	300		340			2694.22
	1:00 A	↓	42	300		410	shut	well in	2694.22

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

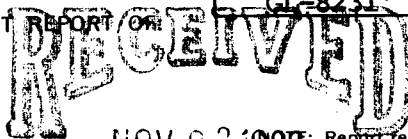
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

- 1. oil well gas well other
- 2. NAME OF OPERATOR
VORIT EXPLORATION COMPANY, INC.
- 3. ADDRESS OF OPERATOR
P. O. Box 26089, Fort Worth, TX 76116
- 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2860' FSL & 220' FEL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME
- 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- REQUEST FOR APPROVAL TO:
- TEST WATER SHUT-OFF
 - FRACTURE TREAT
 - SHOOT OR ACIDIZE
 - REPAIR WELL
 - PULL OR ALTER CASING
 - MULTIPLE COMPLETE
 - CHANGE ZONES
 - ABANDON*
 - (other)

SUBSEQUENT REPORT OF

-
-
-
-
-
-
-
-



NOV 23 1982

NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

- 5. LEASE
U-15203
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- 7. UNIT AGREEMENT NAME
INDIAN CREEK
- 8. FARM OR LEASE NAME
- 9. WELL NO.
10176-5
- 10. FIELD OR WILDCAT NAME
Wildcat
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T17S, R6E
SLB & M
- 12. COUNTY OR PARISH
Emery
- 13. STATE
UTAH
- 14. API NO.
43-015-30117
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL-8231' KB-8242

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Completion Interval: Perforated the following intervals, with 2SPF:, 5663'-5668'. 1 SPF: 5639'-5649', 5627'-5632'.

Stimulation: Acidized with 250 gallons 7½% HCL with corr. Inhibitors and other additives.

Hydraulic fractured the well with 50,000 gals. 40 lb/gal. Apollo gel with a 2% KCI base, 50 tons CO₂ and 65,000 lbs 20-40 sand.

Remarks: Left in hole 17-6½" x 2" drill collars, 1 daley drilling jar and 4 jnts 4½" 16.60 lb/ft drill pipe from depth of 6511' to 5832'.

Subsurface Safety Valve: Manu. and Type

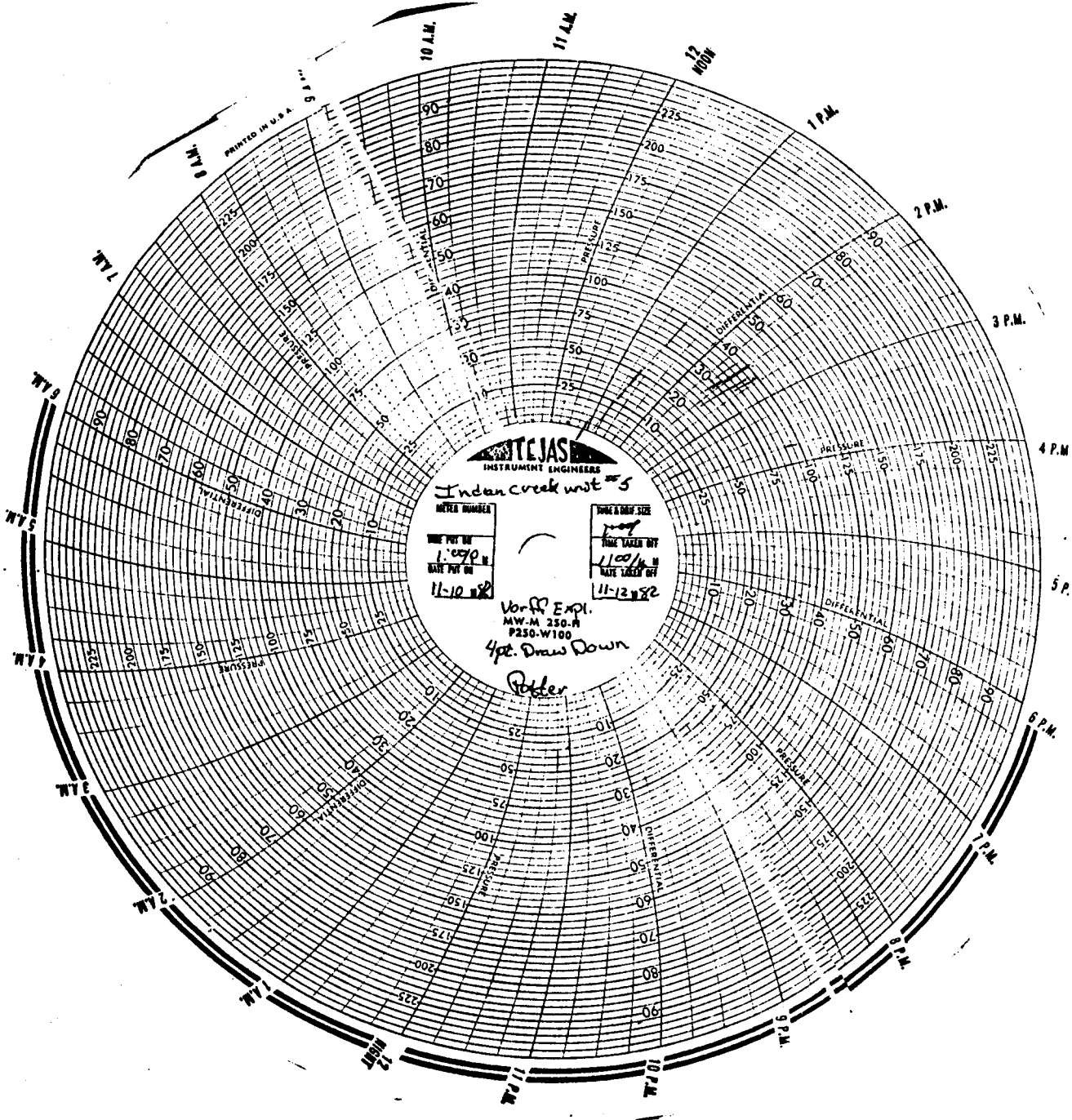
Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Larry Watts TITLE Project Manager DATE November 15, 1982
LARRY WATTS

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



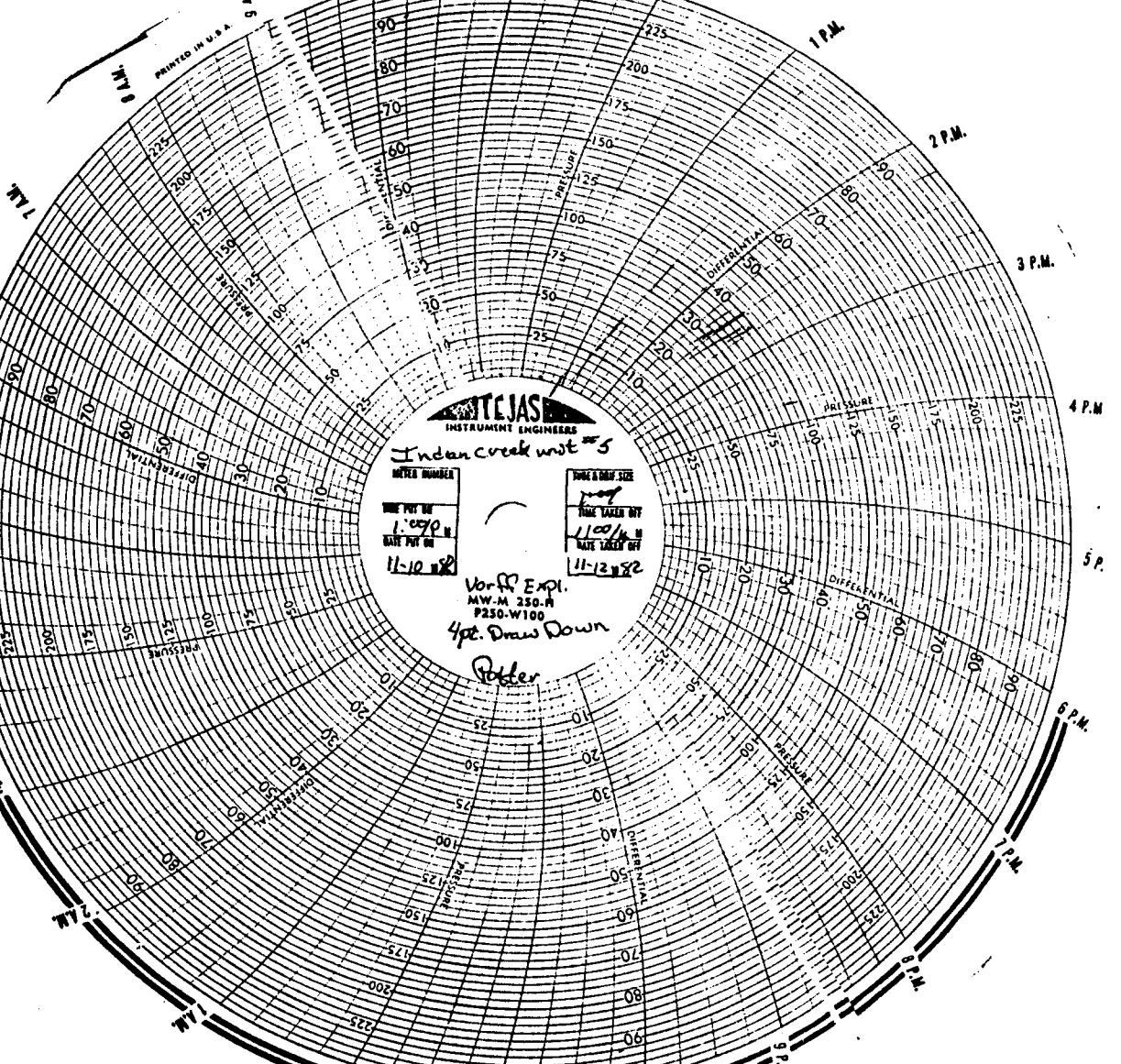
PRINTED IN U.S.A.

10 A.M. 11 A.M. 12 NOON

1 P.M. 2 P.M. 3 P.M. 4 P.M. 5 P.M.

6 P.M. 7 P.M. 8 P.M. 9 P.M. 10 P.M.

11 A.M. 12 NOON 1 P.M. 2 P.M. 3 P.M. 4 P.M. 5 P.M. 6 P.M. 7 P.M. 8 P.M. 9 P.M. 10 P.M.



VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26089

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76110

November 24, 1982

RECEIVED

NOV 29 1982

DIVISION OF
OIL, GAS & MINING

Mr. Ronald G. Firth
State of Utah
Oil-Gas-Mining Division
4241 State Office Bldg
Salt lake City, Utah 84114

Dear Mr. Firth:

Enclosed you will find the completion report and test data for our Indian Creek Well #10176-5 in Emery County, Utah.

If you have any further questions please do not hesitate to contact me.

Yours truly,

VORTT EXPLORATION COMPANY, INC.

Larry Watts

Larry Watts
Project Manager

LW/ck

encl. as stated

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6

3
8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

U-15203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Indian Creek

8. FARM OR LEASE NAME

9. WELL NO.

10176-5

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 10, T17S, R6E
S1B & M

12. COUNTY OR PARISH

Emery

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR

VORIT EXPLORATION COMPANY, INC.

3. ADDRESS OF OPERATOR

P.O. Box 26089, Fort Worth, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2860' FSL & 220' FEL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO. DATE ISSUED
43-015-30117 | 7-8-1982

RECEIVED
NOV 29 1982

DIVISION OF
OIL, GAS & MINING

15. DATE SPUDDED 9-11-82 16. DATE T.D. REACHED 10-19-82 17. DATE COMPL. (Ready to prod.) 11-3-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL-8231' KB 8242' 19. ELEV. CASINGHEAD 8233'

20. TOTAL DEPTH, MD & TVD 6582' 21. PLUG, BACK T.D., MD & TVD 5726' 22. IF MULTIPLE COMPL., HOW MANY* Single 23. INTERVALS DRILLED BY → 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5627'-5632' 1 SPF, 5639'-5649' 1 SPF, 5663'-5668' 2 SPF (FERRON) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Focused, Compensated Densilog, Compensated Neutron with Gamma-Ray and Acoustic Cement Bond Log 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	Conductor	93'	26"	200sx class B, 200sx 50/50	Pozmix --
13 3/8"	54.5	324'	17 1/2"	300sx 50/50 Pozmix, 50sx Class B	--
8 5/8"	24	2202'	11"	600sx 65/35 Pozmix with 6% Gel	--
5 1/2"	15.5	5760'	7 7/8"	350sx 50/50 Pozmix	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
			NONE		SIZE DEPTH SET (MD) PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

5627' - 5632'	1 SPF	5 Holes
5639' - 5649'	1 SPF	10 Holes
5663' - 5668'	2 SPF	10 Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5627'-5632'	Acidized with 250 gal. 7 1/2% HCl
5639'-5649'	with inhibitors & Hyd. fractured
5663'-5668'	with 50,000 gals. of 40lb/gal Apollo gel with 2% KCl Base, 50 Tons CO ₂ &

33.* PRODUCTION 65,000 #20-40 sand.

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
W.O. Pipeline	Flowing	Shut-in					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-10-82	12	Various	→	0	750	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
410#	Pkr	→	0	3620	0	--	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY Jay Jensen, Larry Watts

35. LIST OF ATTACHMENTS Complete 4 point test with charts

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Larry Watts TITLE Project Manager DATE 11-24-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Emery	2262	2362	Dry
Ferron	5612	5750	Gas
			TOP
			MEAS. DEPTH
			TRUE VERT. DEPTH
			NAME
			1st Blackhawk Star Point Upper Mancos Emery Middle Mancos Ferron
			300 710 1130 2262 3700 5612

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26089

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76106

November 30, 1982

STATE OF UTAH
ATTENTION: Mr. Ronald S. Firth
Oil-Gas-Mining Division
4241 State Office Building
Salt Lake City, Utah 84114

RE: Electric Well Logs for Indian Creek
Unit Well No. 10176-5
In Emery County, Utah
VORTT EXPLORATION COMPANY, INC.
Unit Operator
1756 E Sec 10

Dear Mr. Firth:

Enclosed kindly find one set of electric well logs covering the
above referenced well.

Yours very truly,

VORTT EXPLORATION COMPANY, INC.

Larry Watts
Larry Watts
Project Manager

LW/ck

encl. as stated

RECEIVED
DEC 03 1982

DIVISION OF
OIL, GAS & MINING

FORM NO. DOGM-UIC-7

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED

AUG 08 1986

RULE I-9

DIVISION OF OIL
GAS & MINING

NOTICE OF TRANSFER OF OWNERSHIP

081905

Classification of Well Transferred: Gas Well Disposal Well Enhanced Recovery Injection Well

Name of Present Operator Vortt Exploration Company, Inc.

Address P. O. Box 26089, Ft. Worth, TX 76116

Well Being Transferred:

Name: Indian Creek 10176-5

43.015.30117

Location: Sec. 10 SE/4 Twp. 17S Rng. 6E County Emery
NE/4

Order No. Authorizing Injection N/A Date _____

Zone Injected Into: N/A

Effective Date of Transfer February 1, 1986

Signature _____

Date _____

Name of New Operator Southland Royalty Company

Address P. O. Box 1855, Billings, MT 59103-1855

W. H. Brauer
Signature of New Operator PRODUCTION SUPERINTENDENT

August 6, 1986
Date

FOR DOGM USE ONLY

It is acknowledged by the Division of Oil, Gas, and Mining that _____
is the new operator of the above-named well and may:

- 1. continue to inject fluids as authorized by Order No. _____
- 2. not inject fluids until after Notice, Hearing, and Approval by the Division

Signature _____ Date _____

FILE IN TRIPLICATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-15203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

East Mountain Unit

8. FARM OR LEASE NAME

9. WELL NO.

10176-5

10. FIELD AND POOL, OR WILDCAT

Indian Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 10, T17S, R6E

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

MERIDIAN OIL INC.

3. ADDRESS OF OPERATOR

P. O. Box 1855, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

SENE (2860' FSL - 220' FEL)

DIVISION OF
OIL, GAS & MINING

RECEIVED
FEB 28 1989

14. PERMIT NO.

43-015-30117

15. ELEVATIONS (Show whether DP, RT, OR, etc.)

8242' KB

12. COUNTY OR PARISH

Emery

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Change of Operator

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective August 21, 1987, Meridian Oil Inc. is Operator of East Mountain Unit.

3/3/89

This is not an operator name change per Bill Mitchell of Meridian. Abelle

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Bruce

TITLE Production Superintendent

DATE 2/24/89

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BLM (3), UOG&M (3), BMR, DEO, File

*See Instructions on Reverse Side

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	11075	2585	43-015-30231	E MOUNTAIN UNIT 32-23	SWNE	23	16S	6E	EMERY	9-16-89	1-2-96

WELL 1 COMMENTS: ***EAST MOUNTAIN UNIT/FERRON P.A. EFF 10-15-87
(INDIAN CREEK 1,3 & 5 FR SOUTHLAND ROYALTY TO MERIDIAN OIL EFF 1-2-96/UNIT WELLS "FERRON A P.A./ENTITY 2585")**

C	10789	2585	43-015-30230	13-35 EMU HRE FEDERAL	NWSW	35	16S	6E	EMERY	9-11-87	1-2-96
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WELL 2 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 3 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 4 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 5 COMMENTS:

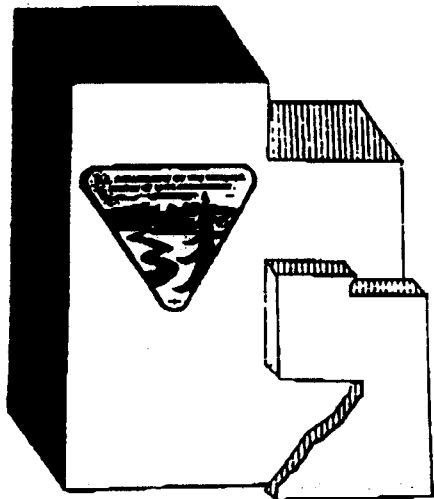
- ACTION CODES (See Instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

L. CORDOVA (DOGM)

 Signature
ADMIN. ANALYST **1-16-96**

 Title Date
 Phone No. () _____



FAX TRANSMITTAL
MOAB DISTRICT OFFICE

TO: Lisha

FROM: Urbane

SUBJECT: Meridian Oil Inc.
operator of East Mountain

NUMBER OF PAGES: 3
(including Cover Sheet)

DATE: 2/6/96

TIME: 1 P.M.

FAX MACHINE NO.: _____

COMMENTS: call me if you have
questions, of course. Thanks!
Urbane

Bureau of Land Management
Branch of Fluid Minerals (U-922)
324 South State Street
Salt Lake City, Utah 84111-2303

RECEIVED
MOAB DISTRICT OFFICE
1988 FEB 25 AM 9:08
BUREAU OF LAND MANAGEMENT
3160
(U-922)

February 22, 1988

Meridian Oil Co.
5619 D.T.C. Parkway
Englewood, Colorado 80111

Gentlemen:

The Initial Ferron "A" Participating Area - East Mountain Unit is hereby approved effective as of October 15, 1987, pursuant to Section 11 of the East Mountain Unit Agreement, Emery County, Utah.

The application establishes an Initial Ferron "A" Participating Area of 344.72 acres, and is based upon the completion of unit well No. 13-35 in the NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 35, T. 16 S., R. 6 E., unit tract No. 22, Federal lease No. U-56933 which had an initial production of 2,041.4 MCFPD from the Ferron Formation on October 15, 1987.

The First Revision to the Ferron "A" Participating Area - East Mountain Unit is hereby approved effective as of October 15, 1987, pursuant to Sections 11 and 33 of the East Mountain Unit Agreement.

The First Revision of the Ferron "A" Participating Area results in the addition of 892.76 acres to the participating area for a total of 1,237.48 acres. The Revision is based on the existing Ferron Participating Area, Indian Creek Unit.

* In accordance with Section 11 and 33 of the East Mountain Unit Agreement, the Indian Creek Unit No. 14-08-0001-19628 automatically terminated October 15, 1987, and the lands within the associated participating area are now incorporated and subject to the East Mountain Unit Agreement.

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the establishment and First Revision of the Ferron "A" Participating Area - East Mountain Unit and the effective date.

Sincerely,

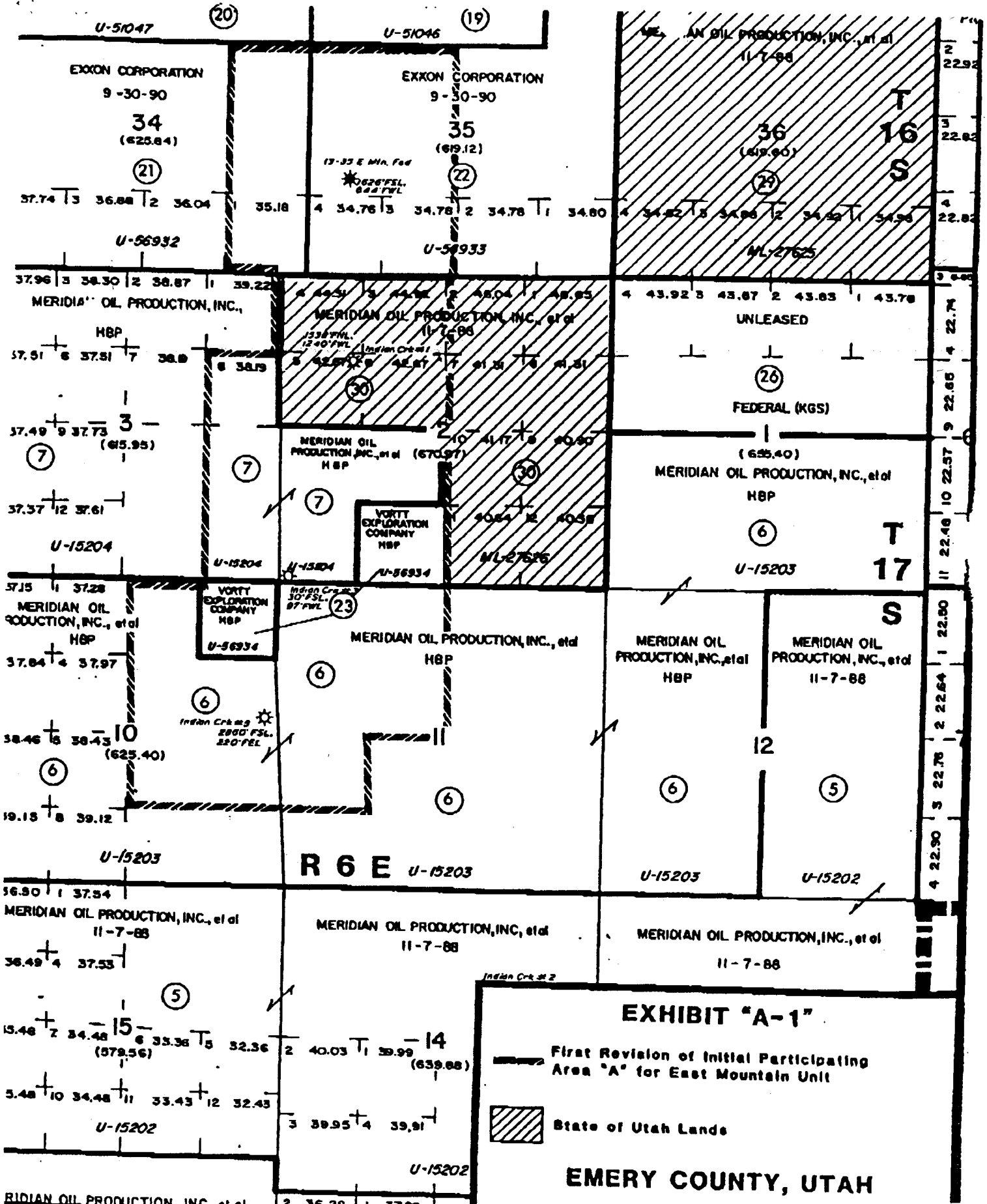
(Orig. Sgd.) R. A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

MAA
bcc: DM Moab
East Mountain Unit File
Agr. Sec. Chron.
U-942 w/allocation
RMP Denver w/allocation
McCluthard: fw 2/22/88

cc: SERA 4/29/88/CF

Atos 4.



MERIDIAN OIL

February 8, 1996

State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

RECEIVED
FEB 9 1996

Re: Change of Operator

Gentlemen:

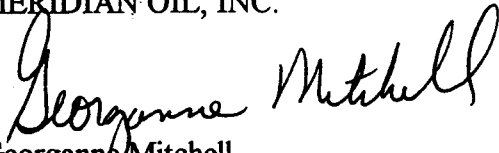
Enclosed please find copies of the Change of Operator sundries that were filed with the Bureau of Land Management, Moab, Utah for the following:

<u>Well Name</u>	<u>Location</u>	<u>API #</u>	<u>County</u>
Indian Creek #1	SWNW 2-T17S-R6E	43-015-30082	Emery
Indian Creek #3	SWSW 2-T17S-R6E	43-015-30175	Emery
Indian Creek #5	SENE 10-T17S-R6E	43-015-30117	Emery
#14176 #1 - Indian Creek #2	SWNE 14-T17S-R6E	43-015-30091	Emery
✓ E. Canyon Unit #3	NWSE 18-T16S-R25E	43-019-16203	Grand

If you should have any questions, please contact the undersigned at (303) 930-9407.

Sincerely,

MERIDIAN OIL, INC.


Georganne Mitchell
Regulatory Assistant

CDH/

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

5. Lease Designation and Serial No.
**FEDERAL
57287U6920**

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
EAST MOUNTAIN UNIT

8. Well Name and No.
5 INDIAN CREEK

9. API Well No.
43-015-3011700

10. Field and Pool, or Exploratory Area
FERRON/FERRON

11. County or Parish, State
EMERY, UT

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MERIDIAN OIL INC.

3. Address and Telephone No. (303)930-9393
5613 DTC PARKWAY, STE. 1000, P.O. BOX 3209, ENGLEWOOD, CO 80155-3209

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2860' FSL, 220' FEL
SENE SEC. 10-T17S-R6E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR/SELF CERTIFICATION</u>	<input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DUE TO A COMPANY CONSOLIDATION EFFECTIVE 1/2/96, PLEASE BE ADVISED MERIDIAN OIL INC. IS CONSIDERED TO BE THE OPERATOR OF 5 INDIAN CREEK; SENE SECTION 10-T17S-R6E; LEASE 57287U6920; EMERY COUNTY, UTAH, AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED UPON THE LEASED LANDS. BOND COVERAGE IS PROVIDED BY NATIONWIDE BOND MT-0719. SOUTHLAND ROYALTY CO. WAS THE PRIOR OPERATOR OF RECORD.

FEB 9 1996

14. I hereby certify that the foregoing is true and correct.

Signed Eileen Danni DeY Title REGULATORY COMPLIANCE ADMINISTRATOR Date 1/18/96

(This space for Federal or State office use)

Approved By _____ Title _____ Date _____
Condition of Approval, If any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1996

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

5. Lease Designation and Serial No.
57287U6920

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
EAST MOUNTAIN UNIT

8. Well Name and No.
5 INDIAN CREEK

9. API Well No.
43-015-3011700

10. Field and Pool, or Exploratory Area
FERRON/FERRON

11. County or Parish, State
EMERY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
SOUTHLAND ROYALTY CO.

3. Address and Telephone No. (303)930-9393
5613 DTC Parkway, Ste. 1000, P.O. Box 3209, Englewood, CO 80155-3209

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2860' FSL, 220' FEL (SENE) Sec. 10-T17S-R6E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Change of Operator
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective 1/2/96, please be advised that Southland Royalty Co. is no longer the operator of the subject well. The new operator is considered to be Meridian Oil, Inc. and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

14. I hereby certify that the foregoing is true and correct.

Signed Eileen Danni Deylgon Title Regulatory Compliance Administrator Date February 16, 1996
Eileen Danni Dey

(This space for Federal or State office use)

Approved By _____ Title _____ Date _____
Condition of Approval, If any:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 26 1996

IN REPLY REFER TO:
3100
SL-071010C et al
(UT-923)

FEB 23 1996

NOTICE

Meridian Oil Inc. : Oil and Gas
801 Cherry Street, Suite 200 : SL-071010C et al
Fort Worth, Texas 76102-6842 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of El Paso Production Company, Meridian Oil Production Inc., and Southland Royalty Company into Meridian Oil Inc. with Meridian Oil Inc. being the surviving entity.

For our purposes, the merger is recognized effective January 4, 1996 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify leases in which the merging entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

The following lease files contain no information that the above entities hold interest in them: U-02981, U-02992, U-02992A, and U-3008A.

All of the entities, including the surviving entity, are covered in their leasing obligations by Nationwide Bond No. 400IA9059 (BLM Bond No. MT0719).

Chief, Branch of Mineral
Leasing Adjudication

Enclosure
Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

SL-071010C	U-04049	U-17024
SL-071595	U-04049A	U-17623
U-0681	U-05059	U-24606
U-0683	U-08107	U-39832
U-0684	U-062420	U-40544 ROW
U-0685	U-8894A	U-45929
U-0719	U-8895A	U-51045
U-0725	U-8897A	U-51046
U-0737	U-15202	U-51047
U-0741	U-15203	U-56932
U-0744	U-15204	U-56933
U-03333	U-16962A	U-56934

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-FILE	7-FILE
2-FILE	8-FILE
3-VLD	
4-RJF	
5-LM	
6-SJ	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-2-96)

TO (new operator) <u>MERIDIAN OIL INC</u>	FROM (former operator) <u>SOUTHLAND ROYALTY CO</u>
(address) <u>PO BOX 3209</u>	(address) <u>PO BOX 3209</u>
<u>ENGLEWOOD CO 80155-3209</u>	<u>ENGLEWOOD CO 80155-3209</u>
<u>GEORGANNE MITCHELL</u>	<u>MARALENE SPAWN</u>
phone (303) <u>930-9300</u>	phone (303) <u>930-9419</u>
account no. <u>N 7230</u>	account no. <u>N 0880</u>

***EAST MOUNTAIN UNIT**

Well(s) (attach additional page if needed):

Name: <u>*INDIAN CREEK #1/FRSD</u>	API: <u>43-015-30082</u>	Entity: <u>2585</u>	Sec <u>2</u> Twp <u>17S</u> Rng <u>6E</u>	Lease Type: <u>ML27626</u>
Name: <u>*INDIAN CREEK #3/FRSD</u>	API: <u>43-015-30175</u>	Entity: <u>2585</u>	Sec <u>2</u> Twp <u>17S</u> Rng <u>6E</u>	Lease Type: <u>U-15204</u>
✓ Name: <u>*INDIAN CREEK #5/FRSD</u>	API: <u>43-015-30117</u>	Entity: <u>2585</u>	Sec <u>10</u> Twp <u>17S</u> Rng <u>6E</u>	Lease Type: <u>U-15203</u>
Name: <u>INDIAN CREEK #1/FRSD</u>	API: <u>43-015-30091</u>	Entity: <u>10907</u>	Sec <u>14</u> Twp <u>17S</u> Rng <u>6E</u>	Lease Type: <u>U-15202</u>
Name: <u>EAST CYN U 33-18/CDMTN</u>	API: <u>43-019-16203</u>	Entity: <u>9515</u>	Sec <u>18</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-05059</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 2-16-96) (Rec'd 2-20-96)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 2-9-96)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (2-20-96)
- Sec 6. Cardex file has been updated for each well listed above. (2-20-96)
- Sec 7. Well file labels have been updated for each well listed above. (2-20-96)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (2-20-96)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- Yes 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) Trust Lands Admin. / \$25,000 Statewide
(Trust will review st. wells assoc. w/meridian and req. increase to 80,000 if applicable)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) ____ . Today's date _____ 19____ . If yes, division response was made by letter dated _____ 19____ .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____ , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DCS 2. Copies of documents have been sent to State Lands for changes involving State leases.
2-21-96 to SA Bonner

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: February 28 1996.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960720 Blm/SL Meridian Opn. "E. mtn. Unit" eff. 8/87, P.A. eff. 10/87.
Blm/maeb Meridian Opn. #1/43-015-30091 eff. 7/87.
Blm/maeb Aprv. 33-18/43-019-116203 29-96.
* Southland & Meridian never req. oper. change until now. Southland has reported prod. & disp. to DOGM since 1987 & both operators have reported to mms.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN
 MERIDIAN OIL INC
 PO BOX 3209
 ENGLEWOOD CO 80155-3209

UTAH ACCOUNT NUMBER: N7230

REPORT PERIOD (MONTH/YEAR): 7 / 96

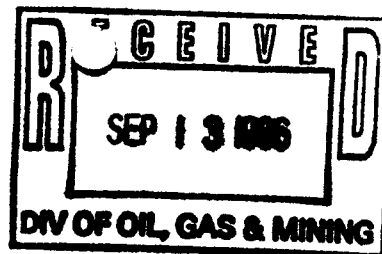
AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ INDIAN CREEK #1 4301530082 02585 17S 06E 2	FRSD ✓			ML27626	E. mtn. Unit	
→ INDIAN CREEK 10176-5 4301530117 02585 17S 06E 10	FRSD ✓			U15203	E. mtn. Unit	
✓ INDIAN CREEK UNIT 021762-3 4301530175 02585 17S 06E 2	FRSD ✓			U15204	E. mtn. Unit	
✓ 13-35 EMU HRE FEDERAL 4301530230 02585 16S 06E 35	FRSD ✓			U56933	E. mtn. Unit	
✓ E MOUNTAIN UNIT 32-23 4301530231 02585 16S 06E 23	FRSD ✓			U17024	E. mtn. Unit	
✓ HATCH POINT 27-1A 4303730518 02815 27S 21E 27	CNCR ✓			U-20016	Hatch Point U / Exxon? Susp.? (Non committed lease)	
✓ T CANYON UNIT 33-18 4301916203 09515 16S 25E 18	NWSE CDMTN ✓			U05059		
✓ NAVAJO FEDERAL 9-1 4303731001 09975 39S 25E 9	NWNE ISMY ✓			U52333	Kiva (Upper Mesa) Unit	
✓ NAVAJO FEDERAL 4-2 4303731161 09975 39S 25E 4	SWSE ISMY ✓			U52333	Kiva (Upper Mesa) Unit	
✓ NAVAJO FEDERAL #4-4 4303731179 09975 39S 25E 4	NWSW ISMY ✓			U52333	Kiva (Upper Mesa) Unit	
✓ 24-4 KIVA FEDERAL 4303731745 09975 39S 25E 4	SESW ISMY ✓			USA U52333	Kiva (Upper Mesa) Unit	
✓ HAVASU-FEDERAL #22-19 4303731278 10654 38S 24E 19	SESW ISMY ✓			U56186	Kechine Unit	
✓ HAVASU-FEDERAL #41-24 4303731279 10654 38S 23E 24	NENE ISMY ✓			U20895	Kechine Unit	
TOTALS						

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____
 Name and Signature: _____ Telephone Number: _____

MERIDIAN OIL



September 10, 1996

State of Utah
Division of Oil, Gas and Mining
355 ~~1594~~ West North Temple
Salt Lake City, UT 84180

Re: Name Change from Meridian Oil Inc. to
Burlington Resources Oil & Gas Co.

Gentlemen:

Please be advised effective July 11, 1996 Meridian Oil Inc. changed their name and address to:

Burlington Resources Oil & Gas Co.
3300 North "A" St., Bldg. 6
Midland, TX 79710-1810

Please see the attached list of wells that Burlington Resources operates in the State of Utah. If you should have any questions, please contact me at (303) 930-9393 or after September 30th at (915) 688-6800.

Sincerely,

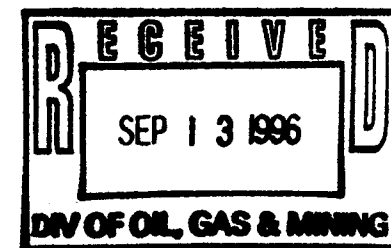
BURLINGTON RESOURCES OIL & GAS CO.

A handwritten signature in cursive script that reads "Eileen Danni Dey".

Eileen Danni Dey
Senior Regulatory Compliance Representative

Enclosure

FIELD	WELL NAME	WELL NO	FORMATION/POOL	COUNTY	OCATIO	SEC	TWN	RGE	API NUMBER	FEDERAL LEASE NUMBER	STATE CONTROL NO.
BANNOCK	BANNOCK FEDERAL	21-33	ISMAY	SAN JUAN	NENW	33	038S	024E	43-037-3142500	UTU60786A	10923
CEDAR MOUNTAIN	EAST CANYON UNIT	33-18	CEDAR MOUNTAIN	GRAND	NWSE	18	016S	025E	43-019-1620300	UTU05059	9515
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	13-35	FERRON	EMERY	NWSW	35	016S	006E	43-015-3023000	57287U6920	10789
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	32-23	FERRON	EMERY	SWNE	23	016S	006E	43-015-3023100	57287U6920	11075
FERRON	INDIAN CREEK UNIT	1	FERRON	EMERY	SWNW	02	017S	006E	43-015-3008200	57287U6920	02585
FERRON	INDIAN CREEK UNIT	3	FERRON	EMERY	SWSW	02	017S	006E	43-015-3107500	57287U6920	30175 02585
FERRON	INDIAN CREEK UNIT 10176	5	FERRON	EMERY	SENE	10	017S	006E	43-015-3011700	57287U6920	02585
FERRON	INDIAN CREEK UNIT 14176	2	FERRON	EMERY	SWNE	14	017S	006E	43-015-3009100	UTU15202	10907
KACHINA	ARABIAN FEDERAL (wiw)	2	ISMAY	SAN JUAN	NWSW	19	038S	024E	43-037-3128200	UTU56186	10654
KACHINA	ARABIAN FEDERAL	3	ISMAY	SAN JUAN	NESW	19	038S	024E	43-037-3128700	UTU56186	10654
KACHINA	HAVASU FEDERAL (wiw)	11-19	UPPER ISMAY	SAN JUAN	NWNW	19	038S	024E	43-037-3145800	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19	UPPER ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145700	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19A	ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145900	UTU56186	10654
KACHINA	HAVASU FEDERAL	22-19	UPPER ISMAY	SAN JUAN	SENE	19	038S	024E	43-037-3127800	UTU56186	10654
KACHINA	HAVASU FEDERAL	41-24	UPPER ISMAY	SAN JUAN	NENE	24	038S	023E	43-037-3127900	UTU20895	10654
KACHINA	HAVASU FEDERAL (wiw)	42-24	UPPER ISMAY	SAN JUAN	SENE	24	038S	023E	43-037-3129800	UTU20895	10654
KACHINA	WASH UNIT (wsw)	2	CUTLER	SAN JUAN	SESE	13	038S	023E	43-037-3132400	UTU20894	10654
KIVA (DESERT CREEK)	NAVAJO FEDERAL	41-5	DESERT CREEK	SAN JUAN	NENE	05	039S	025E	43-037-3542100	UTU57895	31358 10810
KIVA (UPPER ISMAY)	KIVA FEDERAL	24-4	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3174500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wiw)	12-4	ISMAY	SAN JUAN	SWNW	04	039S	025E	43-037-3139500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wiw)	14-4	ISMAY	SAN JUAN	SWSW	04	039S	025E	43-037-3132100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wiw)	21-9	ISMAY	SAN JUAN	NENW	09	039S	025E	43-037-3126700	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wiw)	23-4	UPPER ISMAY	SAN JUAN	NESW	04	039S	025E	43-037-3125900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-2	ISMAY	SAN JUAN	SWSE	04	039S	025E	43-037-3116100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-4	ISMAY	SAN JUAN	NWSW	04	039S	025E	43-037-3117900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	42-5	UPPER ISMAY	SAN JUAN	SENE	05	039S	025E	43-037-3126100	83687U6890	10655
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wsw)	42-9	WINGATE/CUTLER	SAN JUAN	SENE	09	039S	025E	43-037-3126300	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	9-1	UPPER ISMAY	SAN JUAN	NWNE	09	039S	025E	43-037-3100100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	4-1	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3111200	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	43-5	ISMAY	SAN JUAN	NWSW	05	039S	025E	43-037-3131700	83687U6890	09975
TON MESA	HATCH POINT FEDERAL	27-1A	CANE CREEK	SAN JUAN	NESW	27	027S	021E	43-037-3051800	8910184250	02815

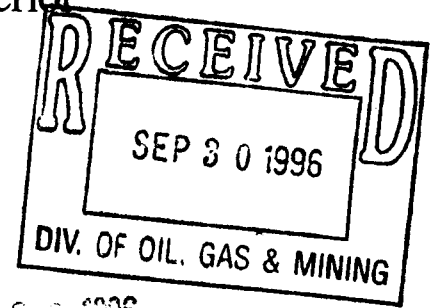




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



In Reply Refer To
3100
SL-071010C
(UT-932)

SEP 28 1996

NOTICE

Burlington Resources Oil & Gas Company : Oil and Gas
801 Cherry Street, Suite 900 : SL-071010C
Fort Worth, Texas 76102 :

Corporate Name Change Recognized

Acceptable evidence has been filed in this office concerning the corporate name change from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

For our purposes, the name change is recognized effective July 12, 1996, the date the Secretary of State of Delaware certified the name change.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to Bond No. 400IA9059 (BLM Bond No. MT0719) has been accepted by the Montana State office as of September 16, 1996, its date of receipt. The rider changed the name on the bond from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

ROBERT LOPEZ

Robert Lopez
Group Leader,
Minerals Adjudication Group

Enclosure

Exhibit (1 p)

cc: MMS, Data Management Division, P.O. Box 5860, MS 3113, Denver, Colorado 80217
Moab District Office
Vernal District Office

bc: State of Utah, ATTN: Lisha Cordova, Division of Oil, Gas and Mining, P.O. Box 145801,
Salt Lake City, Utah 84114-5801
Teresa Thompson (UT-931)
Irene Anderson (UT-932)

Exhibit of Leases Affected

SL-071010C
SL-071595
U-0681
U-0683
U-0684
U-0685
U-0719
U-0725
U-0737
U-0741
U-0744
U-03333
U-04049
U-04049A
U-05059
U-08107
U-062420
UTU-66830
UTU-67569
UTU-68676
UTU-72660

U-8894A
U-8895A
U-8897A
U-15202
U-15203
U-15204
U-16962A
U-17024
U-17623
U-19281
U-20016
U-20895
U-24606
U-39832
U-40361
U-40440
U-40544 (ROW)
UTU-66831
UTU-67570
UTU-69434
U-60786X (Bannock Unit)

U-40751
U-45051
U-45929
U-46825
U-51045
U-51046
U-51047
U-52333
U-56186
U-56932
U-56933
U-56934
U-57895
U-58728
U-60428
U-60520
U-61556
UTU-67565
UTU-68232
UTU-70115 (ROW)
U-63089X (East Mountain Unit)

U-61752
U-62143
U-62190
U-63181
UTU-64930
UTU-64931
UTU-65329
UTU-65607
UTU-65750
UTU-65751
UTU-65868 (ROW)
UTU-65940
UTU-65943
UTU-66025
UTU-66487
UTU-66584
UTU-66708
UTU-67568
UTU-68664
UTU-70196

OPERATOR CHANGE WORKSHEET

1-LEC	6-LEC
2-GLT	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (~~well sold~~) Designation of Agent
 Designation of Operator Operator Name Change ~~Only~~

The operator of the well(s) listed below has changed, effective: 7-11-96

TO: (new operator) <u>BURLINGTON RESOURCES O&G CO.</u>	FROM: (old operator) <u>MERIDIAN OIL INC</u>
(address) <u>3300 N "A" ST BLDG 6</u>	(address) <u>PO BOX 3209</u>
<u>MIDLAND TX 79710-1810</u>	<u>ENGLEWOOD CO 80155-3209</u>
<u>EILEEN DANNI DEY</u>	<u>EILEEN DANNI DEY</u>
Phone: <u>(915)688-6800</u>	Phone: <u>(303)930-9393</u>
Account no. <u>N7670</u>	Account no. <u>N7230</u>

WELL(S) attach additional page if needed: ***KACHINA, KIVA, EAST MOUNTAIN, BANNOCK UNIT'S**

Name: **SEE ATTACHED**	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 9-13-96)*
- Yes 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 9-13-96)*
- Yes 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? *(yes)* no _____ If yes, show company file number: #096593. *(E.H. 1-29-82)*
- Yes 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(i. WC Program)*
- Yes 6. Cardex file has been updated for each well listed above. *(10-3-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(10-3-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(10-3-96)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) _____. If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (~~FEE WELLS ONLY~~) *961002 "rides" 80,000 to Burlington rec'd by Trust Lands Admin.

- Yes 1. (r649-3-1) The NEW operator of any ~~fee~~ lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
OTS
11/4/96

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 12-27-96.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

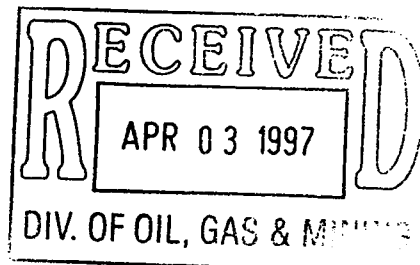
COMMENTS

CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 13-35	35 016S 006E	ML-27626	GAS WELL	43,015,3023000	UT060P49-87U69	57287U6920	025 <i>U56933</i>
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 32-23	23 016S 006E		GAS WELL	43,015,3023100	UT060P49-87U69	57287U6920	025 <i>U17024</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 021762 3	02 017S 006E	ML-27626	GAS WELL	43,015,3017500		57287U6920	025 <i>U15204</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 1	02 017S 006E	ML-27626	GAS WELL	43,015,3008200		57287U6920	025 <i>ML-27626</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 10176 5	10 017S 006E	ML-27626	GAS WELL	43,015,3011700		57287U6920	025 <i>U15203</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 14176 1	14 017S 006E	UTU15202	GAS WELL	43,015,3009100		UTU15202	109 <i>U15202</i>
SAN JUAN	BANNOCK ,ISMAY	BANNOCK FEDERAL 21-33	33 038S 024E	UTU60786	OIL WELL	43,037,3142500	60786A	UTU60786A	109 <i>U40361</i>
SAN JUAN	KACHINA ,CUTLER	WASH UNIT 2	13 038S 023E	UTU20894	WATER SOURCE	43,037,3132400		UTU20894	106 <i>U20894 (To Water Rights 4-7-97)</i>
SAN JUAN	KACHINA ,ISMAY	ARABIAN FEDERAL 2	19 038S 024E	UTU56186	WATER INJECTED	43,037,3128200		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 11-19	19 038S 024E	UTU56186	WATER INJECTED	43,037,3145800		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19	19 038S 024E	UTU56186	OIL WELL	43,037,3145700		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19A	19 038S 024E	UTU56186	OIL WELL	43,037,3145900		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 22-19	19 038S 024E	UTU56186	OIL WELL	43,037,3127800		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 41-24	24 038S 023E	UTU20895	OIL WELL	43,037,3127900		UTU20895	106 <i>U20895</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 42-24	24 038S 023E	UTU20895	WATER INJECTED	43,037,3129800		UTU20895	106 <i>U20895</i>

MERIT ENERGY COMPANY

12222 MERIT DRIVE, SUITE 1500
DALLAS, TEXAS 75251
(972) 701-8377
(972) 960-1252 Fax



April 2, 1997

Utah Division of Oil, Gas and Mining
Attn: Ms. Lisha Cordova
1594 West North Temple
Suite 1210
Salt Lake City, Utah 84114

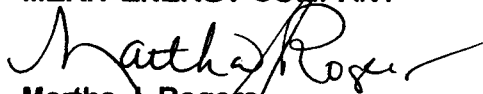
RE: Change of Operator to Merit Energy Company
Emery and San Juan County

Dear Ms. Cordova:

Enclosed please find a copy of Form 3160 executed by both parties, Merit Energy and Burlington Resources.

If additional information or forms are required to process this transaction, please contact me at 972-701-8377.

Yours very truly,
MERIT ENERGY COMPANY


Martha J. Rogers
Manager, Regulatory Affairs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No.
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No (915)688-6800 P. O. BOX 51810, MIDLAND, TX 79710-1810	7. If Unit or CA, Agreement Designation 57287U6920
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2860' FSL & 220' FEL , SENE 10 017S 006E, SLM	8. Well Name and No. INDIAN CREEK 10176 5
	9. API Well No. 43,015,3011700
	10. Field and Pool, or Exploratory Area FERRON , FERRON
	11. County or Parish, State EMERY , UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> <input type="checkbox"/> Dispose Water
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE JANUARY 1, 1997 , BURLINGTON RESOURCES OIL & GAS COMPANY, THE OPERATOR OF RECORD OF THE INDIAN CREEK 10176 5 WELL, TRANSFERRED ALL OF ITS RIGHT, TITLE AND INTEREST IN SAID WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251.

ON APRIL 1, 1997, MERIT ENERGY COMPANY, GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS.

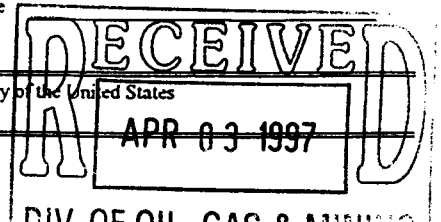
14. I hereby certify that the foregoing is true and correct.

Signed Kent Beers Title Attorney-in-Fact Date March 31, 1997

(This space for Federal or State office use)

Approved By _____ Title _____ Date _____
Condition of Approval, If any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

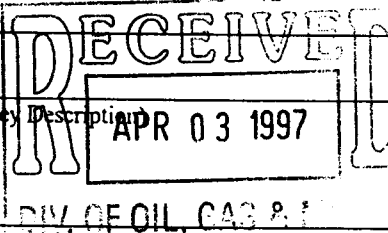
FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No.
2. Name of Operator MERIT ENERGY COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No (972) 701-8377 12222 MERIT DRIVE, DALLAS, TX 75251	7. If Unit or CA, Agreement Designation 57287U6920
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2860' FSL & 220' FEL, SENE 10 017S 006E, SLM	8. Well Name and No. INDIAN CREEK 10176 5
	9. API Well No. 43,015,3011700
	10. Field and Pool, or Exploratory Area FERRON, FERRON
	11. County or Parish, State EMERY, UT



12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE AS OF JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE PRIOR OPERATOR OF RECORD, TRANSFERRED ALL RIGHT, TITLE AND INTEREST IN THE INDIAN CREEK 10176 5 WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251. ON APRIL 1, 1997, MERIT ENERGY COMPANY, THE GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS AND IS CONSIDERED TO BE THE OPERATOR OF SAID WELL AS OF THAT DATE.

MERIT ENERGY COMPANY IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED UPON THE LEASED LANDS. BOND COVERAGE IN THE AMOUNT OF \$150,000 FOR MERIT ENERGY COMPANY IS PROVIDED UNDER BLM BOND NO. WY3011, IN FAVOR OF THE BUREAU OF LAND MANAGEMENT, U. S. DEPARTMENT OF THE INTERIOR.

14. I hereby certify that the foregoing is true and correct.

Signed Martha Rogers Title Manager, Regulatory Affairs Date March 31, 1997

(This space for Federal or State office use)

Approved By _____ Title _____ Date _____
Condition of Approval, If any: _____

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN
 BURLINGTON RESOURCES O&G
 3300 N A ST BLDG 6
 MIDLAND TX 79710-1810

UTAH ACCOUNT NUMBER: N7670

REPORT PERIOD (MONTH/YEAR): 10 / 97

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
INDIAN CREEK #1			FRSD			ML27626	Awaiting Bond	11/97
4301530082	02585	17S 06E 2						
INDIAN CREEK 10176-5								
4301530117	02585	17S 06E 10						
INDIAN CREEK UNIT 021762-3								
4301530175	02585	17S 06E 2	FRSD			U15204	E. mtn. unit "Ferr A"	
13-35 EMU HRE FEDERAL								
4301530230	02585	16S 06E 35						
E MOUNTAIN UNIT 32-23								
4301530231	02585	16S 06E 23	FRSD			U17024		
BANNOCK-FEDERAL 21-33								
4303731425	10923	38S 24E 33	ISMY					
TOTALS								

COMMENTS: _____

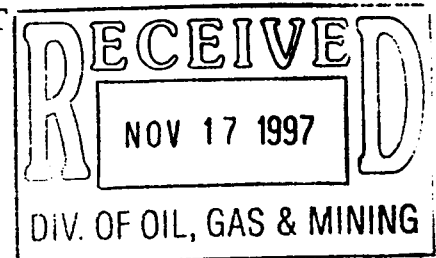
I hereby certify that this report is true and complete to the best of my knowledge. Date: _____
 Name and Signature: _____ Telephone Number: _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

COPY

November 13, 1997

Merit Energy Company
Attn: Martha J. Rogers
12222 Merit Drive, Suite 1500
Dallas, Texas 75251

Re: East Mountain Unit
Emery County, Utah

Gentlemen:

On November 7, 1997, we received an indenture dated April 1, 1997, whereby Burlington Resources Oil & Gas Company resigned as Unit Operator and Merit Energy Company was designated as Successor Unit Operator for the East Mountain Unit, Emery County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective November 13, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the East Mountain Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 3011 will be used to cover all operations within the East Mountain Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

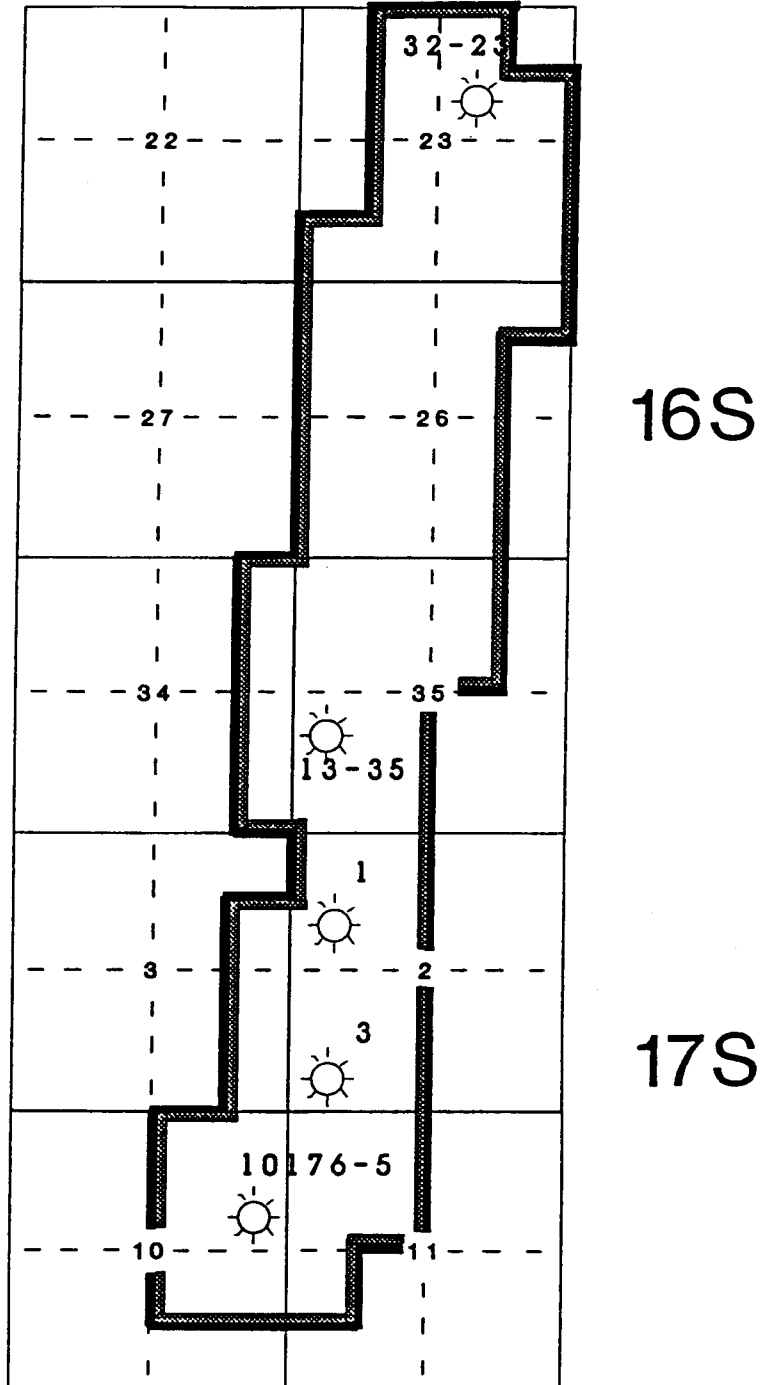
Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - East Mountain Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:11/13/97

EAST MOUNTAIN UNIT

Emery County, Utah



EFFECTIVE: AUGUST 21, 1987 **6E**

UNIT OUTLINE (UTU63089X)

FERRON PA "A"

AS CONTRACTED, OCTOBER 15, 1992

2,437.48 ACRES

FERRON PA "A"
ALLOCATION

FEDERAL 92.8310%

STATE 7.1690%

2,437.48 Acres

OPERATOR CHANGE WORKSHEET

1-LEC	6-1-97
2-GHH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-IRB	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 4-1-97

TO: (new operator)	<u>MERIT ENERGY COMPANY</u>	FROM: (old operator)	<u>BURLINGTON RESOURCES O&G</u>
(address)	<u>12222 MERIT DR STE 1500</u>	(address)	<u>3300 N A ST BLDG 6</u>
	<u>DALLAS TX 75251</u>		<u>MIDLAND TX 79710-1810</u>
	<u>MARTHA ROGERS</u>		<u>MARALENE SPAWN</u>
	Phone: <u>(972) 701-8377</u>		Phone: <u>(915) 688-6800</u>
	Account no. <u>N4900 (4-30-97)</u>		Account no. <u>N7670</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-015-30117</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 4-3-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 4-3-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(11-19-97)*
- lec 6. **Cardex** file has been updated for each well listed above. *(11-19-97)*
- lec 7. **Well file labels** have been updated for each well listed above. *(11-19-97)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(11-19-97)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- lec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- lec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Today's date: 1.5.98.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971119 BLM/SL Aprv. eff. 11-13-97.

* Indian Creek #1 - mL 27626 will be handled on separate change - awaiting bonding.



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>

IN REPLY REFER TO:
3106
(UT-922)

August 15, 2005

Memorandum

To: Moab Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Name Change Approval

Attached is an approved copy of the name change recognized by the Wyoming State Office. We have updated our records to reflect the name change from Merit Partners L.P. into Merit Management Partners I, L.P. The name change was approved effective September 23, 2004.

Teresa L. Catlin
Acting Chief, Branch of
Fluid Minerals

Enclosure

Articles of Organization (4 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

AUG 16 2005

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Wyoming State Office
P.O. Box 1828
Cheyenne, Wyoming 82003-1828



IN REPLY REFER TO:

3106.8
(921Jensen)
PHONE NO: (307) 775-6252
FAX NO: (307) 775-6173

AUG 05 2005

Merit Management Partners I L.P.
13727 Noel Road, Ste 500
Dallas, TX 75240

BLM - UT - 950
2005 AUG 11 AM 10:05

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of **Merit Partners L.P.** into **Merit Management Partners I, L.P.**

For our purposes, this name change is recognized effective **September 23, 2004**.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. This exhibit was compiled from a list of leases obtained from our Legacy Rehost System (LR2000) showing record title (lessee) interest and rights-of-way grants.

To document case files of leases with operating rights, working interests, or overriding royalties, **Merit Management Partners I L. P.** must submit a list of leases numbers. Our office does not record these types of ownership in our automated system. A request was made from your company for a list of lease numbers affected by this name change. Your verbal response was we should use the list of leases we have in our automated system. We have provided a copy of this printout with this notice for your information.

We have not abstracted the lease files to determine the accuracy of any record title, operating rights, working interests or overriding royalty percentage interests. This notice is intended only to recognize a legal change of company name. Any conflicts of record title interest ownership will have to be addressed on an individual level with documents recorded in the case files.

Our office will submit a copy of this notice to the Minerals Management Service and all other Bureau of Land Management offices. If additional documentation for changes of operator is required by our field offices, you will be contacted by them.

If you identify additional leases affected by this name change, please contact this office and we will document those files with a copy of this Notice.

STATE OF DELAWARE
AMENDMENT TO THE CERTIFICATE
OF LIMITED PARTNERSHIP

MERIT PARTNERS, L.P.
(NEW NAME: MERIT MANAGEMENT PARTNERS I, L.P.)

The undersigned, desiring to amend the Certificate of Limited Partnership pursuant to the provisions of Section 17-202 of the Revised Uniform Limited Partnership Act of the State of Delaware, does hereby certify as follows:

FIRST: The name of the Limited Partnership is Merit Partners, L.P.

SECOND: The Certificate of Limited Partnership is amended and restated to read in its entirety as follows:

1. The name of the Limited Partnership is Merit Management Partners I, L.P.
2. The address of the registered office of the Limited Partnership in the State of Delaware is 2711 Centerville Road, Suite 400, Wilmington, New Castle County, Delaware 19808. The Limited Partnership's registered agent at that address is Corporation Service Company.
3. The name of the general partner is Merit Energy Company, a Delaware corporation, and the mailing address and street address of the business of such general partner is 13727 Noel Road, Suite 500, Dallas, Texas 75240.

IN WITNESS WHEREOF, the undersigned, being the sole general partner of the Limited Partnership, has caused this Amendment to the Certificate of Limited Partnership to be duly executed on the 15th day of September, 2004.

MERIT ENERGY COMPANY.

By: _____



Bonnie C. Shea, President

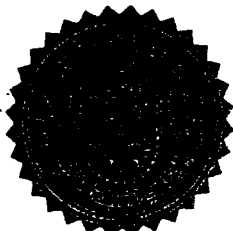
Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "MERIT PARTNERS, L.P.", CHANGING ITS NAME FROM "MERIT PARTNERS, L.P." TO "MERIT MANAGEMENT PARTNERS I, L.P.", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF SEPTEMBER, A.D. 2004, AT 6:20 O'CLOCK P.M.

DEPARTMENT OF THE TREASURER
BUREAU OF LAND MANAGEMENT
RECEIVED
CHEYENNE, WYOMING
05 MAY -9 AM 9:00



Harriet Smith Windsor

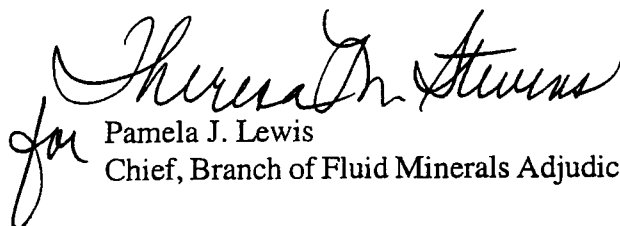
Harriet Smith Windsor, Secretary of State
AUTHENTICATION: 3841741

2286808 8100

050341031

DATE: 04-27-05

Please direct any questions concerning this correspondence to Ronelle L. Jensen at (307) 775-6252.


for Pamela J. Lewis
Chief, Branch of Fluid Minerals Adjudication

Attachment

cc:

Name Change Log
Public Room Name Change Log
(921Judy)
(921Jensen)
(921Olsen)
All State Offices
MMS
Casper, RMG Sharon Taylor

Minerals Field Offices

Denise Oliverius, Buffalo FO
Newcastle FO
Ellen Burris, Casper FO
Beth Holden, Rawlins FO
Dorothy Savage, Rock Springs FO
Debbie Larsen, Lander FO
Jean Cattelan, Kemmerer FO
Karen Olsen, Pinedale FO
Cara Blank, Cody FO
Kelly Lyman, Worland FO

LLE: Judy Nordstrom

MEMO WRITTEN: August 15, 2005

Name of Company:

OLD

NEW NID

Merit Partners L.P.
12222 Merit Drive, Suite 1500
Dallas TX 75251

Merit Management Partners I, L.P.
13727 Noel Road, Suite 500
Dallas TX 75240

September 23, 2004 (940) NAME CHANGE RECOGNIZED
(DATE)

(DATE) (817) CORPORATE MERGER RECOGNIZED

		T	R	See
UTU-15202 ✓	43-015-30091	17S	6E	14
UTU-15203 ✓	43-015-30117	17S	6E	10
UTU-15204 ✓	43-015-30175	17S	6E	02
UTU-17024 ✓	43-015-30231	16S	6E	23
UTU-19281				
UTU-20016 ✓	43-037-30518	27S	21E	27
UTU-24606				
UTU-51045				
UTU-51046				
UTU-51047				
UTU-56932				
UTU-56933 ✓	43-015-30230	16S	6E	35
UTU-56934				
UTU-67568				

12/6/05 Note: No operator change requested at DOGM. ER

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15203	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: EAST MOUNTAIN	
8. WELL NAME and NUMBER: INDIAN CREEK 10176-5	
9. API NUMBER: 43015301170000	
9. FIELD and POOL or WILDCAT: FLAT CANYON	
9. COUNTY: EMERY	
9. STATE: UTAH	
1. TYPE OF WELL Gas Well	
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	
PHONE NUMBER: 972 628-1540 Ext	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2860 FSL 0220 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 10 Township: 17.0S Range: 06.0E Meridian: S	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/28/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Site Security Diagram"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please find the currant Site Security Diagram for the above referenced well for your records.

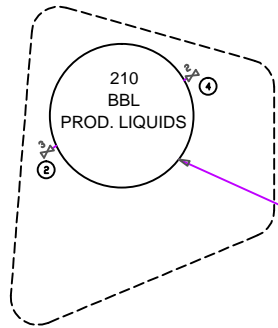
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 02, 2015

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/28/2015	

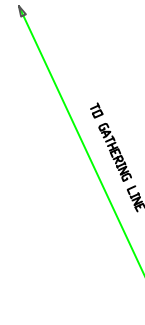
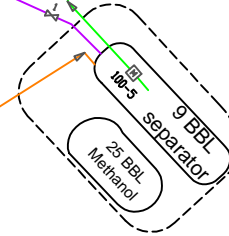


NOT TO SCALE

Unused
Earthen
Pit
Area



API 43-015-30117
Lat: 39.35862
Long: -111.22145



METER LEGEND

100-5 GAS TO GATHERING LINE

LINE LEGEND

SALES GAS
WATER/OIL
WELL FLOW TO SEPARATOR

VALVE LEGEND

- ① SEALED OPEN DURING ALL OPERATIONS
- ② SEALED CLOSED DURING ALL OPERATIONS
- ③ OPEN DURING PRODUCTION SEALED CLOSED DURING SALES
- ④ SEALED CLOSED DURING PRODUCTION OPEN DURING SALES

MERIT ENERGY COMPANY

EAST MOUNTAIN INDIAN CREEK #5
SE NE SEC. 10 T17S, R6E
EMERY COUNTY, UTAH

Site Security
Diagram

AS BUILT
August 2015

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15203
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: EAST MOUNTAIN
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: INDIAN CREEK 10176-5
3. ADDRESS OF OPERATOR: 13727 Noel Rd Suite 500 , Dallas, TX, 75240-7312		9. API NUMBER: 43015301170000
PHONE NUMBER: 972-628-1534		9. FIELD and POOL or WILDCAT: FLAT CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2860 FSL 220 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 10 Township: 17S Range: 6E Meridian: S		COUNTY: EMERY
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/1/2018	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Merit Energy request approval to P&A the above referenced well according to the attached Procedure & WBD's. Merit would like to start with the East Mountain Field wells then move to the Anschutz Ranch East Field wells.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: _____

By: *Derek D. Dant*
July 02, 2018

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/26/2018	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43015301170000

Top plug shall be extended to 324' to surface shoe to isolate coal zones and fresh water zones from 82' to 316' as required by R649-3-24-3.3 and R649-3-24-3.6. Perf @ 324' circulate ~92 sx from surface down 5 1/2" through perfs back to surface.

Completion Proposal

Well: Indian Creek 10176-5
API: 4301530117
Sec/Twp: Sec 10-T17S-R6E
County: Emery

Procedure

1. MIRU, NU BOP. Pull tubing & packer. Make bit and scraper run to 5668'.
2. RIH and set 5.5" CIBP @ 5577'. Circulate hole clean.
3. Spot 12 sacks of cement on top of bridge plug.
4. Pull out of cement and spot 9 ppg mud to 2252'.
5. RIH and perforate squeeze holes at 2252'.
6. RIH and set 5.5" CICR @ 2152', establish rate, and pump 27 sacks of cement.
7. Sting out and spot 9 ppg mud to 100'.
8. Lay down tubing, rig down, and cut casing to 3' below ground level. Run 1" poly in each casing string to 100' and circulate cement to surface.
9. Weld on dry hole plate with legal ID, and remove rig anchors.

Sundry Number: 88892 API Well Number: 43015301170000

State	Utah	KB Elev.	8242	SHL Lat	
County	Emery	GR Elev.	8231	SHL Lon	
Field	East Mountain	PBTD		BHL Lat	
Well	Indian Creek 10176-5	TD		BHL Lon	
API	4301530117			Datum	
Location					

Surface Casing

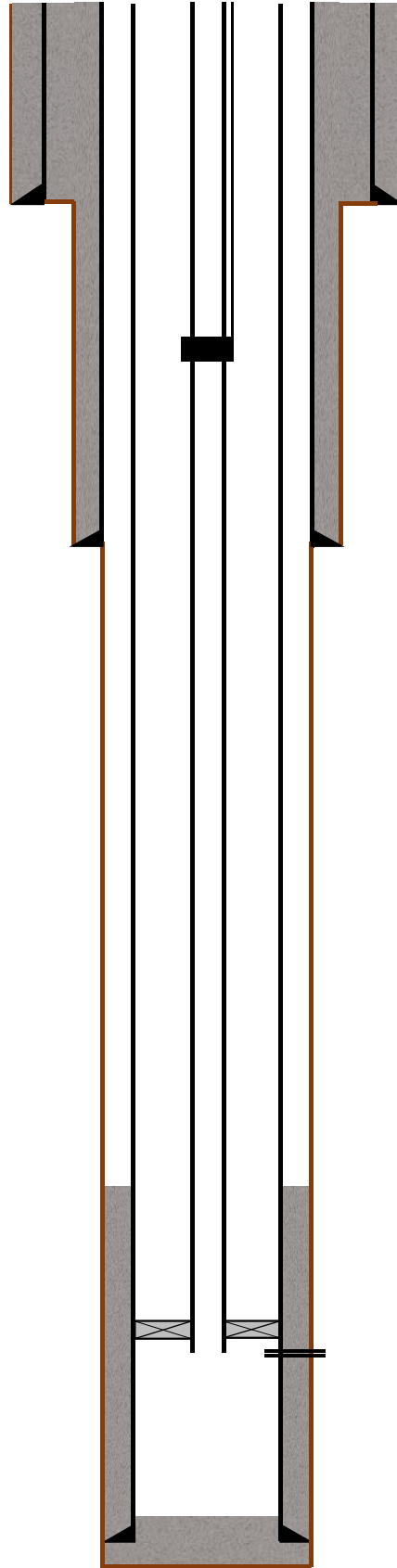
13-3/8" 54.5# @ 324'
 Cmt'd w/ 300 sxs 50/50 Pozmix, 50 sxs B
 TOC @ surface (calc. using 1.5 cf/sk & 100% excess)
 17-1/2" hole @ 324'

Intermediate Casing

8-5/8" 24# @ 2202'
 Cmt'd w/ 600 sxs 65/35 Pozmix
 TOC @ 60' (calc. using 1.5 cf/sk & 50% excess)
 11" hole @ 2202'

Production Casing

5-1/2" 15.5# @ 5760'
 Cmt'd w/ 350 sxs 50/50 Pozmix
 TOC @ 5000' (calc. using 1.5 cf/sk & 300% excess)
 7-7/8" hole @ 5760'



TD = 5760'

Tubing

Cap string @ 1402'
 Arrow R pkr @ 5579'
 2-3/8" @ 5612'

Perfs

5627-32'
 5639-49'
 5663-68'

Sundry Number: 88892 API Well Number: 43015301170000

State	Utah	KB Elev.	8242	SHL Lat	
County	Emery	GR Elev.	8231	SHL Lon	
Field	East Mountain	PBTD		BHL Lat	
Well	Indian Creek 10176-5	TD		BHL Lon	
API	4301530117			Datum	
Location	Sec 10-T17S-R6E				

Surface Casing

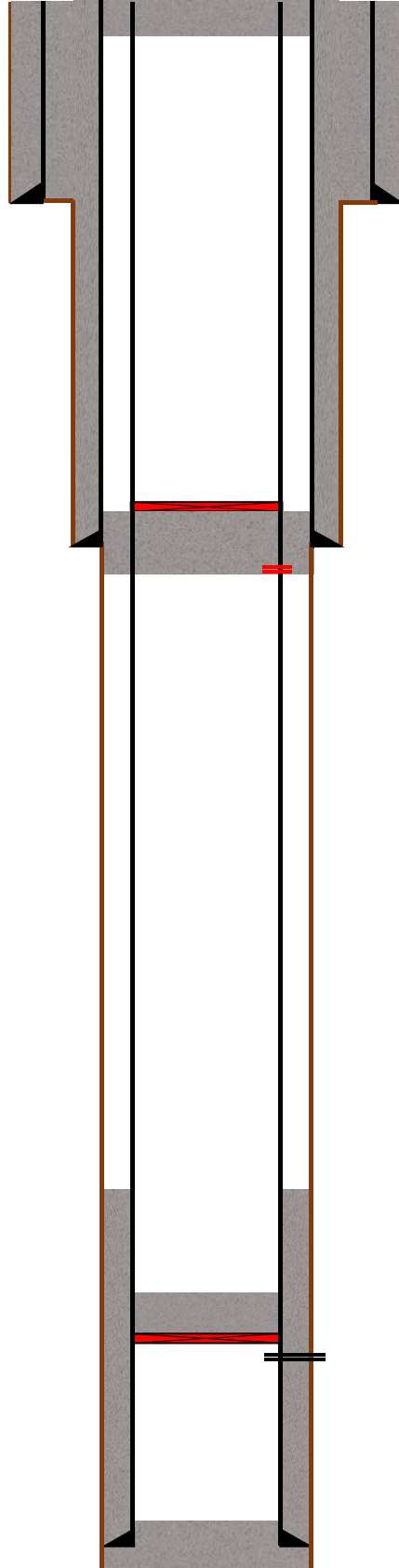
13-3/8" 54.5# @ 324'
 Cmtd w/ 300 sxs 50/50 Pozmix, 50 sxs B
 TOC @ surface (calc. using 1.5 cf/sk & 100% excess)
 17-1/2" hole @ 324'

Intermediate Casing

8-5/8" 24# @ 2202'
 Cmtd w/ 600 sxs 65/35 Pozmix
 TOC @ 60' (calc. using 1.5 cf/sk & 50% excess)
 11" hole @ 2202'

Production Casing

5-1/2" 15.5# @ 5760'
 Cmtd w/ 350 sxs 50/50 Pozmix
 TOC @ 5000' (calc. using 1.5 cf/sk & 300% excess)
 7-7/8" hole @ 5760'



27 sxs cmt @ 0-100' in/out

9 ppg mud

CICR @ 2152'
 27 sxs cmt @ 2152-2252' in/out
 Sqz perms @ 2252'

9 ppg mud

12 sxs cmt @ 5477-5577'
 CIBP @ 5577'

Perfs
 5627-32'
 5639-49'
 5663-68'

TD = 5760'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15203
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: EAST MOUNTAIN
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: INDIAN CREEK 10176-5
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		9. API NUMBER: 43015301170000
3. ADDRESS OF OPERATOR: 13727 Noel Rd Suite 500 , Dallas, TX, 75240-7312	PHONE NUMBER: 972-628-1534	9. FIELD and POOL or WILDCAT: FLAT CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2860 FSL 220 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 10 Township: 17S Range: 6E Meridian: S		COUNTY: EMERY
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/4/2018 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Merit Energy Plugged and Abandon the aforementioned well on 12/04/2018. Merit consulted with BLM Rep Jake Fulkerson during the plugging process. Please see the attached Daily Summary for details of work done.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 29, 2019		
NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 1/17/2019



Job Daily Summary

Support Line: 972-628-1700 #1

Report Date:
Report #
Well Name: Indian Creek 10176 5

Accounting ID 7581-01	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 430153011700	Lease Unassigned	Unit Name EAST MOUNTAIN FEDERAL 13 35
Working Interest 100.0000	Original KB Elevation (ft)	SAP Latitude 39.3586600000	SAP Longitude -111.2207300000	Total Depth	KB Adjustment (ft)
Field Name Ferron	County EMERY	State/Province UTAH	Field Office ANSCHUTZ	Accounting Group East Mountain	Producing Status Producing

Job Category Plug & Abandon	Primary Job Type Permanently Abandon Well	Job Start Date 7/16/2018	Job End Date
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Daily Operations

Report Start Date 11/13/2018	Primary Activity MIRU	AFE Number 061745	Daily Field Est Total (Cost) 750.00	Cum Field Est To Date (Cost) 750.00
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Operations Summary

MIRU

Report Start Date 11/25/2018	Primary Activity ND / NU TOH	AFE Number 061745	Daily Field Est Total (Cost) 4,981.00	Cum Field Est To Date (Cost) 5,731.00
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Operations Summary

Conduct Safety Meeting, MIRUSU, Break down well head tree, TSIP 380 psi CSIP 400 psi, R/U flow line to tbg @ blow down well to tank noting csg pressure drop of 100 psi over 1.5 hrs, SIW swap to csg & blow down well noting tbg pressure drop to 200 psi over 1.5 hrs, SIW transport @ fill flow back tank w/ water & prep to kill well in the a.m

Report Start Date 11/26/2018	Primary Activity TOH	AFE Number 061745	Daily Field Est Total (Cost) 6,556.00	Cum Field Est To Date (Cost) 12,287.00
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Operations Summary

Conduct Safety Meeting, R/U pump truck, Tie onto tbg & bullhead 20 bbls water, Swap to 5 1/2 csg & bull head 60 bbls water, Break down well head tree & unflange well head & secure cap string, Nipple up BOP R/U tbg equip, TOO H w/ 1400' cap +/-, TOO H w/ open ended tbg, SIW

Report Start Date 11/27/2018	Primary Activity TIH BS / set CICR	AFE Number 061745	Daily Field Est Total (Cost) 4,561.00	Cum Field Est To Date (Cost) 16,848.00
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Operations Summary

Conduct Safety Meeting, P/U 5 1/2 scraper & 4 3/4 bit TIH & tally 83 jts, SIW, Shut down & swap out pump truck, SDFD

Report Start Date 11/28/2018	Primary Activity TIH BS / set CICR work up P1	AFE Number 061745	Daily Field Est Total (Cost) 9,570.00	Cum Field Est To Date (Cost) 26,418.00
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Operations Summary

Conduct Safety Meeting, CSIP 200 psi, Shut down due to Nielson semi truck jackknifed in road blocking water truck from getting water, Helped remove semi & proceed on w/ plugging operations, R/U pump truck tie onto csg & pump 20 bbls water, Load flat tank w/ water & gravity feed water to well, TIH w/ bit & scraper to 5599', L/D 1 jt TOO H L/D BHA, P/U 5 1/2 CICR TIH & set @ 5568', SIW SDFN.

Report Start Date 11/29/2018	Primary Activity Set CICR Pump P1	AFE Number 061745	Daily Field Est Total (Cost) 6,934.00	Cum Field Est To Date (Cost) 33,352.00
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Operations Summary

Conduct Safety Meeting, CSIP 0 psi TSIP 0 psi, Sting out of CICR R/U pump truck, Mix 160 bbls water, packer fluid & biocide, Pumped 100 bbls & est circ, SIW tested csg to 500 psi & bleed off, Repeated process 3 times w/ same results, Consult Merit Rep & BLM Rep Brendan Huber, Time & Material Per Changes to Original Procedure: TOO H & cement after locating csg leaks, TOO H L/D BHA SIW.

Report Start Date 11/30/2018	Primary Activity Hole hunt csg	AFE Number 061745	Daily Field Est Total (Cost) 10,020.00	Cum Field Est To Date (Cost) 43,372.00
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Operations Summary

Conduct Safety Meeting, P/U 5 1/2 packer TIH & set @ 5019' tested below packer to 500 psi & passed, TOO H to 4346' & tested below packer & passed, TOO H to 3124' & tested below packer & failed tested above packer to 500 psi & passed, TIH to 3735' & tested below packer & passed, TOO H to 3429' & tested above packer & passed tested below packer & failed, TIH to 3613' & tested below packer & failed tested above packer & passed, TIH to 3674' & tested above & below packer & failed, TOO H to 3643' & tested above packer & failed, Casing leaks located between 3735'-3613', TOO H L/D BHA, Consult BLM Rep on location & Merit Rep Kurt Jagoda, TIH to 5568' open ended, R/U pump truck mix & pump 13 sx cmt on top CICR 5568'-5459', TOO H w/ 29 stands to 3790' R/U pump truck & mix & pump 40 sx cmt 3790'-3454', TOO H w/ 10 stands reverse tbg clean w/ 20 bbls water w/ clean returns, TOO H w/ 6 stands, SIW

Report Start Date 12/1/2018	Primary Activity Work up P2 / surface plug	AFE Number 061745	Daily Field Est Total (Cost) 750.00	Cum Field Est To Date (Cost) 44,122.00
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Operations Summary

Conduct Safety Meeting, TIH & tag TOC @ 3484', R/U pump truck & test csg to 500 psi for 15 mins & passed, TOO H & L/D L/D 112 jts tbg, Open surface valve & bleed off pressure, R/U wire line RIH & collar @ 2325' BLM Rep Jake Fulkerson Ok'd perfling @ 2328', R/U pump truck tie onto 5 1/2 csg & est. circ up the 8 5/8 w/ 70 bbls water, P/U 5 1/2 CICR TIH & set @ 2139' R/U pump truck Mix & pump 59 sx cmt, Pumped 53 sx cmt below CICR sting out spot 6 sx cmt on top L/D 70 jts & BHA, RDSU.

Report Start Date 12/2/2018	Primary Activity Surface plug RDMO	AFE Number 061745	Daily Field Est Total (Cost) 750.00	Cum Field Est To Date (Cost) 44,872.00
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Operations Summary

Conduct Safety Meeting, Dig out cut off well head 3' bgl, No fluid @ surface between 8 5/8" x 5 1/2" casing, Fill w/ 20 bbls water & fluid dropping, Consult Merit Rep Mel Wren & BLM Rep Jake Fulkerson, RIH w/ 100' 1" poly inside 5 1/2" & mix & pump 12 sx cmt to surface, POOH, RIH w/ 100' 1" poly pipe & mix & pump 21 sx cmt w/ 1/2 bag cellophane, POOH & allow to sit for the day & check in the a.m. Move out equip

Report Start Date 12/3/2018	Primary Activity Work up surface plug	AFE Number 061745	Daily Field Est Total (Cost) 1,380.00	Cum Field Est To Date (Cost) 46,252.00
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Operations Summary

Conduct Safety Meeting, Load 8 5/8" x 5 1/2" w/ 20 bbls water & fluid drops, R/U pump truck RIH w/ 100' 1" poly pipe mix & pump 21 sx cmt w/ 1/2 bag celloplake, POOH wait on cement.

Report Start Date 12/4/2018	Primary Activity Work up surface plug	AFE Number 061745	Daily Field Est Total (Cost) 750.00	Cum Field Est To Date (Cost) 47,002.00
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Operations Summary

Conduct Safety Meeting, Load 8 5/8" x 5 1/2" w/ 15 bbls water & held static, R/U pump truck RIH w/ 100' 1" poly pipe mix & pump 30 sx cmt to surface, Confirmed cement static by BLM Rep Jake Fulkerson, Cap well & back fill well pad, Move out equip

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15203
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: EAST MOUNTAIN
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: INDIAN CREEK 10176-5
3. ADDRESS OF OPERATOR: 13727 Noel Rd Suite 500 , Dallas, TX, 75240-7312		9. API NUMBER: 43015301170000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2860 FSL 220 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 10 Township: 17S Range: 6E Meridian: S		9. FIELD and POOL or WILDCAT: FLAT CANYON
5. PHONE NUMBER: 972-628-1534		COUNTY: EMERY
6. STATE: UTAH		7. STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/5/2018	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Merit Energy has reclaimed the above referenced well according to the landowners requirements on 12/05/2018. Please note the landowner (The BLM) request that Merit prepare the site as a Recreation Area.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 29, 2019		
NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/17/2019	