

## VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

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

2726 LAREDO DRIVE  
FORT WORTH, TEXAS 76116

July 22, 1983

Mr. Norman C. Stout  
STATE OF UTAH  
Natural Resources and Energy  
OIL-GAS-MINING  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

RE: Application to Drill  
Indian Creek Unit  
Section 2, Township 17 South  
Range 6 East, Emery County, Utah

Dear Mr. Stout:

Please find enclosed our application to drill the above referenced lease. This is a Federal lease located in Emery County, Utah.

Previously we submitted an application to drill in Section 3 T17S R6E in Emery County. (API #43-015-30160) This location was turned down by the Forest Service due to the rough topography. We now wish to cancel that application.

Your consideration to this application will be greatly appreciated.

Yours truly,

VORTT EXPLORATION COMPANY, INC.

*Larry Watts*  
Larry Watts  
Project Manager

LW/ck

encl. as stated

RECEIVED  
JUL 27 1983

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  
 30' FSL & 97' FWL of section 2 T17S R6E  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 13 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)  
 12,919' FWL of Unit Boundary

16. NO. OF ACRES IN LEASE  
 2382.74

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.  
 None

19. PROPOSED DEPTH  
 6950

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL=8320'

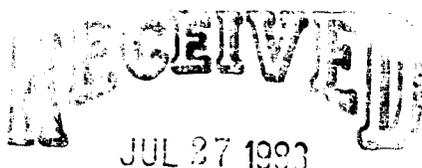
22. APPROX. DATE WORK WILL START\*  
 August 1, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94	100	255 sx Class B
17 1/2"	13 3/8"	54.5	500	375 sx Class B
12 1/4"	9 5/8"	36	2500	450 sx 65/35 Pozmix
8 3/4"	7"	26	6100	350 sx 50/50 Pozmix
6"	4 1/2"	10.5	6950	50 sx 50/50 Pozmix

EXHIBITS:

- A. Ten point compliance program NPL 6.
- B. Multi point surface use plan
- C. Map of existing roads
- D. Location plat
- E. Map "B" showing existing well locations
- F. Blow out preventer
- G. Equipment layout



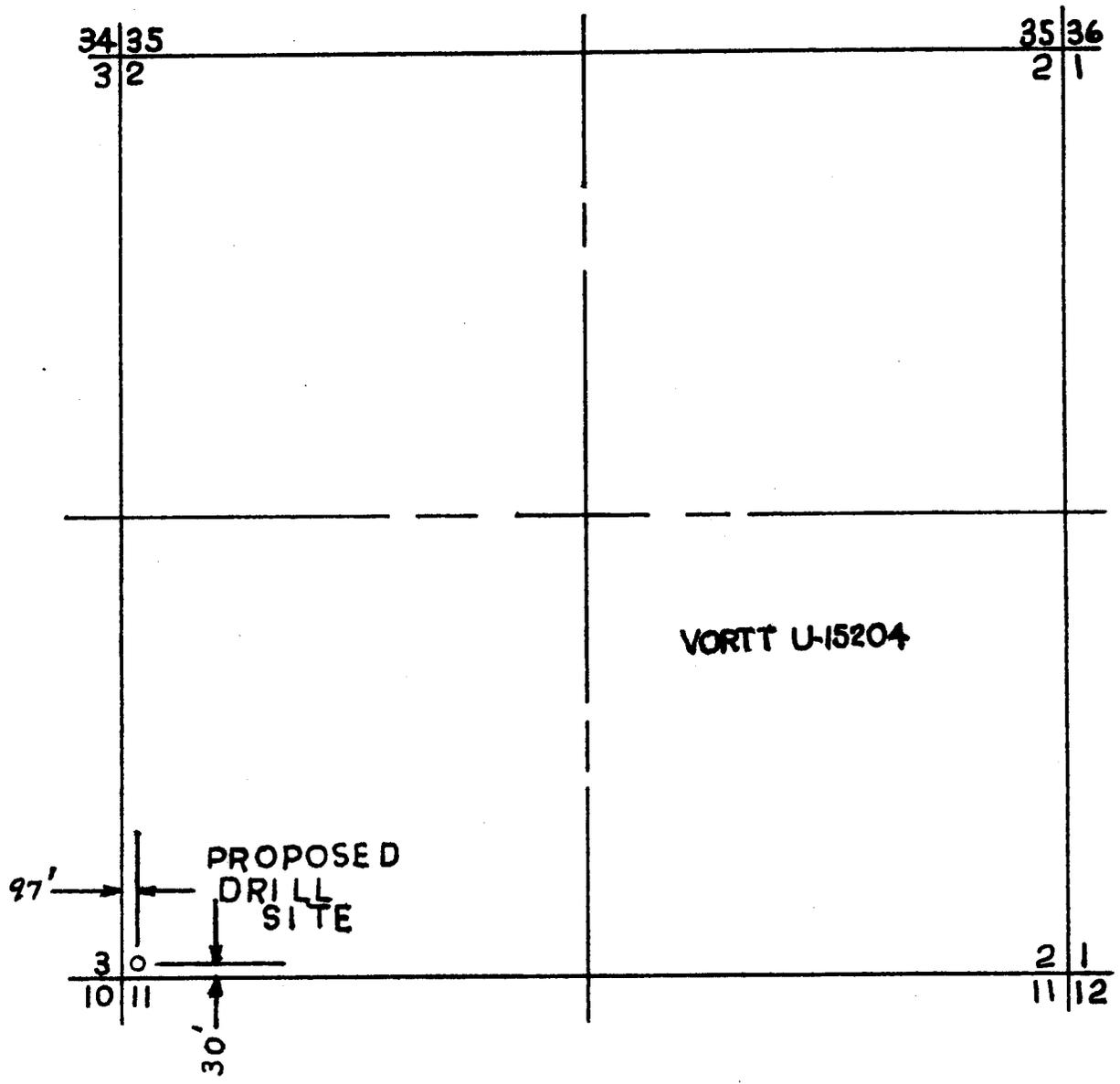
DIVISION OF  
OIL, GAS & MINING

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 Larry Watts TITLE Project Manager DATE July 21, 1983

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE: 7-29-83  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ BY: [Signature]



SECTION	TOWNSHIP	RANGE
2	17S	6E
DATE	SCALE	BLOCK
7-83	1"=1,000	-

Exhibit "D"

INDIAN CREEK  
UNIT

VORTT EXPLORATION CO.

2728 LAREDO DRIVE

FORT WORTH, TEXAS 76116





## VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4901  
P. O. Box 260892728 LARRODO DRIVE  
FORT WORTH, TEXAS 76116EXHIBIT "A"

## TEN-POINT COMPLIANCE PROGRAM OF NIT-6

## APPROVAL OF OPERATIONS

COMPANY: VORTT EXPLORATION COMPANY, INC.

WELL: INDIAN CREEK WELL NO. 021762-3

WELL LOCATION: Section 2, T17S, R6E

COUNTY: Emery County, Utah

1. GEOLOGICAL SURFACE FORMATION

Blackhawk

2. ESTIMATED IMPORTANT GEOLOGICAL MARKERS

<u>FORMATION</u>	<u>DEPTH</u>
Blackhawk	Surface
Starpoint	1150'
Upper Mancos	2250'
Emery	3450'
Middle Mancos	3700'
Ferron	5600'
Dakota	6750'
TD	6950'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GASOR MINERALS

<u>FORMATION</u>	<u>DEPTH</u>	<u>REMARKS</u>
Blackhawk	100'	Water
Ferron	5600'	Gas
Dakota	6750'	Gas

EXHIBIT "A"

Page 2

4. THE PROPOSED CASING PROGRAM

<u>CASING SIZE</u>	<u>LBS/FT</u>	<u>GRADE</u>	<u>COUPLING</u>	<u>DEPTH</u>
20"	94	J-55	Welded	100'
13 3/8"	54.5	J-55	STL	500'
9 5/8"	36	J-55	STL	2500'
7"	26	J-55	LTC	6100'
4 1/2"	10.5	J-55	LTC	6950'

5. THE OPERATOR'S MINIMUM SPECIFICATION FOR PRESSURE CONTROL

The blowout preventer system (Diagram Exhibit ("A-1") to be used consist 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 "C" 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 CHARACTERISTIC OF THE PROPOSED CIRCULATING MEDIUM

The proposed well will be drilled with air. If water is encountered, we will go to mist drilling or aerated drilling by injection drilling soap into the system. If severe water conditions are encountered in the hole a foam, or fresh water mud with get for viscosity a barite for weight will be used. The viscosity and weight of such mud will 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 downhole fires during air drilling operations

EXHIBIT "A"

Page 3

8. THE TESTING, LOGGING AND CORING PROGRAM TO BE FOLLOWED

- a) A test in the Ferron and Dakota formations. 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 test show this treatment beneficial, then a Sundry Notice will be submitted.

9. ANY ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

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

10. THE ANTICIPATED STARTING DATE AND THE DURATION OF THE OPERATIONS

The anticipated starting date will be immediately after approval from all regulatory agencies.

The operations should be completed 45 days after spudding the well.

## VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4901  
P. O. Box 260892728 LAREDO DRIVE  
FORT WORTH, TEXAS 76116EXHIBIT "B"MULTI-POINT SURFACE USE PLANINDIAN CREEK UNIT, WELL NO. 021762-31. EXISTING ROADS

To reach VORTT EXPLORATION COMPANY's Well No. 021762-3 in Section 2, Township 17 South, Range 6 East, Emery County, Utah will be by route of existing Forest Road No. 040 Northward to location approximately  $7\frac{1}{2}$  miles from State Road 29. This is the same road used for access to the other three VORTT wells previously drilled. Generally this road is used by cattle operators, campers, hunters and the Southern portion by Coal Company employees. We plan to maintain the road in present condition or better during drilling operations. Frequent grading will be performed as necessary to keep the road in good condition. Refer to Map "A".

2. PLANNED ACCESS ROAD

A new access road will be constructed Eastward to location from the existing Forest Road No. 040 and will not exceed 500 feet in length. The grade of the access road will generally follow the local terrain and will be consistent with Forestry Service Engineering specifications for road work. During construction the access road will be improved with minimum cuts and fills with drainage as required. It will be graveled according to Forest Service regulations. A gate will be installed at the entrance to the well location if the well proves to be commercial.

3. LOCATION OF EXISTING WELLS

This well is to be classed as a development well although no pipe line has been connected to any of the existing wells. Map "B" shows the location of each existing well with the one mile and two mile radius shown. Below are legal description location of each existing well.

02176-1 1538 FNL & 1240 FWL Sec. 2, Township 17S., Range 6E  
14176-2 3386 FSL & 1766 FEL Sec. 14, Township 17S., Range 6E  
10176-5 2860 FSL & 220 FEL Sec. 10, Township 17S., Range 6E

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Currently, there are no tank batterys, dehydrators, production facilities gathering or service lines in the vicinity of the proposed well.

Should the well prove to be commercial then we propose that a gas gathering line be installed from the North along and near the existing road No. 040 as shown on Map "A". Should condensate be produced from the well a suitable size storage tank will be installed at the well location. All production related equipment with the exception of flow/gathering lines will be located on the well site proper behind security fences. On land that's disturbed and not needed for production facilities it will be rehabilitated according to forest service regulations.

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 the water source at Trail Mountain Mine. In any 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 will be no usage of construction materials from Federal or State lands except for existing soil materials in the immediate area of the well site and access road. Forest Road No. 040 shown on Map "A" will be used to transport materials to the well site.

7. METHODS OF HANDLING WASTE DISPOSAL

All garbage and trash will be put into an enclosed wire trash container and hauled away on a periodic basis. A Port-A-Potty will be provided for human waste. A reserve pit will be used to contain well cuttings and other drilling fluids produced or man made during the course of the drilling operations. After completion of drilling operations ample time should be allowed for the pit to dry before covering it up. General overall clean up of the well site will be done after conclusion of drilling and completion operations.

8. ANCILLARY FACILITIES

No camps or air strips will be used for this project. However, mobile trailers will be used on the site location for the tool pusher, and well supervisor.

9. WELL SITE LAYOUT

Please refer to the attached plat for site location. Refer to attached site layout to show exact location of drilling facilities, pits, pipe

racks, mobile trailers and soil material stockpiles. All earthen pits will not be lined with any type temporary material.

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 and leveling of disturbed area and reseeding will be done in accordance and within the time frame as required by the Forestry Service. Any access roads to be abandoned will be returned to as near as possible to the original condition as practical or left for the use of the Forestry Service if so desired. Should the well prove to be productive then the location site will be reduced to 150' wide by 200' long.

11. OTHER INFORMATION

The terrain at the well location is in a canyon surrounded on the East and West by relatively steep mountainous slopes. The area is generally rough country with large rocks and boulders with intermittent sagebrush flats with occasional trees. Location of the drill site is located South West of Dairy Creek Canyon approximately 3300 feet. Substantial clearing and leveling will be required. The vegetation generally supports the wildlife in the area however no more disturbance than the area consumed by the drill site will not make any negative impact on the wildlife. The soil in the area is mostly derived from degradation of sandstone rock along with minor amounts of limestone. During periodic times through the year there is hunting and camping in the area. There should be little if any adverse effect on either of these activities. There are no human dwellings within several miles of the drill site location. There is an active coal mine located approximately five (5) miles South.

12. OPERATOR'S 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 drill site and access road; that I am familiar

EXHIBIT "B"  
MULTI-POINT SURFACE PLAN  
Page 4

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.

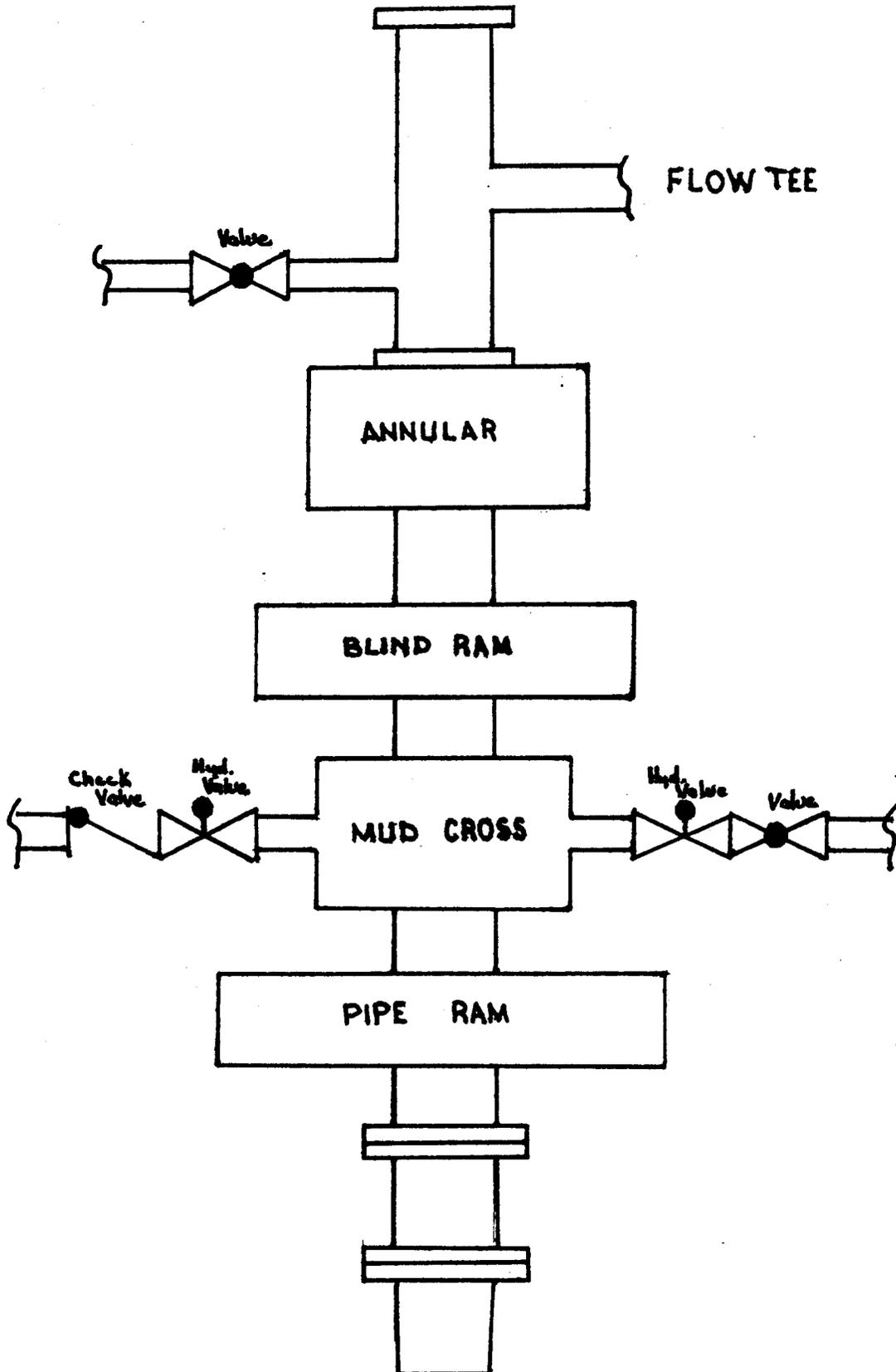
VORIT EXPLORATION COMPANY, INC.

July 22, 1983  
DATE

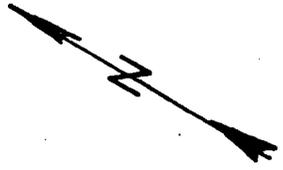
Larry Watts  
NAME LARRY WATTS

PROJECT MANAGER  
TITLE

# B.O.P. DIAGRAM

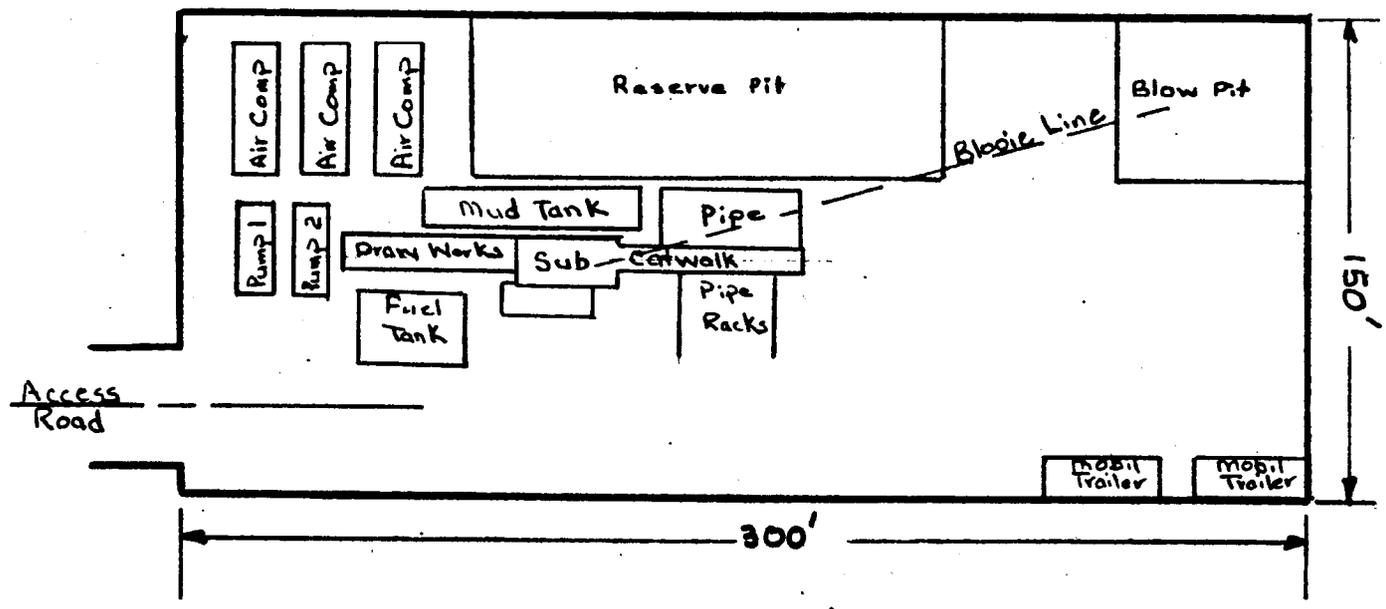


# EXHIBIT D



VORTT EXPLORATION COMPANY, INC.  
INDIAN CREEK NO. 3  
SECTION 2, TOWNSHIP 17S, RANGE 6E  
EMERY COUNTY, UTAH

## EQUIPMENT LAYOUT



SCALE 1" = 50'

OPERATOR VORTT EXPLORATION CO INC DATE 7-29-23

WELL NAME INDIAN CREEK UNIT # 021762-3

SEC SW SW 2 T 17 S R 6 E COUNTY EMERY

43-015-30175  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	MAP	<input type="checkbox"/>	HL
<input type="checkbox"/>	NID	<input type="checkbox"/>		<input type="checkbox"/>	PI

PROCESSING COMMENTS:

STATE HAS ONLY A PORTION OF THIS SECTION

CHIEF PETROLEUM ENGINEER REVIEW:

\_\_\_\_\_  
\_\_\_\_\_

APPROVAL LETTER:

SPACING:  A-3 INDIAN CREEK UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:

WATER

This approval is also contingent upon  
submittal of a survey plat which has been  
prepared by a licensed surveyor or engineer

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON FLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 29, 1983

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

RE: Well No. Indian Creek Unit #021762-3  
SWSW Sec. 2, T. 17S, R. 6E  
30' FSL, 97' FWL  
Emery County, Utah

Gentlemen:

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. Prior to spudding, a copy of the Utah Division of Water Rights (801-533-8071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void. This approval is also contingent upon submittal of a survey plat which has been prepared by a licensed surveyor or engineer.

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

RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-3-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 43-015-30175.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Branch of Fluid Minerals  
Encl.

VANDERVORT'S

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(617) 244-4201  
P. O. Box 28089

2728 LAREDO DRIVE  
FORT WORTH, TEXAS 76116

August 8, 1983

STATE OF UTAH  
NATURAL RESOURCES  
OIL, GAS & MINING  
4241 State Office Building  
Salt Lake City, Utah

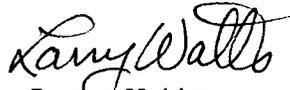
RE: Well No. 021762-3  
Indian Creek Unit  
SWSW Sec. 2, T17S, R6E  
Emery County, Utah

Dear Sir:

Please find enclosed a survey plat which has been prepared by a licensed surveyor. Please note correction of well location. New location is 30.7 ft. FNL and 87.14 FWL of Section 2.

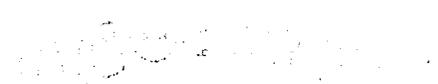
Yours truly,

VORTT EXPLORATION COMPANY, INC.

  
Larry Watts  
Project Manager

LW/ck

encl. as stated

  
AUG 12 1983

DIVISION OF  
OIL AND GAS



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 4, 1984

Vortt Exploration Co.  
P.O. Box 26089  
Fort Worth, Texas 76116

Re: Indian Creek #021762-3  
API #43-015-30175  
30' FSL, 97' FWL SW/SW  
SEc. 2, T. 17S, R. 6E.  
Emery County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

If spudding has not occurred within one year of the date of approval for this well, approval to drill is rescinded.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones  
Well Records Specialist

CJ/cj

## VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 44-4201  
P. O. Box 26089

2728 LAREDO DRIVE  
FORT WORTH, TEXAS 76116

January 10, 1984

Ms. Claudia Jones  
State of Utah Natural Resources  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

RE: Indian Creek #021762-3  
API #43-015-30175  
30' FSL, 97' FWL SW/SW  
Sec. 2, T17S R6E

Dear Ms. Jones:

In reference to your letter dated January 4, 1984, concerning the drilling of the Indian Creek #021762-3 well, we would like to report that this well has not been spudded to date.

We have not received approval to drill this well from the BLM and Forest Service but expect to have approval by May or June of 1984 and we will get to work promptly thereafter.

Should we go past the one year deadline you will be notified immediately as to our intentions.

Yours truly,

VORTT EXPLORATION COMPANY, INC.



Larry Watts  
Project Manager

LW/ck

RECEIVED  
JAN 13 1984

DIVISION OF  
OIL, GAS & MINING

**STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-15204</b>
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
2. NAME OF OPERATOR <b>VORIT EXPLORATION COMPANY, INC.</b>		7. UNIT AGREEMENT NAME <b>Indian Creek</b>
3. ADDRESS OF OPERATOR <b>P. O. BOX 26089, Fort Worth, Texas 76116</b>		8. FARM OR LEASE NAME ---
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <b>AT SURFACE 30' FSL &amp; 97' FWL Of Section 2, T17S, R6E</b>		9. WELL NO. <b>021762-3</b>
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
15. ELEVATIONS (Show whether of, to, on, etc.) <b>GL-8320'</b>		11. SEC., T., R., M., OR BLE. AND SURVEY OR ABBA <b>Sec. 2, T17S, R6E, SLB &amp; I</b>
		12. COUNTY OR PARISH <b>Emery</b>
		13. STATE <b>Utah</b>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDISE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETS <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDISING <input type="checkbox"/> (Other) <u>Progress Report</u> <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>

(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.)\*

Awaiting approval to drill from the BLM and Forestry Service

RECEIVED

JAN 10 1984

**DIVISION OF  
OIL, GAS & MINING**

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

SIGNED <u>Larry Wallis</u>	TITLE <u>UTAH PROJECT MANAGER</u>	DATE <u>1-10-84</u>
----------------------------	-----------------------------------	---------------------

(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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEEN  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

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 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 13 miles West of Huntington, Utah

16. DISTANCE FROM PROPOSED\* 12,919' FWL of Unit  
 LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Boundary  
 2382.74

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None  
 19. PROPOSED DEPTH 6950

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL=8320'

23. PROPOSED CASING AND CEMENTING PROGRAM

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12 1/4"	9 5/8"	36	2500	450 sx 65/35 Pozmix
8 3/4"	7"	26	6100	350 sx 50/50 Pozmix
6"	4 1/2"	10.5	6950	50 sx 50/50 Pozmix

EXHIBITS:

- A. Ten point compliance program NTL 6.
- B. Multi point surface use plan
- C. Map of existing roads
- D. Location plat
- E. Map "B" showing existing well locations
- F. Blow out preventer
- G. Equipment layout

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 Larry Watts TITLE Project Manager DATE July 21, 1983

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY s/Kenneth V. Rhea TITLE Associate District Manager DATE 3/12/84

CONDITIONS OF APPROVAL, IF ANY:

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

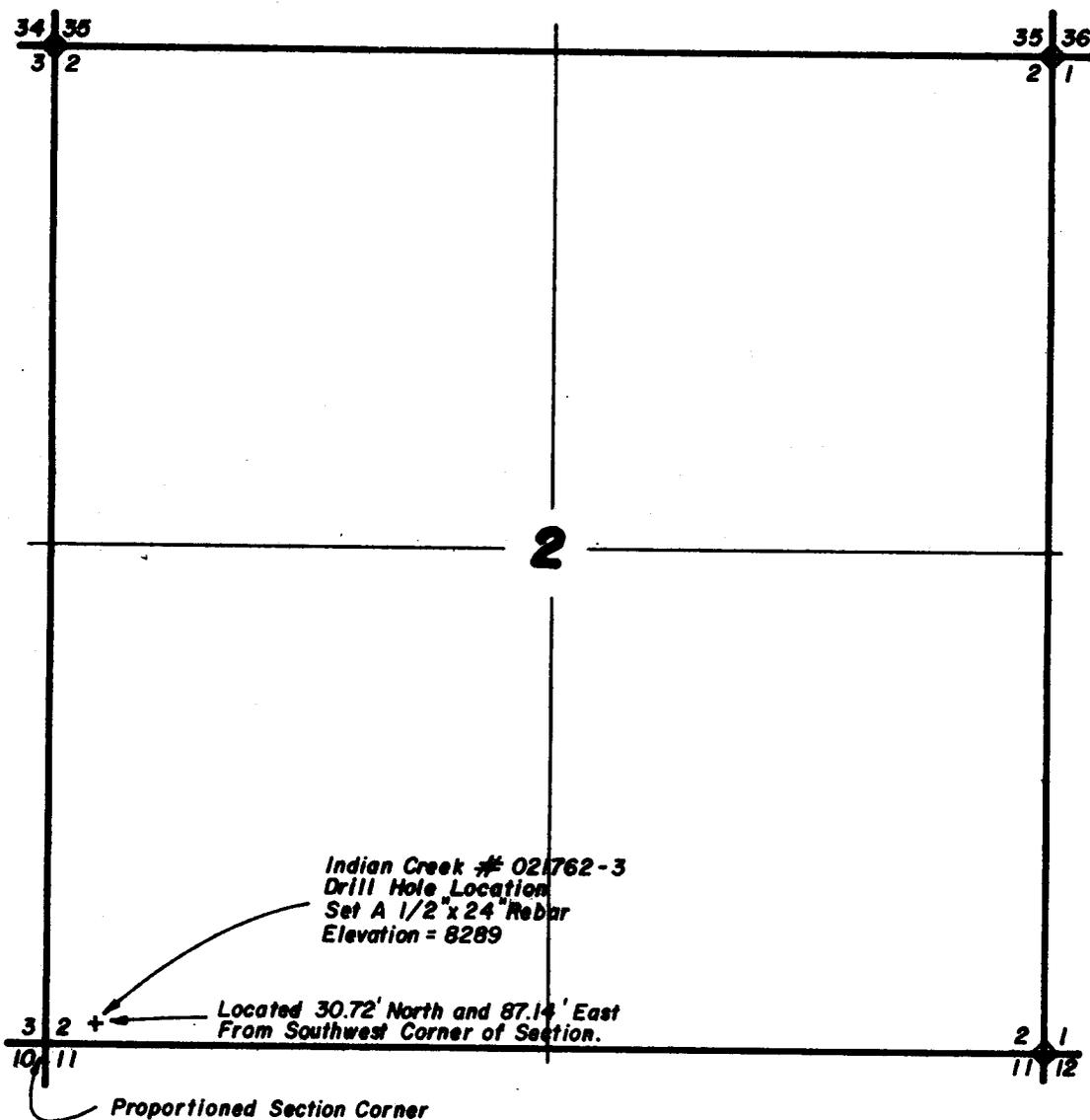
SUBJECT TO RIGHT OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



DIVISION OF OIL, GAS & MINING

TOWNSHIP 17 SOUTH



**Basis Of Bearing**

Basis Of Bearing Is  $N 3^{\circ} 58' W$ , Between The Southeast Corner And The East  $1/4$  Corner Of Section 10, T17S, R6E, S.L.B.&M. From The Retracement Survey Made On June 22, 1900, From G.L.O. Notes.

**Legend**

- ◊ Found Brass Cap Section Corner
- Found Brass Cap One Quarter Corner

**Surveyors Certificate**

I, EVAN E. HANSEN, Do Hereby Certify That I Am A Registered Land Surveyor Holding Certificate No. 3115 As Prescribed Under The Laws Of The State Of Utah. I Further Certify That I Have Made A Survey Of The Tract Of Land Shown On This Plat And That It Is True And Correct To The Best Of My Knowledge.

Evan E. Hansen

JULY 22, 1983  
Date

<b>Empire Engineering</b>		
86 North 200 East Price, Utah 84501		
<b>Vortt Exploration Co. Inc.</b>		
<b>Indian Creek No. 021762-3</b>		
DRAWN BY: B.L.P.	APPROVED BY: E.E.H.	DRAWING NO.
DATE: 7/21/83	SCALE: 1" = 1000'	<b>EE06-045B</b>

Vortt Exploration Company, Inc.  
Well No. 021762-3  
Section 2, T. 17 S., R. 6 E.  
Emery County, Utah  
Lease U-15204

Supplemental Stipulations:

1. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Blackhawk and Starpoint formations. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.
2. A Road Use Permit is required prior to moving any heavy equipment over Forest Service roads. Road improvements required will be identified in the Road Use Permit and will be consistent with the design, operation, and maintenance decisions identified in the Design Criteria (Table 1).
3. Drill pad and access road plans must be approved by the Forest Service prior to surface disturbance.
4. An onsite preconstruction meeting involving Vortt, the Forest Service and all involved contractors will be held prior to commencement of construction activities. The drill pad(s) and access road(s) must be construction staked prior to this meeting.
5. Water needed in support of operations must be properly and legally obtained according to State water laws. The location of diversion, if on National Forest System lands, is subject to Forest Service review and approval.
6. The permittee must notify the Emery County Assessor when drilling equipment is moved into Emery County. Such notification shall occur within 2 working days after the equipment enters the county.
7. Move in and/or out of the drill rig must be coordinated with Diamond Shamrock's Trail Mountain Mine in Cottonwood Canyon and with the livestock permittees to prevent possible conflicts with mine use or cattle movement. Move in or out of the drilling rig shall not be on holiday weekends or openings of big game hunting seasons.
8. No drilling and/or production related campsites will be permitted in Cottonwood Canyon.
9. Top soil will be removed and stockpiled at the beginning of site preparation.
10. Access roads leading to drill pads from the Cottonwood Road must enter pad areas 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 pads left unreclaimed to support production facilities if the wells become producers.

11. Self-contained sanitation facilities shall be present at all times when crews are working at the sites.
12. Any and all damages to resources, structures and improvements which result from the permittee's operations must be repaired as soon as possible. The Forest Service must be notified of such damages. Repairs must meet Forest Service specifications.
13. Fire suppression equipment must include a minimum of one hand tool per crew member consisting of shovels and pulaskis, and one properly rated fire extinguisher per vehicle and/or internal combustion engine.
14. Drilling related vehicle operators must observe safe speeds commensurate with road and weather conditions.
15. At the conclusion of drilling the reserve pit must be fenced until dry to prevent livestock and wildlife from drinking the contaminated water. Should the well become a producer, and a pit is required on site, then the pit (or entire production pad) must remain fenced until final reclamation occurs.
16. Contaminated soils and gravel will be placed in the reserve pit and buried at the conclusion of drilling and/or production operations or hauled off National Forest lands and disposed of properly.
17. All garbage, supplies, materials, equipment, old vehicles, etc. that were in any way part of the operations but are no longer needed, will be hauled off National Forest system lands. These materials will all be removed at least by the end of each drilling season.
18. If any of the wells do not become producers, final reclamation will be completed as soon as possible. Final reclamation will include the following:
  - a. The site will be returned to the approximate original contour.
  - b. Top soil will be evenly redistributed on the site.
  - c. The permittee will perform a soils analysis of the site to determine if fertilizer will be applied to assure vegetative reestablishment.
  - d. Seeding of the site shall occur in the fall, between September 15 and November 15. The site will be harrowed after seeding to insure proper burial of the seed.
  - e. The following certified seed mix will be used for reseeding all disturbed areas in Cottonwood Canyon at a rate of 15 lbs./acre;

<u>Common Name</u>	<u>Scientific name</u>	<u>Rate of application/acre</u>
Western wheatgrass	<u>Agropyron smithii</u>	4 lbs.
Intermediate wheatgrass	<u>Agropyron intermedium</u>	4 lbs.
Crested wheatgrass	<u>Agropyron cristatum</u>	3 lbs.
Smooth brome	<u>Bromus inermis</u>	3 lbs.
Ladak alfalfa	<u>Mediacago sativa ladak</u>	½ lb.
Yellow sweetclover	<u>Melilotus officinalis</u>	½ lb.
	TOTAL	15 lbs./acre

NOTE: Sites will be considered successfully revegetated when 80% of the adjacent existing cover is established or when ground cover is 60%. 50% of the plant composition must be seeded or other desirable native plant species.

- f. The reclaimed area will be fenced with 4-strand barbed wire until the vegetation is reestablished to prevent cattle from disturbing the site.
  - g. Reclamation may include scattering large boulders over the site prior to seeding.
19. Wells that do go into production will have the drill pad partially reclaimed, leaving only as much of the original pad present as is necessary for production. All areas not needed for production activities or facilities will be reclaimed, as discussed above, as soon as possible.
  20. Enough topsoil must be saved during partial reclamation to reclaim the remainder of the drill site when production is finished and the site is given final reclamation. This top soil must be stored and stablized with vegetation (see seed mix above) until it is used.
  21. Vortt will control noxious weed invasions associated with their disturbed areas in Cottonwood Canyon.

The following mitigation measures apply to the production phase of the operations:

1. Production facilities must be fenced.
2. Production facility equipment must be painted a color to blend with the natural surroundings. Forest Service will determine the color(s) to be used.
3. If large quantities of water are encountered, Vortt will need to submit a revised waste water disposal plan. If waste water becomes a problem, production may need to be suspended until the revised plan is approved.
4. No harassment of wildlife will be permitted.
5. The producing wells will be signed to inform and warn the public of the operations and hazards.

The following Stipulations are site specific and apply to the indicated site:

Indian Creek #3

1. The section corner/survey marker must be protected, or if disturbance is necessary, permission must be obtained from the proper authority, and a reference established and the corner remonumented after reclamation.
2. Vortt must take all necessary measures to prevent contamination of soils and water around the project by containing all drill muds, fluids, fuels, and other contaminants during all phases of the operations.

TABLE 1:

# DESIGN CRITERIA DESIGN, OPERATION, AND MAINTENANCE DECISIONS

ROAD NUMBER: 50040 MP 3.1 TO 10.0 ROAD FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR NATIONAL FOREST: MANITI-LASAL APPROVED BY: \_\_\_\_\_  
ROAD NAME: COTTONWOOD DISTRICT: FERRON D-2 TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

9. User (Traffic Type)	1. Resource Management Objectives		2. Environmental Constraints	3. Safety Considerations	4. Physical Environ. Factors	5. Traffic Req'mts	6. Trf Svc. Level	7. Design & Critical Vehicle	9. Economics (Alternative Considered)	Decision		
										Design Stds. for Design Elements, Const. Tolerance	Operation Requirements	Monitoring Requirements
DISPERSED AND RURAL RECREATION	PROVIDE FOR THE DISPERSED RECREATION USE IN THE COTTONWOOD BOTTOM, TRAIL MTN. TOP, EAST MTN TOP AND UPPER JOES VALLEY AND THE MOVEMENT OF RURAL RECREATION TO UPPER JOES VALLEY INCLUDING HEAVY USE DURING BIG GAME HUNTS 47000 RUD/YR 5000 RUD/YR		1. PREVENT SOIL LOSSES DURING DRY SEASONS AS A RESULT OF HEAVY VOLUMES OF TRAFFIC OR HEAVY LOADS OVER NATIVE SURFACES.	MP 3.1-4.1 NARROW WIDTH P&T TURNOUTS ROAD HORIZONTAL ALIGNMENT	MP 3.1-4.1 COTTONWOOD CREEK LEFT AT TOE OF FILL - STEEP TOP ON RIGHT	35 SAOT	B	AUTO'S MOTORHOMES CAMPER VEHICLES WITH TRAILERS AND	MINERAL ACTIVITIES WILL BE REQUIRED FOR SAFE AND ADEQUATE MOVEMENT OF THEIR TRAFFIC AND EXISTING FOR USES.	GRADE DSEE ATTACHED REQUIREMENTS	1. ROAD CLOSURE ORDER TO COMMERCIAL USE WITHOUT ROAD USE PERMIT 2. COMMERCIAL USE TO SIGN ROAD TO INDICATE MINERAL ACTIVITIES AND TRUCK TRAFFIC IN AREA 3. SIGN ROAD TO INFORM PUBLIC OF CONSIDERABLE ACTIVITIES IN AREA 4. PROHIBIT MOVEMENT OF LARGE LOADS OR TRAFFIC VOLUME OVER ROAD RECREATION ACTIVITIES 5. RESTRICT EXPLORATION, DEVELOPMENT, OR PRODUCTION TRAFFIC DURING WET SEASON OR OVER UNIMPROVED SATURATED SURFACES	1. Maintain the road to remove sediment and/or washboard caused by movement of heavy loads. 2. Prevent excessive dusting in stabilizing and maintenance.
FUEL WOOD	PROVIDE FOR REMOVAL OF FUEL WOOD FROM THE COTTONWOOD BOTTOM, TRAIL MTN TOP, EAST MTN TOP, AND UPPER JOES VALLEY. 2500 CORDS/YR		2. PREVENT SOIL LOSSES DURING WET WEATHER AS A RESULT OF HEAVY VOLUMES OF TRAFFIC OR HEAVY LOADS OVER NATIVE SURFACES ON SUBGRADE BELOW NATURAL GROUND LEVEL		MP 4.1-10.0 SANDY SUBGRADE BELOW NATURAL GROUND MP 4.8-7.7 CANYON BOTTOM WIDENINGS MP 3.1 TO 10.0 COTTONWOOD CREEK PARALLELS ROAD	7 SAOT		PICKUPS VEHICLES WITH TRAILERS 4WD PICKUP STOCK BED TRUCKS 4WD	Forest Service shall provide for its common sense share of maintaining			
RANGE	ALLOW FOR PASSAGE OF LIVE STOCK ONTO AND OFF THE RANGE. PROVIDE VEHICLE ACCESS FOR THE MONITORING AND MANAGEMENT OF THE HERDS OR FLOCKS. PROVIDE FOR EMERGENCY VEHICLE REMOVAL OF STOCK 5000 RUM/YR		3. PREVENT SEDIMENT FROM ENTERING THE COTTONWOOD CREEK A MUNICIPAL WATER SHED	STOCK CAN BE EXPECTED ALONG ENTIRE ROUTE HEAVY TRUCK TRAFFIC COULD CAUSE CONGESTION DURING PEAK RECREATION PERIODS		6 SAOT		LOGGING TRUCKS LOW-BOYS PICKUPS 4WD				
TIMBER	PROVIDE FOR LIGHT TIMBER PRODUCTION FROM THE EAST MTN TOP, TRAIL MTN TOP, AND UPPER JOES VALLEY. USE COTTONWOOD CANYON ROAD AS AN ALTERNATE ROUTE TO MILLER FLAT ROAD AND STRAIGHT CANYON HIGHWAY.					LESS THAN 5 SAOT						

TABLE 1: cont.

# DESIGN CRITERIA DESIGN, OPERATION, AND MAINTENANCE DECISIONS

ROAD NUMBER: 50040 CONT.

ROAD FUNCTIONAL CLASSIFICATION \_\_\_\_\_

NATIONAL FOREST: \_\_\_\_\_

APPROVED BY \_\_\_\_\_

ROAD NAME: \_\_\_\_\_

DISTRICT: \_\_\_\_\_

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

9. User (Traffic Type)	1. Resource Management Objectives		2. Environmental Constraints	3. Safety Considerations	4. Physical Environ. Factors	5. Traffic Req'mts	6. Trf Svc. Level	7. Design & Critical Vehicle	9. Economic (Alternative Considered)	Decision		
										Design Stds. for Design Elements. Const. Tolerance	Operation Requirements	Mainten. Require. See FSH
MINERALS OIL/GAS EXPLORATION DEVELOPMENT PRODUCTION COAL EXPLORATION	ENCOURAGE THE DEVELOPMENT OF MINERAL RESOURCES CONSISTENT WITH ADEQUATE ENVIRONMENTAL PROTECTION AND OTHER LAND AND RESOURCE ALLOCATIONS, GOALS, AND OBJECTIVES, THEREFORE PROVIDED FOR SAFE AND ADEQUATE TRANSPORTATION FOR EXISTING USES AND MINERAL PROPOSED USES.		4. PREVENT SEDIMENT FROM ENTERING LOWER COUNTRY CREEK A HIGH VALUE FISHERY	HEAVY TRAFFIC COULD CAUSE DUSTING AND REDUCED SIGHT DISTANCE AND CAUSE CONGESTION DUE TO LACK OF PASSING OPPORTUNITIES		OIL/GAS EXP 16, SAOT COAL EXP 10 SAOT.		LOW-BOY SEMI-TRUCK 10-WHEEL TR OVER WEIGHT LOADS B500 OVER WIDE LOADS 10-14 FT PICKUPS AND		→ CARVE WIDENING	6. RESTRICT SPEED IN ACCORDANCE TO EXISTING ROAD AND WEATHER CONDITIONS.	
										→ GRADE		
			5. LOCATE AND DESIGN PLACEMENT OF OTHER MINERAL RELATED TRANSPORTATION FACILITIES TO MAINTAIN VISUAL QUALITIES	LARGE PERCENTAGE OF TRUCK IN TRAFFIC MAY REDUCE SAFE PASSING OPPORTUNITIES		OIL/GAS PROD 3 SAOT.						

3. Ensure drainage is adequate to maintain prior to spring  
 runoff and storm and to bare winter shut down of use in  
 mountain

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Vortt Exploration Company, Inc.

Well No. 021762-3

Location Section 2, T. 17 S., R. 6 E.

Lease No. U-15204

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a week-end or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Robert (Bob) Graff

Office Phone: 801-259-6111 Ext 216 Home Phone: \_\_\_\_\_

City: Moab State: Utah

Resource Area Manager's Address and contacts are:

Address: 900 N. 700 E., P.O. Box AB, Price, Utah 84501

Your contact is: Mervin Miles

Office Phone: 801-637-4584 Home Phone: 801-748-2249

## 7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
  - d. Date was placed in a producing status.
  - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.
- g. If appropriate, the unit agreement name, number and participating area name.
- h. If appropriate, the communitization agreement number.

13.

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SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

## ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

VANDERVOORT'S

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

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

October 30, 1984

2728 LAREDO DRIVE  
FORT WORTH, TEXAS 76116

RECEIVED

NOV 05 1984

DIVISION OF OIL  
GAS & MINING

State Of Utah  
Oil, Gas & Mining Division  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: Sundry Notices &  
Reports on Wells  
Well # 021762-3  
Sec 2, T17S, R6E  
Emery County, Utah

Dear Sirs:

Kindly find enclosed the Sundry Notices on the above well.

Please excuse the lateness of these reports. I have been extremely busy with this project.

Should you require any more information, please feel free to call on me at any time.

Sincerely,

VORTT EXPLORATION COMPANY, INC.

  
Brian Bonnell  
Project Manager

BB/gd

Encl as stated

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: 30' FSL & 97' FWL  
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:

RECEIVED

NOV 05 1984

DIVISION OF GAS & MINING

5. LEASE	U-15204
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	INDIAN CREEK
8. FARM OR LEASE NAME	
9. WELL NO.	021762-3
10. FIELD OR WILDCAT NAME	Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	SEC. 2, T 17S, R 6E, S1B&M
12. COUNTY OR PARISH	Emery
13. STATE	Utah
14. API NO.	43-015-30175
15. ELEVATIONS (SHOW DF, KDB, AND WD)	GL = 8320'

(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.)\*

T. D. well @ 6953'

Kindly find daily drilling report attached for dates this report covers.  
Covers September 18, 1984 to September 30, 1984.

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

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

SIGNED Brian Bonnell TITLE Project Manager DATE October 29, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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 76105

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 30' FSL & 97' FWL  
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 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) Rehabilitate well site location and install production equipment (SEE SKETCH FOR DETAILS)

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.)\*

- A. Rehabilitate well site
- B. Install the following production equipment
  - 1. Production pak
  - 2. 210 BBL Tank
  - 3. Meter Run (inside of production pak)
  - 4. Associated piping

Rehabilitation and equipment is to be completed in the Summer Season of 1984.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Brian Bonnell TITLE Project Manager DATE October 29, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE  
U-15204

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
----

7. UNIT AGREEMENT NAME  
INDIAN CREEK

8. FARM OR LEASE NAME  
----

9. WELL NO.  
21762-3

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 2, T17S, R 6E, SLB&M

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

14. API NO.  
43-015-30175

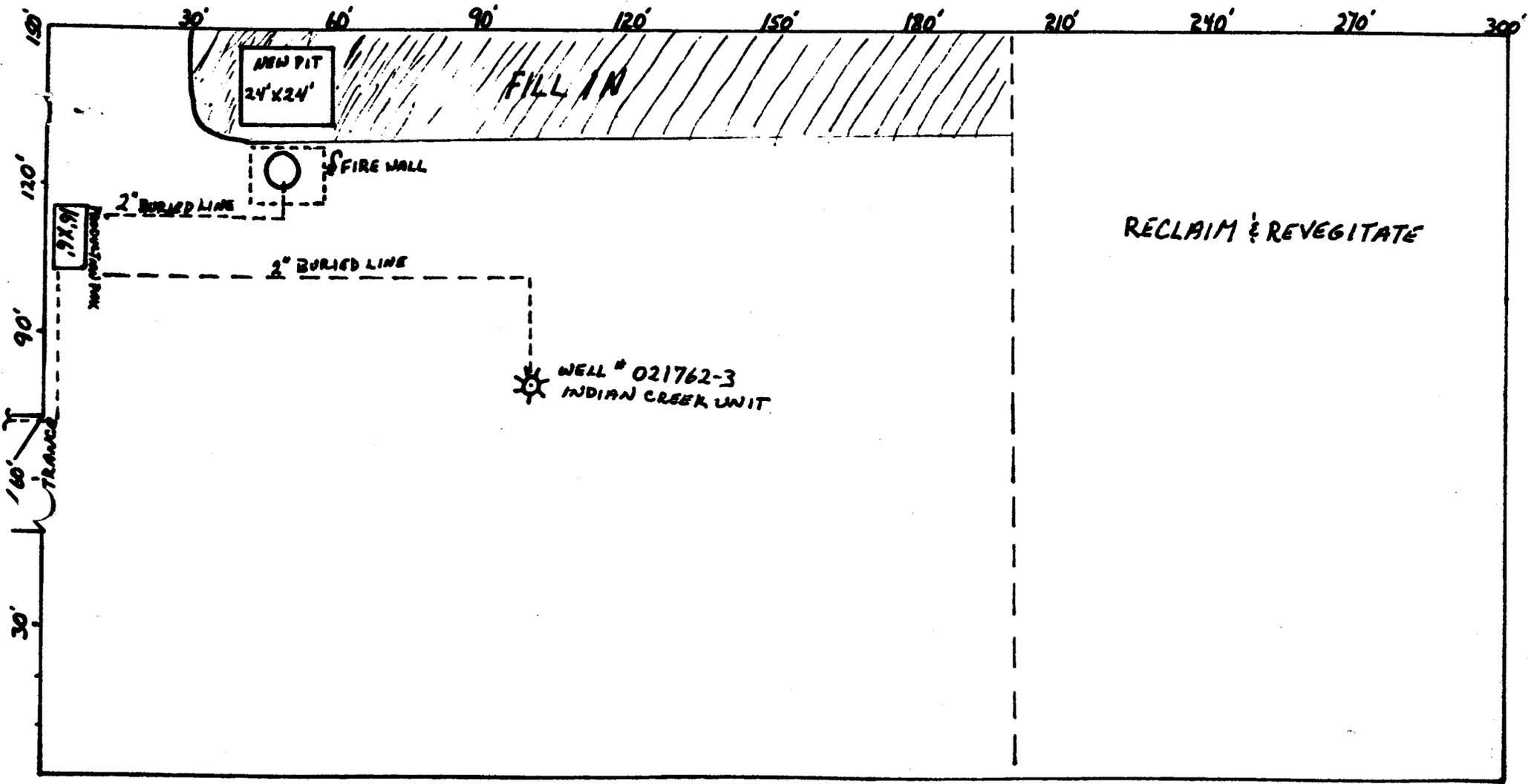
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GL = 8320

RECEIVED

NOV 05 1984

DIVISION OF OIL  
GAS & MINING

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



NEW PIT  
24' X 24'

FILL IN

FIRE WALL

2" BURIED LINE

2" BURIED LINE

WELL # 021762-3  
INDIAN CREEK UNIT

RECLAIM & REVEGITATE

30' 60' 90' 120' 150' 180' 210' 240' 270' 300'

120'

90'

60'

30'

IRRAWADDI RIVER

PROPOSED POND

September 18, 1984

Schlumberger ran Cement Bond Log fr liner top 6044 ft. to 6600 ft. Good bond on producing zone. TIH with packer on 2 3/8" tubing, displaced hole 2% KCL water. Perforated 1 shot/ft. 6553' to 6558', 6522' to 6529' and 6497' to 6505'. Shut down for night.

September 19, 1984

Shut-in tubing pressure -0- P.S.I. Set packer at 6540'. Broke down perfs 6553' - 58' w/250 gals of methanol and 250 gals 7 1/2% HCL. Had good ball action. Balled out at 4000 P.S.I.G. w/average rate of 3 BBLS/minute at 1800 P.S.I.G. I.S.I.P. 600 P.S.I.G. 5 min. shut in 200 P.S.I.G. Pumped total of 40 BBLS. Swabbed back 40 BBLS. No show of gas - swabbed dry. Moved packer to 6430'. Broke down perfs 6522' - 29' & 6497' - 6505'. 500 gals of methanol & 500 gals. 7 1/2 HCL. Had good ball action. Balled out at 4000 P.S.I.G. w/average rate of 3 BBLS/minute at 2000 P.S.I.G. -- I.S.I.P. 700 P.S.I.G. -- 5 minute shut-in 300 P.S.I.G. Pumped total of 60 BBLS -- swabbed back 50 BBLS - no show of gas. Shut down for night.

September 20, 1984

Shut in tubing -0- P.S.I.G. Swabbed 25 BBLS final 10 BBLS drilling mud & formation water. Total recovery 75 BBLS. No show of gas -- released packer - pulled out of hole. Shut down for night.



## VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 844-4901  
P. O. Box 28088

021762  
#3 INDIAN CREEK  
DRILLING REPORT  
Page 13

8728 LAREDO DRIVE  
FORT WORTH, TEXAS 76104

September 21, 1984

Rig up Schlumberger. Set cast iron bridge plug at 6035'. 10' cement on plug. Perf 1 shot/ft 5879-93. Run in hole w/tubing. Set at 5760'. Broke down perfs w/250 gal methanol and 500 gals 7 1/2% HCL. Good ball action. Balled out at 3000 P.S.I.G. Average rate 4 BBLS/min at 2200 P.S.I.G. I.S.I.P. 1200 P.S.I.G. 5 min shut in 500 P.S.I.G. Began swab back. Swabbed 115 BBLS back, 145 BBLS left to recover. Shut down for night.

September 22, 1984

Shut-in tubing 50 P.S.I.G. Blew well down. Swabbed 140 BBLS composed of drilling mud & breakdown fluids. Shut down 5 hrs to repair sand line. 5 BBLS left to recover.

September 23, 1984

Shut-in tubing 50 P.S.I.G. Blew well down. Fluid level at 2000'. Swabbed 100 BBLS drilling mud filtrate (recovery is fresh water). Rig down. Will pump nitrogen down annulus on 9-24. Water sample analysis of Dakota;  
 $R_w = 0.709$  at 68°F.  
Chlorides = 9000 parts per million

- September 24, 1984 Pumped 150,000 SCF Nitrogen down the annulus, well unloaded 250 BBL clear fresh water. No shows of gas. Shut down for night.
- September 25, 1984 Shut-in tubing pressure -0- P.S.I.G. Waiting on workover rig to perforate upper Ferron.
- September 26, 1984 Shut-in tubing pressure -0- P.S.I.G. Rig up, pull out of hole w/tubing. Set cast iron bridge plug 5770'. Perforate 1 shot/ft 5550'- 5560', 5530' - 5540'. Shut down for night.
- September 27, 1984 RIH w/tubing. Set @ 5404'. Breakdown perms w/250 gals. methanol and 750 gals 7 1/2% HCL. Average rate 3 BBLs/min @ 1000 P.S.I.G. No ball action. I.S.I.P -0- P.S.I.G. 250 BBLs to recover. Swabbed 150 BBLs. 6' flare ahead of fluid. Good gas show in fluid. 100 BBLs left to recover. Shut down for night.
- September 28, 1984 Shut-in tubing 260 P.S.I.G. Shut-in Casing 375 P.S.I.G. Rig up Western. Fraced w/64,000 gal 2% KCL water 75% quality foam; 50,000# 20 - 40 sand. Average rate 30 BBLs/min @ 1600 P.S.I.G. I.S.I.P. 1400 P.S.I.G. 10 min shut-in 1200 P.S.I.G. Shut-in 2 hrs. Opened well up on 10/64 choke for 2 hrs. Flow well overnight 16/64 choke. 20' flare. Will gauge today when stabilizes.



## VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 844-4801  
P. O. Box 29088

021762  
#3 INDIAN CREEK  
DRILLING REPORT  
Page 14

2728 LAREDO DRIVE  
FORT WORTH, TEXAS 76102

- September 29, 1984 Well began flowing dry gas at 12:00 p.m. noon. Flowing tubing pressure 750 P.S.I.G. 16/64 choke. Estimated 1.2 MMCF/Day. Shut well in for night.
- Well Hook-Up: Began trenching for flow line. Spotted separator and methanol injector.
- September 30, 1984 S.I.T.P. 900 P.S.I.G. Move in rig and rig up. Pumped 150 BBLs 2% KCL water down tubing. P.O.O.H. w/tubing. R.I.H. w/Mountain States Model R Packer on 167 joints 2 3/8 4.70# J-55 tubing. Set to the right w/20,000# compression. Packer set @ 5404'.

## VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201  
P. O. Box 28089

November 5, 1984

2728 LAREDO DRIVE  
FORT WORTH, TEXAS 76116

**RECEIVED****NOV 07 1984****DIVISION OF OIL  
GAS & MINING**

UTAH STATE DIVISION  
OIL-GAS MINING  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Re: Indian Creek Unit #3  
Sec. 2, T 17 S, R6E  
Emery County, Utah

Gentlemen:

Enclosed kindly find two (2) Completion Reports and Four Point Test on the above mentioned well.

Also enclosed for your convenience is the Dual Induction and Compensated Neutron logs run on this well.

Should you require further information, please feel free to contact me.

Sincerely,

VORTT EXPLORATION COMPANY, INC.



Brian Bonnell  
Project Manager

BB/gd

Encls 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-R355.5

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

2. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

3. 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 instructions on reverse side)  
At surface 30' FSL & 97' FWL of Sec 2, T17S, R6E  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 43-015-30175  
DATE ISSUED 7-29-83  
3-12-84

5. LEASE DESIGNATION AND SERIAL NO.  
U-15204

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
---

7. UNIT AGREEMENT NAME  
Indian Creek

8. FARM OR LEASE NAME  
---

9. WELL NO.  
021762-3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec 2, T 17 S, R6E  
SLB & M

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

15. DATE SPUNDED 7-30-84  
16. DATE T.D. REACHED 9-1-84  
17. DATE COMPL. (Ready to prod.) 10-19-84  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* GL=8320 KB=8331.5  
19. ELEV. CASINGHEAD 8322

20. TOTAL DEPTH, MD & TVD 6955'  
21. PLUG, BACK T.D., MD & TVD 5770'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY  
24. ROTARY TOOLS  
25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5550' - 5560' (LSPF) & 5530' - 5540' (LSPF) Ferron  
25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL, CNL, CBL, VDL, SEL & GR  
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"	94	68'	27"	255 SX CLASS B	-----
13 3/8"	54.5	498'	17 1/2"	250SX 50/50 POSMIX-50SX	-----
9 5/8"	36	2500'	12 1/4"	Class C, 500SX Class G	-----
7"	26	6100'	8 3/4"	500SX 65/35 POSMIX & 210SX Class H	-----
				350 SX 50/50 POSMIX	-----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	6044'	6952'	100	-----

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5404'	5404'

31. PERFORATION RECORD (Interval, size and number)

5550' - 5560'	1 SPF	10 holes
5530' - 5540'	1 SPF	10 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5550'-5560'	64,000 Gals, 2% KCl, 75% Foam
5530'-5540'	50,000 lbs. 20/40 Sand
	Acidized w/750 gals 7 1/2% HCl & 250 gals Methanol

33. PRODUCTION

DATE FIRST PRODUCTION W.O. Pipeline  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing  
WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
10-31-84	8 hrs.	various	→	2	510	0	2550
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
690	PKR	→	8	3900	0	56	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented  
TEST WITNESSED BY  
George Turner

35. LIST OF ATTACHMENTS  
Four Point Test & above mentioned logs

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

SIGNED Brian Pontell TITLE Project Manager DATE 11-5-84

\*(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, 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 oil or State office. See instructions on items 22 and 24, and 24, and 24, below regarding separate reports for separate completions.

**Item 1:** 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 Federal office for specific instructions.

**Item 18:** 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. **Item 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: "Seals 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.)

27. 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	2176'	2270'	Dry
Emery	2420'	2455'	Dry
Ferron	5523'	5564'	Gas
Ferron	5880'	5895'	Dry
Dakota	6478'	6530'	Dry
Cedar Mountain	6550'	6560'	Dry

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Star Point	655'	
Upper Mancos	1057'	
Emery	2171'	
Middle Mancos	3590'	
Ferron	5523'	
Dakota	6467'	
Cedar Mountain	6529'	



**PRODUCTION ENGINEERING**

Sterling, Colorado 80751

**WELL TESTING DATA**

Date of Test OCTOBER 31, 1984

Well No. 3 Company VORTT EXPLORATION

Field \_\_\_\_\_ County EMERY State UTAH Location 6047'-6955'

Production Casing 7" Wt. 23# J55 Set At 6100' ~~XXX~~ 4 1/2 hanger To 11.6# N80

Tubing Size 2 3/8 4.7# Set At 5404 Perf. 5550'-5560' To 5530'-5540'

Water Run \_\_\_\_\_ Conn. \_\_\_\_\_ Well Shut-in 10-20-84 hrs. Shut-in Pressure \_\_\_\_\_ psig.

Gravity \_\_\_\_\_ BHT \_\_\_\_\_ Tbg. pressure 1000 psig.

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

Other remarks about test set-up: \_\_\_\_\_

2" critical flow prover

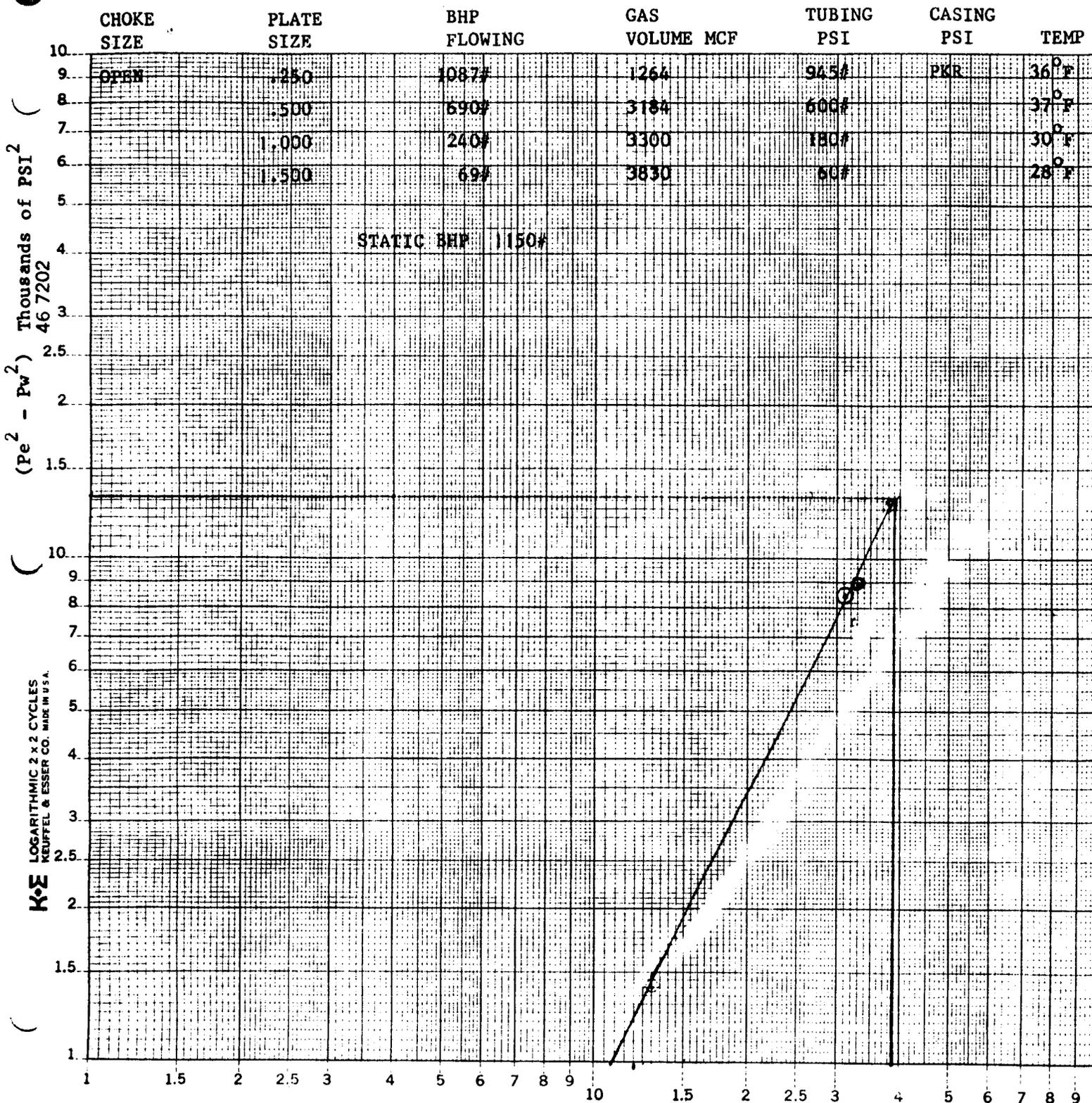
**OBSERVATIONS**

Date	Time	Orif. Size	Flow. Temp.	Meter or Prover Pressure psig.	Diff. hw Inches of Water	Wellhead Working psig.		Choke Size	Remarks
						Tbg.	Csg.		
10-31	10:30A	.250	33	1000		980	PKG	NONE	DRY GAS
	10:45	"	36	995		965			
	11:00A	"	36	980		960			
	11:15	"	36	980		960			
	11:30	"	36	980		960			
	11:45	"	36	960		950			
	12:00P	"	36	960		950			
	12:15	"	36	960		945			
	12:30	"	36	960		945			
	12:31	.500	32	800		800			
	12:45	"	36	680		680			
	1:00P	"	36	675		660			MAKING SAME FLUID
	1:15	"	36	660		640			
	1:30	"	37	645		640			
	1:45	"	37	640		640			
	2:00P	"	37	640		620			
	2:15	"	37	640		620			
	2:30	"	37	620		600			
	2:32	1.000	31	280		300			
	2:45	"	32	200		225			DRY GAS
	3:00	"	33	200		220			
	3:15	"	33	200		220			
	3:30	"	33	160		200			MAKING HEAVY MIST
	3:45	"	30	160		190			MAKING FLUID
	4:00	"	30	170		190			
	4:15	"	31	160		180			
	4:30	"	31	200		200			
	4:31	1.500	30	80		120			MIST
	4:45	"	24	70		100			FLUID
	5:00	"	28	50		50			FLUID
	5:15	"	28	60		100			
	5:30	"	28	50		50			
	5:45	"	28	80		90			
	6:00	"	27	60		60			
	6:15	"	28	60		60			
	6:30	"	28	60		60			

Heavy fluid for 3 min  
Dry gas for 7 min

Tested By Wendell Potter  
Witness \_\_\_\_\_

NAME OF COMPANY - VOYANT EXPLORATION  
 WELL NAME - Indian Creek Unit #3  
 COUNTY & STATE - Emery, Utah  
 DATE - October 31, 1984



Flow Rate MCF Per Day  
 Absolute open flow 3900 MCF



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building - Salt Lake City, UT 84114 - 801-533-5771

December 21, 1984

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

Gentlemen:

Re: Well No. Indian Creek Unit #021762-3 - Sec. 2, T. 17S., R. 6E.  
Emery County, Utah - API #43-015-30175

According to our records, a "Well Completion Report" filed with this office November 5, 1984 on the above referred to well, indicates the following electric logs were run: DIL, CNL, CBL, VDL, SFL & GR. This office has not yet received the CBL or VDL logs.

Please take care of this matter as soon as possible, but not later than January 21, 1985.

Thank you for your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

12201984/7

VANDERVORT'S

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

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

2728 LAREDO DRIVE  
FORT WORTH, TEXAS 76116

December 27, 1984

RECEIVED  
DEC 30 1984

State of Utah Natural Resources  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

DIVISION OF  
OIL, GAS & MINING

ATTN: Ms. Claudia L. Jones

Re: Indian Creek Unit #021762-3  
Sec. 2 T17S R6E  
Emery County, Utah  
API #43-015-30175

Dear Ms. Jones:

Enclosed kindly find two Cement Bond Logs with Variable Density on the above referenced well.

Please note that it shows runs #1 and #3 on the logs. I believe this should have been runs #1 and #2 as these were the only logs run to my knowledge.

If I may be of any further help, please feel free to call on me.

Sincerely,

VORTT EXPLORATION COMPANY, INC.

*Brian Bonnell*

Brian Bonnell  
Project Manager

BB/gd

Encl as stated.

~~081824~~  
**RECEIVED**

AUG 08 1986

RULE I-9 **081904**

DIVISION OF OIL  
GAS & MINING

**NOTICE OF TRANSFER OF OWNERSHIP**

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 021762-3 43.015.30175

Location: Sec. 2 SW/4 Twp. 17S Rng. 6E County Emery  
SW/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. L. Brannon  
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 \_\_\_\_\_

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.)

OIL WELL  GAS WELL  OTHER

1. NAME OF OPERATOR  
MERIDIAN OIL INC.

2. ADDRESS OF OPERATOR  
P. O. Box 1855, Billings, MT 59103

3. LOCATION OF WELL (Report location clearly and in accordance with any DIVISION RIGHTS.\* See also space 17 below.)  
At surface  
SWSW (30' FSL - 97' FWL)

4. PERMIT NO. 43-015-30175

5. ELEVATIONS (Show whether DF, RT, GR, etc.)  
8332' KB

**RECEIVED**  
FEB 28 1989

5. LEASE DESIGNATION AND SERIAL NO.  
U-15204

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
East Mountain Unit

8. FARM OR LEASE NAME  
--

9. WELL NO.  
021762-3

10. FIELD AND POOL, OR WILDCAT  
Indian Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 2, T17S, R6E

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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of Operator</u> <input checked="" type="checkbox"/>	

(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. (Addie)

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

SIGNED Will Brower 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

OPERATOR MERIDIAN OIL INC

OPERATOR ACCT. NO. N 7230

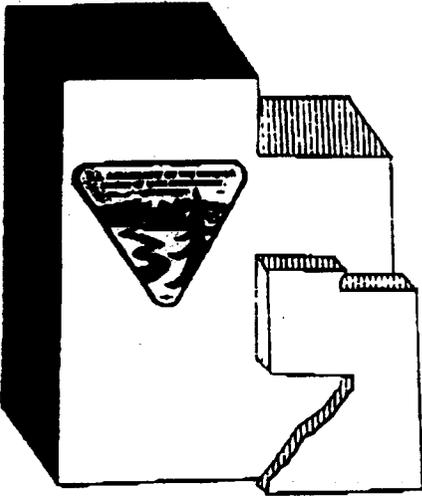
ADDRESS \_\_\_\_\_

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
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:**           Lisa          

**FROM:**           Urbine          

**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!  
 Urbine*

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 892.75 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  
McClouthard: 4w-2/22/RR

CC: SRRA 4/29/88/68

Atos 4.



# MERIDIAN OIL

February 8, 1996

RECEIVED  
FEB 9 1996

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

Re: Change of Operator

Gentlemen:

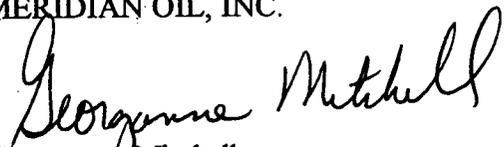
Enclosed please find copies of the Change of Operator sundries that were filed with the Bureau of Land Management, Moab, Utah for the following:

<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.  
**3 INDIAN CREEK**

9. API Well No.  
**43-015-3017500**

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)  
**30' FSL, 97' FWL  
SWSW SEC. 2-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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR/SELF CERTIFICATION</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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 3 INDIAN CREEK; SWSW SECTION 2-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  
**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

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

FEB 20 1996

**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. <b>57287U6920</b>
2. Name of Operator <b>SOUTHLAND ROYALTY CO.</b>	6. If Indian, Allottee or Tribe Name <b>N/A</b>
3. Address and Telephone No. <b>5613 DTC Parkway, Ste. 1000, P.O. Box 3209, Englewood, CO 80155-3209</b>	7. If Unit or CA, Agreement Designation <b>EAST MOUNTAIN UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>30' FSL, 97' FWL (SW SW) Sec. 2-T17S-R6E</b>	8. Well Name and No. <b>3 INDIAN CREEK</b>
	9. API Well No. <b>43-015-3017500</b>
	10. Field and Pool, or Exploratory Area <b>FERRON/FERRON</b>
	11. County or Parish, State <b>EMERY, UTAH</b>

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 checked="" 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 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 Dey 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:

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

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 (BIM 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-RJH	✓
5-INT	✓
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**

- Rec 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)*
- Rec 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: \_\_\_\_\_.
- Rec 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.
- Rec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-20-96)*
- Rec 6. Cardex file has been updated for each well listed above. *(2-20-96)*
- Rec 7. Well file labels have been updated for each well listed above. *(2-20-96)*
- Rec 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)*
- Rec 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) yes (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) Treat 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) 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.
- PLS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
2-21-96 to Ed Bonnell

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

960220 BLM/SL Meridian Oper. "E. mtn. Unit" eff. 8/87, P.A. & #. 10/87.  
BLM/moeb Meridian Oper. #1/43-015-30091 & #. 7/87.  
BLM/moeb 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	✓		U 15203	E.mtn. Unit	
→ INDIAN CREEK UNIT 021762-3 4301530175	02585	17S 06E 2	FRSD	✓		U 15204	E.mtn. Unit	
✓ 13-35 EMU HRE FEDERAL 4301530230	02585	16S 06E 35	FRSD	✓		U 56933	E.mtn. Unit	
✓ E MOUNTAIN UNIT 32-23 4301530231	02585	16S 06E 23	FRSD	✓		U 17024	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	✓		U 05059		
✓ NAVAJO FEDERAL 9-1 4303731001	09975	39S 25E 9	NWNE ISMY	✓		U 52333	Kiva (Upper Mesa) Unit	
✓ NAVAJO FEDERAL 4-2 4303731161	09975	39S 25E 4	SWSE ISMY	✓		U 52333	Kiva (Upper Mesa) Unit	
✓ NAVAJO FEDERAL #4-4 4303731179	09975	39S 25E 4	NWSW ISMY	✓		U 52333	Kiva (Upper Mesa) Unit	
✓ 24-4 KIVA FEDERAL 4303731745	09975	39S 25E 4	SESW ISMY	✓		U 57 U 52333	Kiva (Upper Mesa) Unit	
✓ HAVASU-FEDERAL #22-19 4303731278	10654	38S 24E 19	SESW ISMY	✓		U 56186	Kechine Unit	
✓ HAVASU-FEDERAL #41-24 4303731279	10654	38S 23E 24	NENE ISMY	✓		U 20895	Kechine Unit	
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

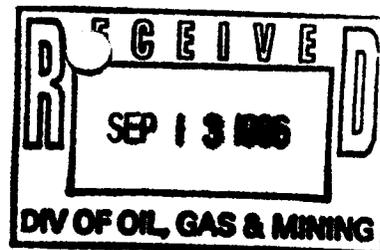
I hereby certify that this report is true and complete to the best of my knowledge.

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,

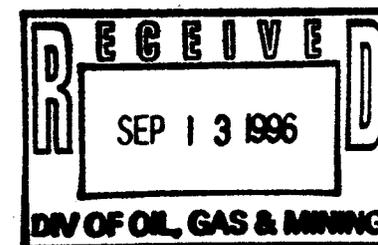
BURLINGTON RESOURCES OIL & GAS CO.

A handwritten signature in cursive script, appearing to read "Eileen Danni Dey".

Eileen Danni Dey  
Senior Regulatory Compliance Representative

Enclosure

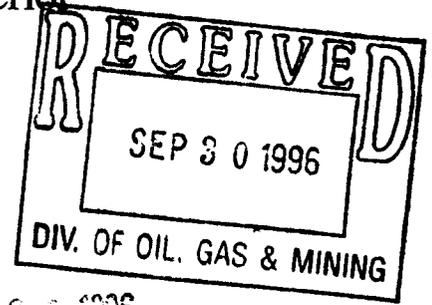
FIELD	WELL NAME	WELL NO	FORMATION/POOL	COUNTY	OCATIO	SEC	TWN	RGE	API NUMBER	FEDERAL LEASE NUMBER	STATE CONTROL NO.
BANNOCK	BANNOCK FEDERAL	21-33	ISMAY	SAN JUAN	NENW	33	038S	024E	43-037-3142500	UTU60786A	10923
CEDAR MOUNTAIN	EAST CANYON UNIT	33-18	CEDAR MOUNTAIN	GRAND	NWSE	18	016S	025E	43-019-1620300	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
ION 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	U-8894A	U-40751	U-61752
SL-071595	U-8895A	U-45051	U-62143
U-0681	U-8897A	U-45929	U-62190
U-0683	U-15202	U-46825	U-63181
U-0684	U-15203	U-51045	UTU-64930
U-0685	U-15204	U-51046	UTU-64931
U-0719	U-16962A	U-51047	UTU-65329
U-0725	U-17024	U-52333	UTU-65607
U-0737	U-17623	U-56186	UTU-65750
U-0741	U-19281	U-56932	UTU-65751
U-0744	U-20016	U-56933	UTU-65868 (ROW)
U-03333	U-20895	U-56934	UTU-65940
U-04049	U-24606	U-57895	UTU-65943
U-04049A	U-39832	U-58728	UTU-66025
U-05059	U-40361	U-60428	UTU-66487
U-08107	U-40440	U-60520	UTU-66584
U-062420	U-40544 (ROW)	U-61556	UTU-66708
UTU-66830	UTU-66831	UTU-67565	UTU-67568
UTU-67569	UTU-67570	UTU-68232	UTU-68664
UTU-68676	UTU-69434	UTU-70115 (ROW)	UTU-70196
UTU-72660	U-60786X (Bannock Unit)	U-63089X (East Mountain Unit)	

**OPERATOR CHANGE WORKSHEET**

Routing:	
1-LEC ✓	6-LB ✓
2-GL ✓	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&amp;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: <u>**SEE ATTACHED**</u>	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**

- Yec 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)*
- Yec 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)*
- Yec 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)*
- Yec 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.
- Yec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(i.e. UIC Program)*
- Yec 6. Cardex file has been updated for each well listed above. *(10-3-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(10-3-96)*
- Yec 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)*
- Yec 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**

- Lee 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)** \*961002 "Rider" 80,000 to Burlington rec'd by Trust Lands Admin.

- Lee 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**

- VS 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**

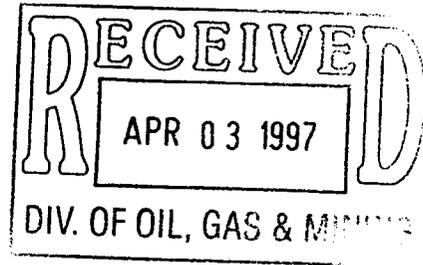
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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>U17074</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>U20874 (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>U20875</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 42-24	24 038S 023E	UTU20895	WATER INJECTED	43,037,3129800		UTU20895	106 <i>U20875</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.

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
57287U6920

8. Well Name and No.  
INDIAN CREEK 021762 3

9. API Well No.  
43,015,3017500

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  
BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address and Telephone No (915)688-6800  
P. O. BOX 51810, MIDLAND, TX 79710-1810

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
30' FSL & 97' FWL, SWSW  
02 017S 006E, SLM

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 <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.)\*

EFFECTIVE JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE OPERATOR OF RECORD OF THE INDIAN CREEK 021762 3 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.

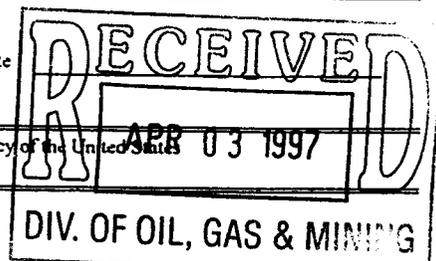
14. I hereby certify that the foregoing is true and correct.

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

(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) 30' FSL & 97' FWL, SWSW 02 017S 006E, SLM	8. Well Name and No. INDIAN CREEK 021762 3
	9. API Well No. 43,015,3017500
	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 021762 3 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: \_\_\_\_\_

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.

# 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	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
INDIAN CREEK #1			FRSD			ML27626	Awaiting Bond	11/97
4301530082	02585	17S 06E 2				U15203		
INDIAN CREEK 10176-5						U15204		
4301530117	02585	17S 06E 10						
INDIAN CREEK UNIT 021762-3						U56933		
4301530175	02585	17S 06E 2		E. mtn. unit "Ferr A"				
13-35 EMU HRE FEDERAL								
4301530230	02585	16S 06E 35	FRSD			U17024		
E MOUNTAIN UNIT 32-23								
4301530231	02585	16S 06E 23	FRSD					
BANNOCK-FEDERAL 21-33								
4303731425	10923	38S 24E 33	ISMY					
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_

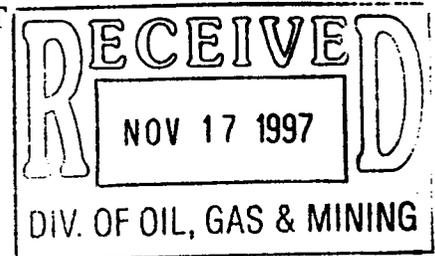
Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_



# 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

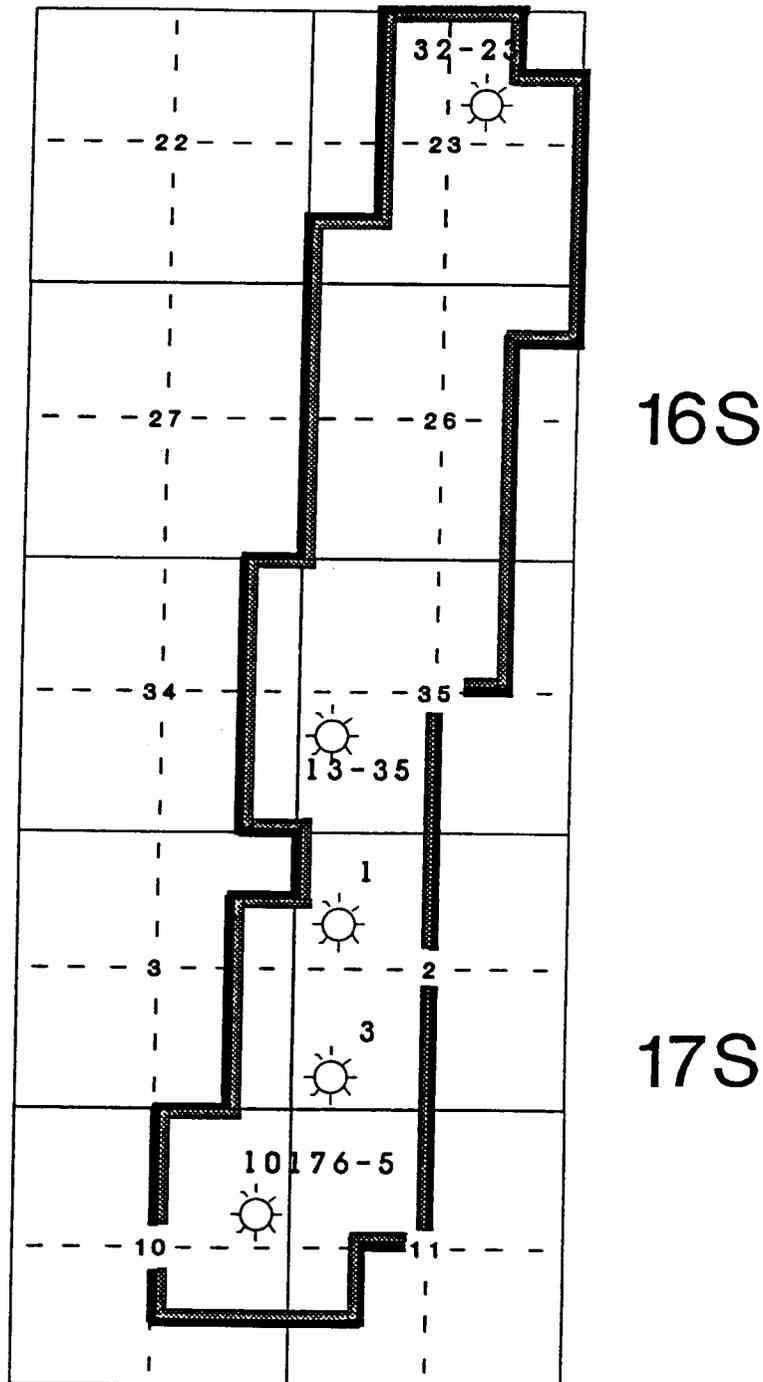
Enclosure

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**

Routing	
1-LEC	6-LHC
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&amp;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: <u>**SEE ATTACHED**</u>	API: <u>43-015-30175</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**

- See 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)*
- See 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: \_\_\_\_\_
- See 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.
- See 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(11-19-97)*
- See 6. **Cardex** file has been updated for each well listed above. *(11-19-97)*
- See 7. **Well file labels** have been updated for each well listed above. *(11-19-97)*
- See 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)*
- See 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) (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)**

- 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.
- 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.   
 DTD  
11/21/97
- 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**

- Yes 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 - mL27626 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

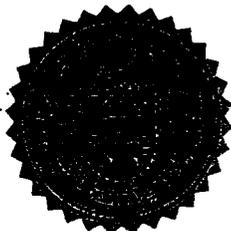
# Delaware

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.

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



2286808 8100

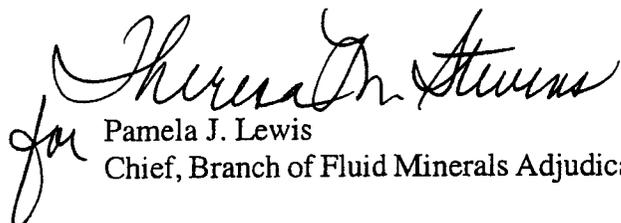
050341031

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State  
AUTHENTICATION: 3841741

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



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-15204	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> EAST MOUNTAIN	
<b>8. WELL NAME and NUMBER:</b> INDIAN CREEK UNIT 021762-3	
<b>9. API NUMBER:</b> 43015301750000	
<b>9. FIELD and POOL or WILDCAT:</b> FLAT CANYON	
<b>COUNTY:</b> EMERY	
<b>STATE:</b> UTAH	

**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.

<b>1. TYPE OF WELL</b> Gas Well	
<b>2. NAME OF OPERATOR:</b> MERIT ENERGY COMPANY	
<b>3. ADDRESS OF OPERATOR:</b> 13727 Noel Rd Ste 500 , Dallas, TX, 75240	<b>PHONE NUMBER:</b> 972 628-1540 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0030 FSL 0097 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 02 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"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/28/2015</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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.

**Approved by the**  
**September 02, 2015**  
**Oil, Gas and Mining**

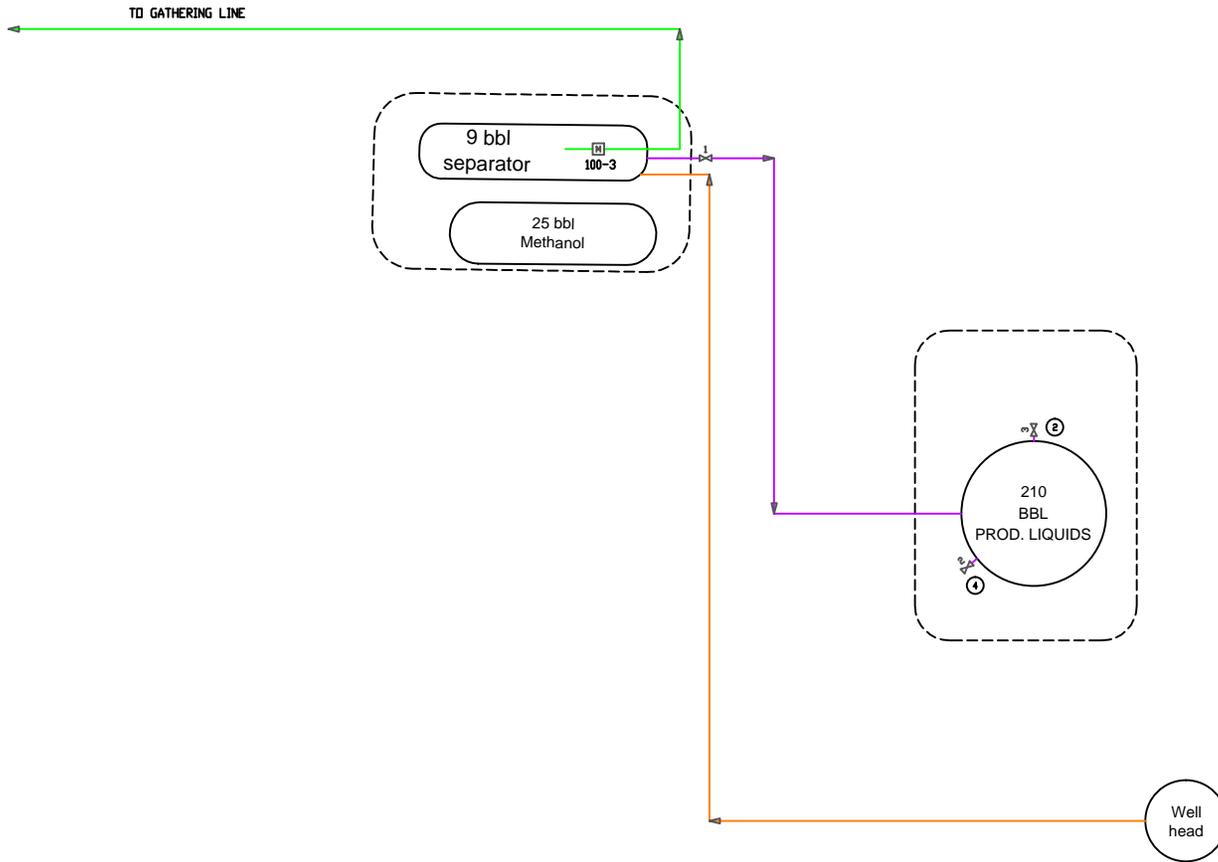
**Date:** \_\_\_\_\_

**By:**

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



NOT TO SCALE



API 43-015-30175  
 Lat: 39.36516  
 Long: -111.22083

METER LEGEND

100-3 GAS TO GATHERING LINE

LINE LEGEND

SALES GAS  
 WATER/DIL  
 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 #3  
 NW SW SEC. 35 T16S, R6E  
 EMERY COUNTY, UTAH

Site Security  
 Diagram

AS BUILT  
 August 2015