

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUL 5 1988

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN OIL, GAS & MINING PLUG BACK

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

2. NAME OF OPERATOR
 MERIDIAN OIL INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface SWNE (2320' FNL - 2022' FEL)
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 18 miles northeast of Orangeville, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 318'

16. NO. OF ACRES IN LEASE 1,396.47

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

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

19. PROPOSED DEPTH 8100'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 10,344' GL (graded)

22. APPROX. DATE WORK WILL START*
 July, 1988

5. LEASE DESIGNATION AND SERIAL NO.
 U-17024

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

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME
 E. Mountain-Federal

9. WELL NO.
 32-23

10. FIELD AND POOL, OR WILDCAT
 E. Mountain

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 23-16S-6E

12. COUNTY OR PARISH 13. STATE
 Emery Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
--------------	----------------	-----------------	---------------	--------------------

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 D.R. Harris TITLE Regional Drilling Engineer DATE 11/5/87

(This space for Federal or State office use)

PERMIT NO. 43-015-30231 APPROVAL DATE _____

APPROVED BY /s/Kenneth V. Rhea TITLE Acting District Manager DATE 7/1/88

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF
 GAS FROM THIS WELL TO NTL 4-A
 DATED 1/1/80
 DOGM

*See Instructions On Reverse Side

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 statements or representations as to any matter within its jurisdiction.

RANGE 6 EAST

WEST 79.90 CHAINS

WEST 39.95 CHAINS
N 89° 53' 26" E
2627.98' MEAS.

WEST 39.95 CHAINS
N 89° 53' 26" E
2627.98' MEAS.

80 CHAINS
40 CHAINS

40 CHAINS

TOWNSHIP 16 SOUTH

N 0° 01' W
40 CHAINS

80 CHAINS N 0° 01' W
N 0° 10' 04" E
5275.82' MEAS.

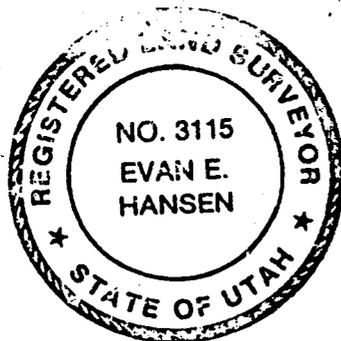
23

FEDERAL 32-23
2022'
ELEV. = 10,345.5

39.95 CHAINS

39.95 CHAINS

40 CHAINS



Legend

- FOUND ROCK CORNER
- ◆ SEARCHED FOR BUT COULD NOT FIND.

Basis Of Bearing

N 23° 26' 20" E BETWEEN TRIANGULATION STATIONS TRAIL MOUNTAIN AND BALD.

ENGINEER'S CERTIFICATE

I, EVAN E. HANSEN, Do Hereby Certify That I Am A Registered Land Surveyor And Professional Engineer Holding Certificate No. 3115 And 3354 As Prescribed Under The Laws 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
EVAN E. HANSEN

9/22/87
DATE

Empire Engineering

86 North 200 East Price, Utah 84501

**Meridian Oil Inc.
Federal 32-23**

DRAWN BY: TH	APPROVED BY: EEH	DRAWING NO.
DATE: 9-21-87	SCALE: 1" = 1000'	EEOG-095A

Meridian Oil Inc.
Well No. E. Mountain-Federal 32-23
Sec. 23, T. 16 S., R. 6 E.
Emery County , Utah
Lease U-17024

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Meridian Oil Inc., is the bonded entity on this application. Liability will remain with the bonded party named above until we are formally notified by letter of the new bonded entity in reference to this Application for Permit to Drill.

B. THIRTEEN POINT SURFACE USE PLAN (USDA Forest Service)

Construction and operations must be consistent with the approved plans and specifications and the provisions discussed in the APD, except where modified by the following stipulations. Any revisions or additional operations and facilities are subject to Forest Service review and approval.

1. The pad and project road design, and the access roads (FDR 50040, FDR 50145 and FDR 50244) reconstruction design, must be consistent with Forest Service specifications as outlined in the Region 4 Oil and Gas Roading Guidelines, and are subject to Forest Service review and approval. No construction operations may begin prior to approval. Any modifications or changes to approved plans are also subject to Forest Service review and approval.
2. A preconstruction meeting involving the Forest Service, company representative(s) and their contractor(s) must be conducted before any construction work may begin. The pad and road must be construction staked prior to this meeting.
3. Adequate signs must be posted along the Flat Canyon Road (FDR 50145), warning the public of construction and/or oil/gas drilling traffic.
4. The operator shall submit for approval, a complete maintenance plan for the site, the project roads and that portion of FDR 50040, FDR 50145 and FDR 50244 to be used for the duration of the drilling program. In the event of a discovery, a complete production and updated maintenance plan will be required.
5. A road-use permit must be obtained from the Forest Service authorizing use of FDR 50040, FDR 50145 and FDR 50244. All stipulations identified in the road use permit must be followed.
6. The project engineer(s) and surveyor(s) must be certified by the State of Utah.
7. If the drilling operation extends into the wet season (October 1 - June 15), Meridian shall provide adequate additional gravel on FDR 50040, 50145 and 50244 and the

project road (from FDR 50244 to the drill site) to support the weights of the drilling traffic. Based upon soil support capabilities in the area the needed gravel column will vary from 8 inches to 11 inches. In addition, a revised road-use permit must be obtained from the Forest Service which will authorize and specify conditions for snow removal and wet season maintenance on Forest Development Roads.

8. Move-in and move-out requires advance approval of the Forest Service. Move-in and move-out of the drill rig (crusher or any large equipment) shall not be done on holiday weekends nor the opening weekends of the general deer and elk hunting season without advance approval of the Forest Service.
9. In the event of a discovery and a producing well, a separate surface use and operating plan will be required covering any additional facilities.
10. All drilling fluids, muds, and cuttings must be contained on the project site in the reserve pit or in portable containers. All appropriate measures must be taken to assure that leakage through the reserve pit bottom and walls does not occur and that fluids are not allowed to overflow.
11. All surface disturbing activities must be supervised by a qualified, responsible official or representative of the designated operator who is aware of the terms and conditions of the APD and the specifications in the approved plans.
12. If cultural or paleontological resources are discovered during operations, all activities which may result in disturbance to the resource, will cease and the Forest Service will be notified immediately of the discovery.
13. Fire suppression equipment must be available to all personnel on the project site. 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. All gasoline and diesel equipment must be equipped with effective spark arresters and mufflers. Spark arresters must meet Forest Service specifications discussed in the USDA Forest Service Spark Arrester Guide. In addition, all electrical equipment must be properly insulated to prevent sparks.
15. The operator will be held responsible for damage and suppression costs for fires started as a result of their

operations. Fires must be reported to the Forest Service immediately upon discovery.

16. All accidents or mishaps resulting in significant resource damage and/or death or serious personal injury must be reported to the Forest Service as soon as possible.
17. Vehicle operators will observe safe speeds commensurate with weather and road conditions and posted or established speed restrictions.
18. Section corners or other survey markers, including claim corners, in the project area must be located and flagged for preservation prior to commencement of surface disturbing activities. The removal, displacement or disturbance of markers must be approved in advance by a Forest Service licensed land surveyor. Replacement of markers disturbed by these activities will also be by a licensed land surveyor approved by the Forest Service.
19. Harassment of wildlife and livestock is prohibited.
20. Pad sites will be sloped to drain all spills and on-site precipitation into the reserve pit. If necessary the reserve pit will be pumped out to reduce the contents and ensure that overflow does not occur. Material removed from the pit will be disposed of in state approved landfill.
21. The reserve pit must not be used for disposal of garbage, trash or other refuse.
22. Sanitary facilities are required on site at all times during operations. The installation of facilities other than self-contained chemical toilets is subject to State and Forest Service approval.
23. All "A" horizon topsoil will be selectively removed and stockpiled during the forest development road reconstruction and construction, project road and pad construction, and pit and crusher site developments. Topsoil will be stockpiled separately from other material and protected so it will not become contaminated. After subsoil and rock material have been replaced to approximately the original ground contour during reclamation, the topsoil will be placed over all disturbed areas. The disturbed areas must be seeded with the specified seed mix after topsoil is replaced.

24. Reserve pit materials must be tested prior to reclamation. If any detrimental or toxic materials are present, all materials will be removed from the reserve pit before it is backfilled and reclaimed. These materials will be disposed of off Forest. The reserve pit must be enclosed by a 5 strand barbed wire fence while left to dry or during pumping. The fence must be maintained to prevent livestock or wildlife from getting into the pit.
25. After road construction, all disturbed areas and abandoned roadway sections will be seeded as soon as practical to establish vegetation for soil protection and inhibit growth of musk thistle. Reclamation seeding of the pad area will be done when approved by the Forest Service. Seeding may be done by either drilling or broadcast method. Drilling method will be done on relatively flat slopes. If the drilling method is used, seeds will be drilled to a depth not less than 1/16 inch and not more the 1/2 inch. The seed mix is shown in the following table.

Common Name	Botanical Name	lb/ac
Slender Wheat Grass	Agropyron trachycaulum	3
Smooth Brome Grass	Bromus inermis	3
Perennial Rye Grass	Lolium perenne	2
Orchard Grass	Dactylis glomerata	2
Timothy	Phleum pratensis	2
Yellow sweet clover	Melilotus officinalis	0.5
Ladake Alfalfa	Medicago sativa-Ladak	0.5
Mountain Aster	Aster adsendens	0.25
Showy Goldeneye	Viquiena multiflora	0.5
		pounds 13.75

26. After reclamation seeding a 5 strand barbed wire letdown fence will be constructed around the drill and quarry sites to exclude livestock. The fence will be maintained by Meridian until vegetation is adequately reestablished.
27. In general, disturbed areas will be considered adequately revegetated when at least 50% ground cover (vegetation and litter) has been established over 90% of the treated site. This should be accomplished within 3 years after planting and at least 65% ground cover must be attained by the 5th year after treatment to be considered adequately revegetated. To be termed adequately revegetated, a site must have at least 10% of the total ground cover (50 - 65 %) in seeded plant species. Annual weedy plants will not be considered part of the ground cover requirement. If noxious weeds occur they will be controlled by the operator. The operator is responsible for all maintenance of reclamation

facilities such as fences, barricades and signs until the desired reclamation results have been achieved. If the ground cover is not attained by the 3 or 5 years establishment period, an analysis of the area will be made by the operator to determine failure. Based on the analysis the operator will take corrective measures to insure acceptable reclamation is achieved. For new and old disturbance along the Flat Canyon Roadway, 75% of adjacent comparable ground cover is acceptable.

28. Signs approved by the Forest Service will be posted at all reclaimed sites to restrict use until vegetation has been reestablished.
29. All trash, garbage and other refuse must be properly contained on the site during operations and periodically disposed of off-Forest at an approved refuse facility. Following completion of operations, all unnecessary equipment, materials and refuse must be removed from the Forest.
30. Construction activities and gravel crushing/placement activities will not be allowed on access roads, the project road, drill site or quarry site between May 15 and July 5, due to the use of the area for big game parturition activities.
31. There will be no camping or living facilities at the drill site. Other locations for camping or living facilities must be approved in advance by the Forest Service.
32. Meridian will be responsible for obtaining all appropriate water rights prior to the beginning work on this project. Meridian will also be responsible for obtaining a Stream Channel Alteration permit if such a permit is appropriate for their required work.
33. When conditions are such that dusting results in hazardous driving conditions or there is appreciable loss of road surface or binder material. Permittee shall control dusting by sprinkling or such other methods as may be agreed upon by permittee and Forest Service.

The permittee must agree to use best efforts to comply with clean air standards at the facilities on which the permittee is performing activities or his agents or contractors are performing activities.

34. If gravel is obtained from the Forest Service quarry site, a final quarry plan will be required from Meridian showing the original and proposed final contours. This plan will show material volumes as well as the location and dimensions of the quarry and the dimension of the area required for crushing facilities and stockpiling of processed aggregate. The intended reclamation should be included in the plan.
35. Abandoned sections of FDR 50145 will be shaped, ripped, waterbarred, barricaded and seeded with the seed mix specified in Stipulation 25. Earthen barricades at either end will be signed to notify the public that the abandoned sections of roadway is closed for rehabilitation or measures.
36. Cattleguards and fences must be maintained to insure allotment segregation. Any cattleguard or fence damaged during any operation connected with Meridian's project will be promptly repaired by Meridian.
37. If the well goes to production, the Forest Landscape Architect will make a determination as to the color that production facilities will be painted.
38. Meridian will be required to purchase all merchantable timber for the entire project area. The Forest Service will conduct a cruise when clearing limits have been established. All conifer will be removed from the Forest prior to September 30, 1988.
39. All non-merchantable timber above four inches DBH will be bucked up, cut into eight feet butts, and decked along the final roadway prisms for future sale by the Forest Service as fuelwood.
40. All slash will either be moved from the Forest or burned on Forest before this winter. If burned on Forest, Meridian will be required to acquire a Burning Permit.
41. Prior to any grubbing work, all trees to be removed will be cut down so that the stumps can then be dozed without damaging the remaining, adjacent trees.
42. Before the on Forest quarry is opened by Meridian, they will be required to obtain a permit for the gravel from the Forest Service.
43. Gravel removed from the pad and project roads during reclamation must be stockpiled at a location specified by the Forest Service.

NOTIFICATIONS

Notify the San Rafael Resource Area, at (801) 637-4584 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

1 day prior to running and cementing surface casing;

1 day prior to pressure testing of BOPE and/or surface casing.

Notify the Moab District Office, Branch of Fluid Minerals at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed.

Dale Manchester, Petroleum Engineer Office Phone: (801) 259-6111

Home Phone: (801) 259-6239

Lynn Jackson, Chief, Branch of Fluid Minerals

Office Phone: (801) 259-6111

Home Phone: (801) 259-7990

Paul Brown, I&E Coordinator

Office Phone: (801) 259-6111

Home Phone: (801) 259-7018

24 hours advance notice is required for all abandonments.

MERIDIAN OIL

RECEIVED
JUN 10 1988

DIVISION OF
OIL, GAS & MINING

June 8, 1988

State of Utah Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad center, Ste 350
Salt Lake City, Utah 84180-1203

Attention: Arlene Sollis

Re: Application for Permit to Drill
32-23 E. Mountain-Federal
SWNE Section 23-16S-6E
Emery County, Utah
Federal Lease No. U-17024

Gentlemen:

Enclosed are three copies of Form 3160-3, Application for Permit to Drill with attachments for the above referenced location.

As of this date, the federal permit has not yet been approved. The Manti-LaSal National Forest has just completed an Environmental Assessment for this location and will be sent to the BLM probably today or tomorrow.

Please be advised that Meridian Oil Inc. requests that all pertinent data for this location be granted TIGHT HOLE status.

If you have any questions, please do not hesitate to call me at 406-256-4122.

Sincerely,



Suzann S. Nelson
Sr. Operations Technician

/ssn/1771N

Encl

cc: Bill Mitchell

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 2. NAME OF OPERATOR
 MERIDIAN OIL INC.
 3. ADDRESS OF OPERATOR
 P. O. Box 1855, Billings, MT 59103
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface SWNE (2320' FNL - 2022' FEL)
 At proposed prod. zone Same
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 18 miles northeast of Orangeville, Utah
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 318'
 16. NO. OF ACRES IN LEASE 1,396.47
 17. NO. OF ACRES ASSIGNED TO THIS WELL 320
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -
 19. PROPOSED DEPTH 8100' *Delata*
 20. ROTARY OR CABLE TOOLS Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 10,344' GL (graded)
 22. APPROX. DATE WORK WILL START* July, 1988

CONFIDENTIAL
RECEIVED
JUN 10 1988
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-17024
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
 7. UNIT AGREEMENT NAME
N/A *East Mountain*
 8. FARM OR LEASE NAME
E. Mountain-Federal
 9. WELL NO.
32-23
 10. FIELD AND POOL, OR WILDCAT
~~E. Mountain~~ *wildcat*
 11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Section 23-16S-6E
 12. COUNTY OR PARISH
Emery
 13. STATE
Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24	20	94#	40'	Cmt to sfc w/Redi-Mix
17-1/2	13-3/8	48#	500'	Cmt to sfc 100 sx "G", 180 sx Lite
12-1/4	9-5/8	36#	2,750'	Cmt to sfc 200 sx "G", 580 sx Lite
8-3/4	7	26#	80'	Cmt to 5000' (TOC)
8-3/4	7	20#	4,500'	100 sx "G", 160 sx Lite
8-3/4	7	23#	6,500'	
8-3/4	7	26#	7,300'	
6-1/4"	4-1/2	10.5#	8,100'	Liner to 7200', 90 sx "G"

Oil and Gas Order #1
 Attachments:
 Eight Point Drilling Program
 Thirteen Point Surface Use Plan

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 D.R. Harris TITLE Regional Drilling Engineer DATE 11/5/87

(This space for Federal or State office use)

PERMIT NO. 43015-30231 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY: _____
 DATE: 6-15-88
 BY: [Signature]
 WELL SPACING: R6152-3

*See Instructions On Reverse Side

TOWNSHIP 16 SOUTH

RANGE 6 EAST

WEST 79.90 CHAINS

WEST 39.95 CHAINS
N 89° 53' 26" E
2627.98' MEAS.

WEST 39.95 CHAINS
N 89° 53' 26" E
2627.98' MEAS.

80 CHAINS
40 CHAINS

40 CHAINS

N 0° 01' W
40 CHAINS

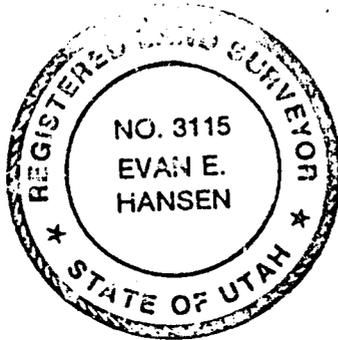
80 CHAINS N 0° 01' W
N 0° 10' 04" E
5275.82' MEAS.

23

FEDERAL 32-23
2022
ELEV. = 10,345.5

39.95 CHAINS

39.95 CHAINS



Legend

- FOUND ROCK CORNER
- ◆ SEARCHED FOR BUT COULD NOT FIND.

Basis Of Bearing

N 23° 26' 20" E BETWEEN TRIANGULATION STATIONS TRAIL MOUNTAIN AND BALD.

ENGINEER'S CERTIFICATE

I, EVAN E. HANSEN, Do Hereby Certify That I Am A Registered Land Surveyor And Professional Engineer Holding Certificate No. 3115 And 3354 As Prescribed Under The Laws 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
EVAN E. HANSEN

9/22/87
DATE

Empire Engineering		
86 North 200 East Price, Utah 84501		
Meridian Oil Inc.		
Federal 32-23		
DRAWN BY: TH	APPROVED BY: EEH	DRAWING NO.
DATE: 9-21-87	SCALE: 1" = 1000'	EEOG-095A

OIL AND GAS ORDER NO. 1

MERIDIAN OIL INC.

LEASE NAME: 32-23 E. Mountain-Federal

LEASE NO. U-17024
 LOCATION: SWNE Section 23-16S-6E
 2320' FNL - 2022' FEL
 Emery County, Utah
 E. Mountain Unit

A. EIGHT POINT DRILLING PROGRAM

1.& 2. Estimated Tops:

North Horn	Surface	
Black Hawk	1630' / +8720'	
Star Point	2290' / +8060'	water
Mancos	2660' / +7690'	
Emery	3850' / +65000	water
Blue Gate	5380' / +4970'	
Ferron	7050' / +3300'	gas
Tununk	7510' / +2840'	
Dakota	7990' / +2360'	gas
TD	8100'	

3. Pressure Control Equipment:

- a. A 3000 psi WP double gate preventer equipped with blind and pipe rams and a 3000 psi WP rotating head will be installed and in service from 500' to TD.
- b. BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventor controls will 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 ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. The Resource Area will be notified 1 day in advance when pressure tests are to be conducted.

4. Casing program:

Anticipated cement tops will be reported as to depth, not the expected number of sacks. The Resource Area will be notified 1 day before running casing strings and cement.

Hole Size	Size	Depth	Casing			Cond	Cementing Program
			Weight	Grade	Thrd		
24"	20"	40'	94#	H-40	ST&C	New	Cmt to sfc w/Redi-Mix
17-1/2"	13-3/8"	500'	48#	H-40	ST&C	New	Cmt to sfc 100 sx "G", 180 sx Lite
12-1/4"	9-5/8"	2,750'	36#	K-55	ST&C	New	Cmt to sfc 200 sx "G", 580 sx Lite
8-3/4"	7"	80'	26#	K-55	ST&C	New	Cmt to 5000' (TOC)
8-3/4"	7"	4,500'	20#	K-55	ST&C	New	100 sx "G", 160 sx Lite
8-3/4"	7"	6,500'	23#	K-55	ST&C	New	
8-3/4"	7"	7,300'	26#	K-55	ST&C	New	
6-1/4"	4-1/2"	8,100'	10.5#	K-55	ST&C	New	Liner to 7200', 90 sx "G"

5. Proposed drilling mud program:

0 - 500' - Spud Mud
 500 - 8100' - Air/mist/foam Will mud up w/fresh water/gel system if hole gets wet.

Blooie line will be misted to reduce fugative dust when air drilling.

6. Testing program:

DST - Dakota - Possible

Logging program:

DIL w/GR & SP 2750' to TD
 LDT/CNTG/GR 6500' to TD
 LDT/CNL/GR 6500' to TD
 BHC/Sonic w/GR & Cal 6500' to TD

Coring program:

60' core - Upper Ferron

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analysis, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

7. Anticipated abnormal BHP or BHT:

Shallow water flow; lost circulation. Maximum expected BHP = 1300 psi.

Potentially hazardous conditions anticipated:

No H₂S has been found, reported or is known to exist at these depths in this area.

8. Anticipated Starting Dates and Notifications of Operations

The operator will contact the San Rafael Resource Area at 801-637-4584, Price, Utah, 48 hours before beginning any dirt work on this location.

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 the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the Area Manager, a minimum of 24 hours before spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within 24 hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations begin and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P. O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

If a replacement rig is planned for completion operations, a Sundry Notice (Form 3160-5) to that effect will 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. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 business days following the date on which the well is placed on production.

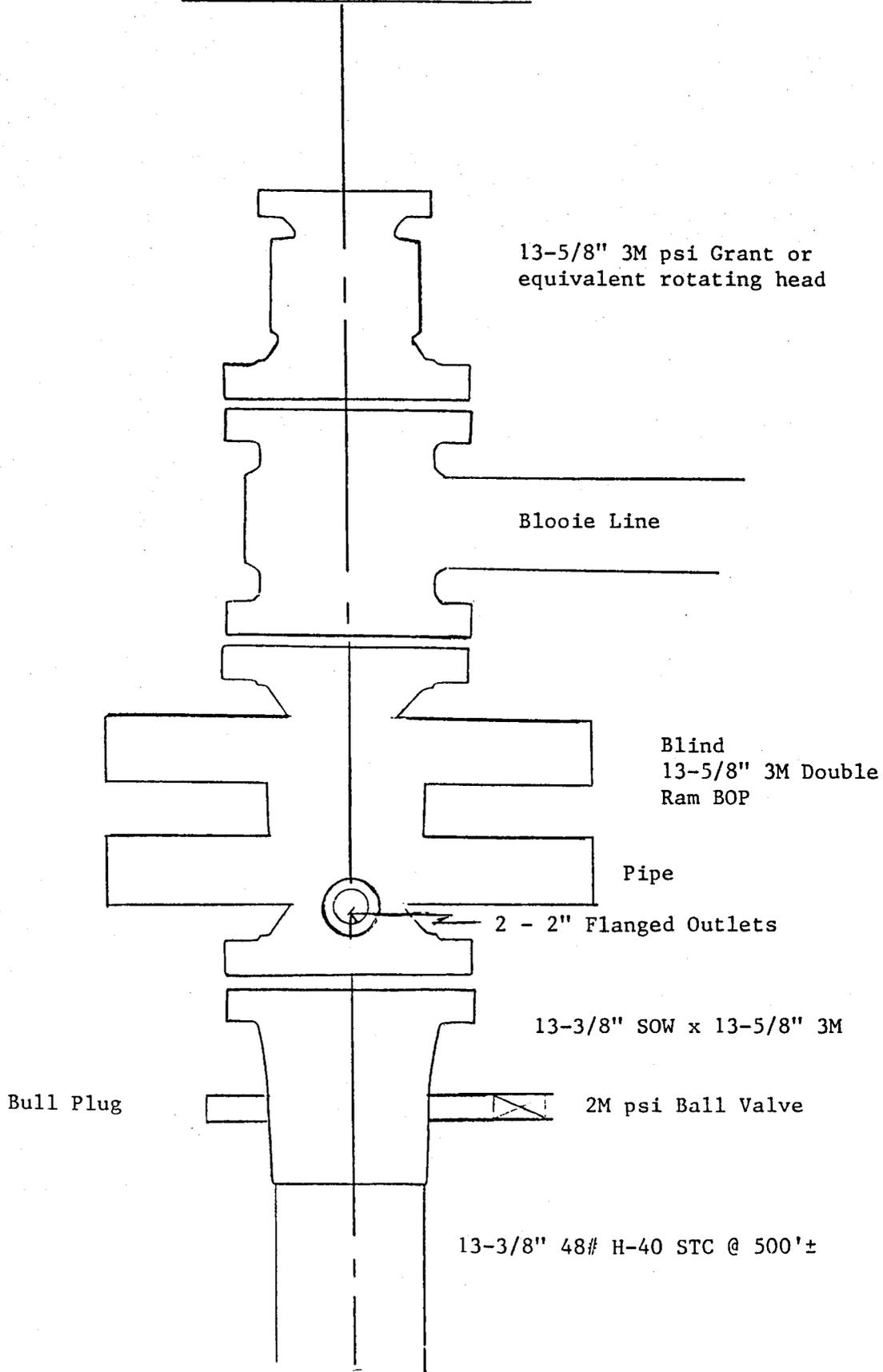
A first production conference will be scheduled within 15 days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

No well abandonment operations will begin without the prior approval of the District Manager. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5), will be filed with the District Manager, within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The top of the marker will be closed or capped. The following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch. "Fed" or "Ind", as applicable. "Well number, location by 1/4 1/4 section, township and range. "Lease number".

TYPICAL B.O.P. INSTALLATION



Series 900 Double Gate B.O.P.,
rated at 3000 psi Working Pressure

B. THIRTEEN POINT SURFACE USE PLAN

1. Existing Roads (Yellow)

a. Location of proposed well in relation to town or other reference point:

Go west 7.6 miles from Orangeville on Hwy 29 then north on Cottonwood Canyon Rd 9.8 miles to "Trail Mountain Road" sign in Flat Canyon. Then 2.4 miles east towards East Mountain to saddle on top of mountain, then 0.4 miles back to north to location.

b. Proposed route to location. (See attached Exhibit "1").

2. Roads to be Constructed and Reconstructed (Blue)

a. Access road will be inspected between the Bureau of Land Management and the dirt contractor prior to any work being done.

b. The maximum total disturbed width will be 14 feet.

c. Maximum grade is 10%

d. Any turnouts will be shown on attached road design, plan and profile.

e. Road is centerline flagged.

f. Drainage will be established as needed.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

The access road will be rehabilitated or brought to Resource Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells (1 mile radius)

a. Indian Creek #1 - 2-1/2 mi south, Indian Creek #3 - 3 mi south, Indian Creek #5 - 3-1/2 mi south; Indian Creek #2 - 4-1/4 mi south and 13-35 E. Mtn Federal - 2 mi south. (See attached Exhibit "1").

4. Location of Existing and/or Proposed Facilities if Well is Productive

All permanent (onsite for 6 months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. The color will be Desert Tan/Chesnut brown trim.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the largest tank in the battery.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place before any deliveries. Tests for meter accuracy will be conducted monthly for the first 3 months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Area Manager. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

Proposed tank battery layout Exhibit "4" is attached.

5. Location and Type of Water Supply

Water will be hauled by a private source.

A temporary water use permit for this operation will be obtained from the Utah State Engineer, (801) 637-1303 and by receiving permission from the landowner or surface management agency to use the land containing the water source.

6. Source of Construction Materials

Native soil materials from drilling location and access trail, which is available, will be used. Any additional materials needed will be hauled in from authorized commercial sources.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.1-3. Source of construction material will not be located on lease.

7. Methods for Handling Waste Disposal

The reserve pit will be lined with sodium bentonite.

Three sides of the reserve pit will be fenced with three strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

All trash must be contained and disposed of by hauling to the nearest disposal. No burning will be required.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

A portable toilet will be provided on location for personnel.

8. Ancillary Facilities

Camp facilities will not be required.

9. Well Site Layout

Rig layout is shown on attached Exhibit "9a".

The reserve pit will be located on the southwest end of the well pad on the cut side.

The top 6 inches of soil material will be removed from the location and stockpiled separately on the northwest end of location. Topsoil along the access road will be reserved in place adjacent to the road.

Access to the well pad will be from the south side of the pad.

10. Plans for Restoration of Surface:

Notify the San Rafael Resource Area at (801) 637-4584 2 days prior to commencement of dirt work, construction or reclamation.

Immediately upon completion of drilling, the location and surrounding area will be cleared of all remaining debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be spread evenly over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The seed mixture will be as per Forest Service direction.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

11. Surface Ownership: USDA Forest Service
Mineral Ownership: Federal

12. Other Information

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, or abandoned, will be identified in accordance with 43 CFR 3164.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance was performed by AERC October 19, 1987. If any cultural resources are found during construction, all work will stop immediately and the Area Manager will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination a new application will be filed for approval for any future operations.

Your contact with the District Office is: Merv Miles
Office Phone: 801-637-4584
City/State Price, Utah

13. Lessee or Operator's Field Representative and Certification
Meridian Oil Inc.
P. O. Box 1855
Billings, Montana 59103

1.	Johnny Wright	Drilling Manager	406-256-4175	406-252-2889
2.	Stuart Deans	Drilling Engineer	406-256-4120	406-248-5653
3.	John Pulley	Completion Supt.	406-256-4124	406-259-6156
4.	Doug Harris	Reg. Drilling Eng.	406-256-4025	406-652-2381

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and, that the work associated with the operations proposed herein will be performed by Meridian Oil Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Approved: _____

D. R. Harris
Douglas R. Harris
Regional Drilling Engineer

Date: 11/5/87

/ssn

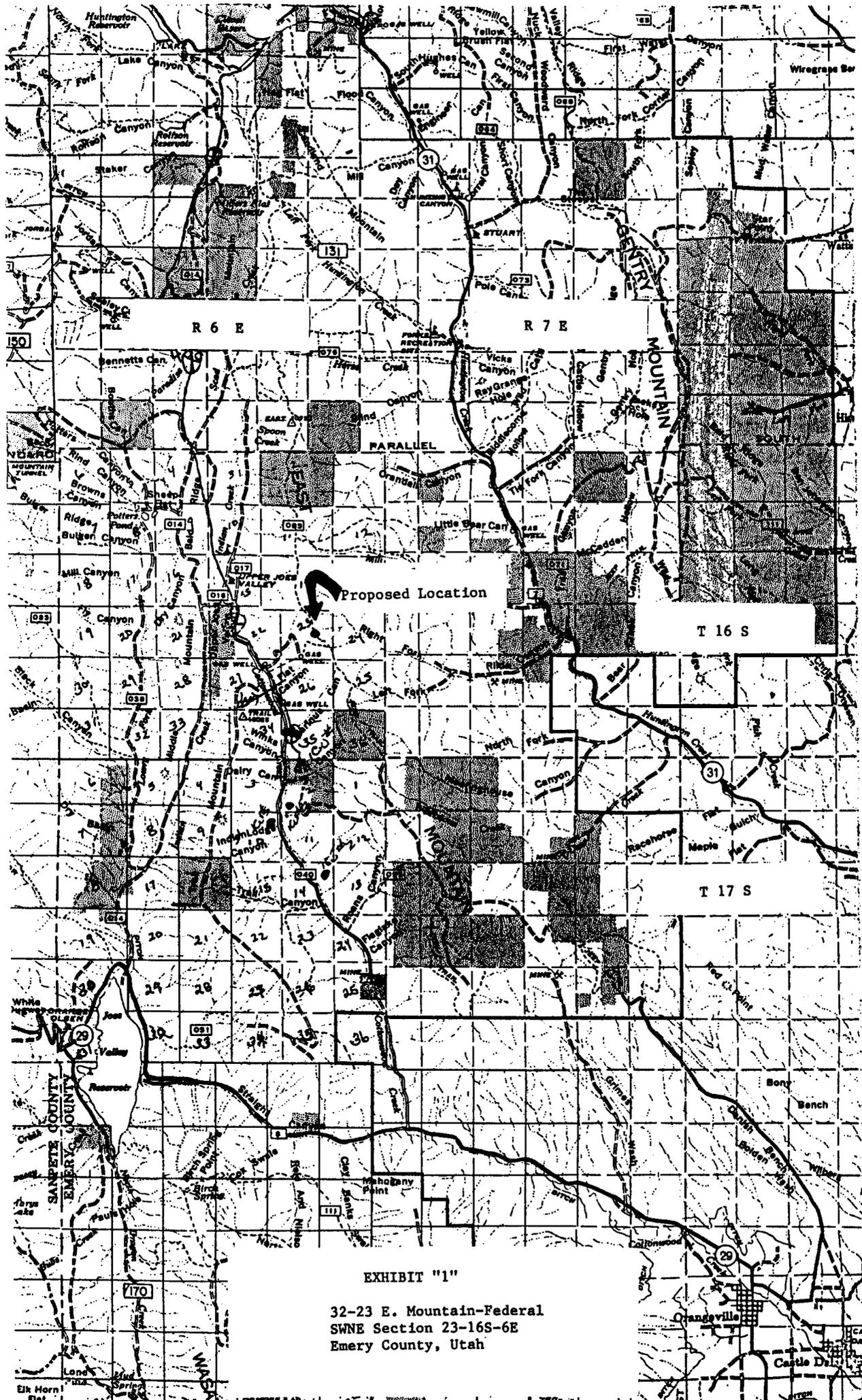
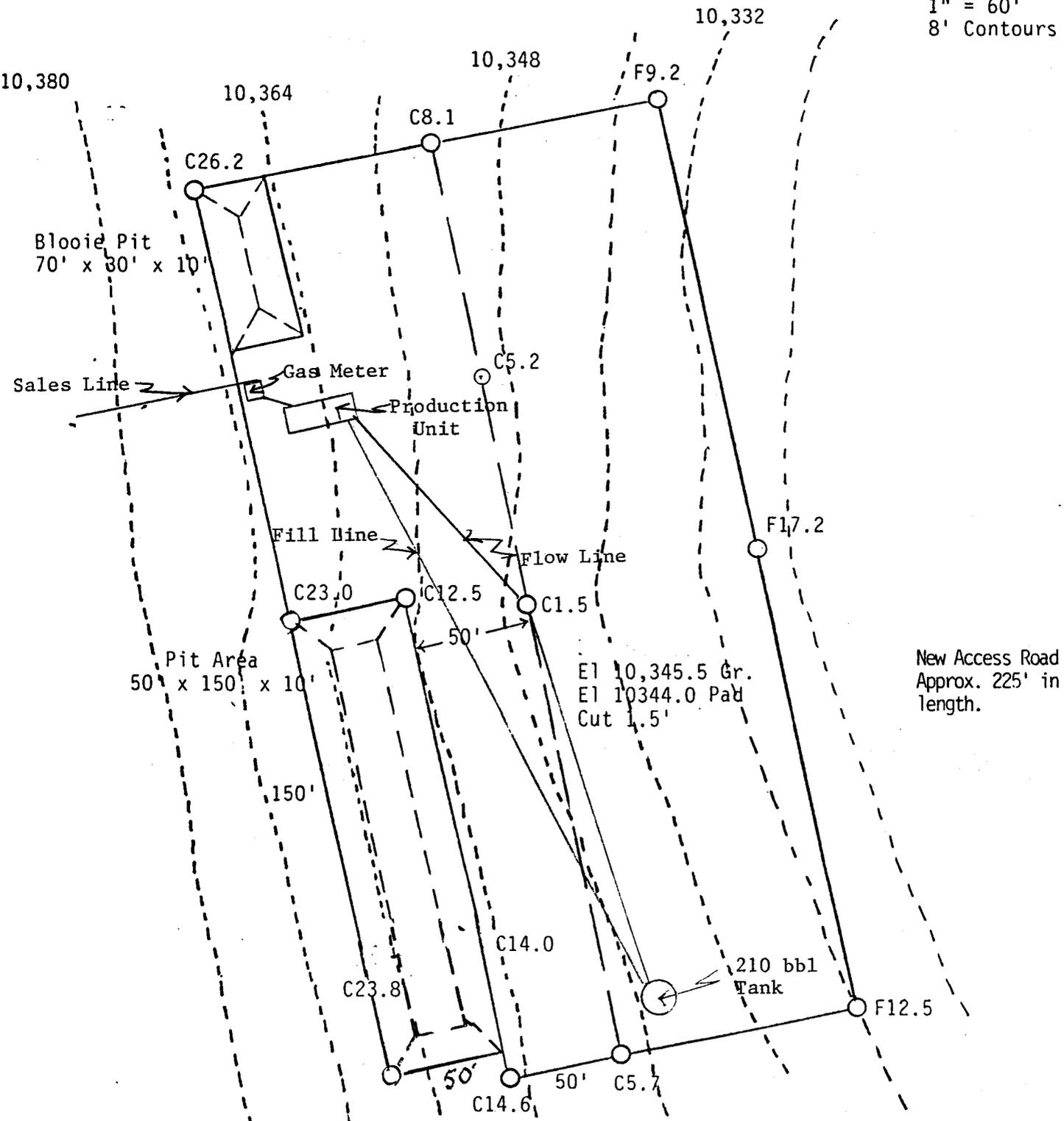
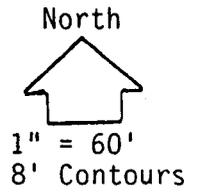


EXHIBIT "1"
 32-23 E. Mountain-Federal
 SWNE Section 23-16S-6E
 Emery County, Utah

PAD LAYOUT

Meridian Oil Inc.
#32-23 Federal
2320'FNL & 2022'FEL
Sec. 23-T16S-R6E-SLB&M
Emery Co., Utah

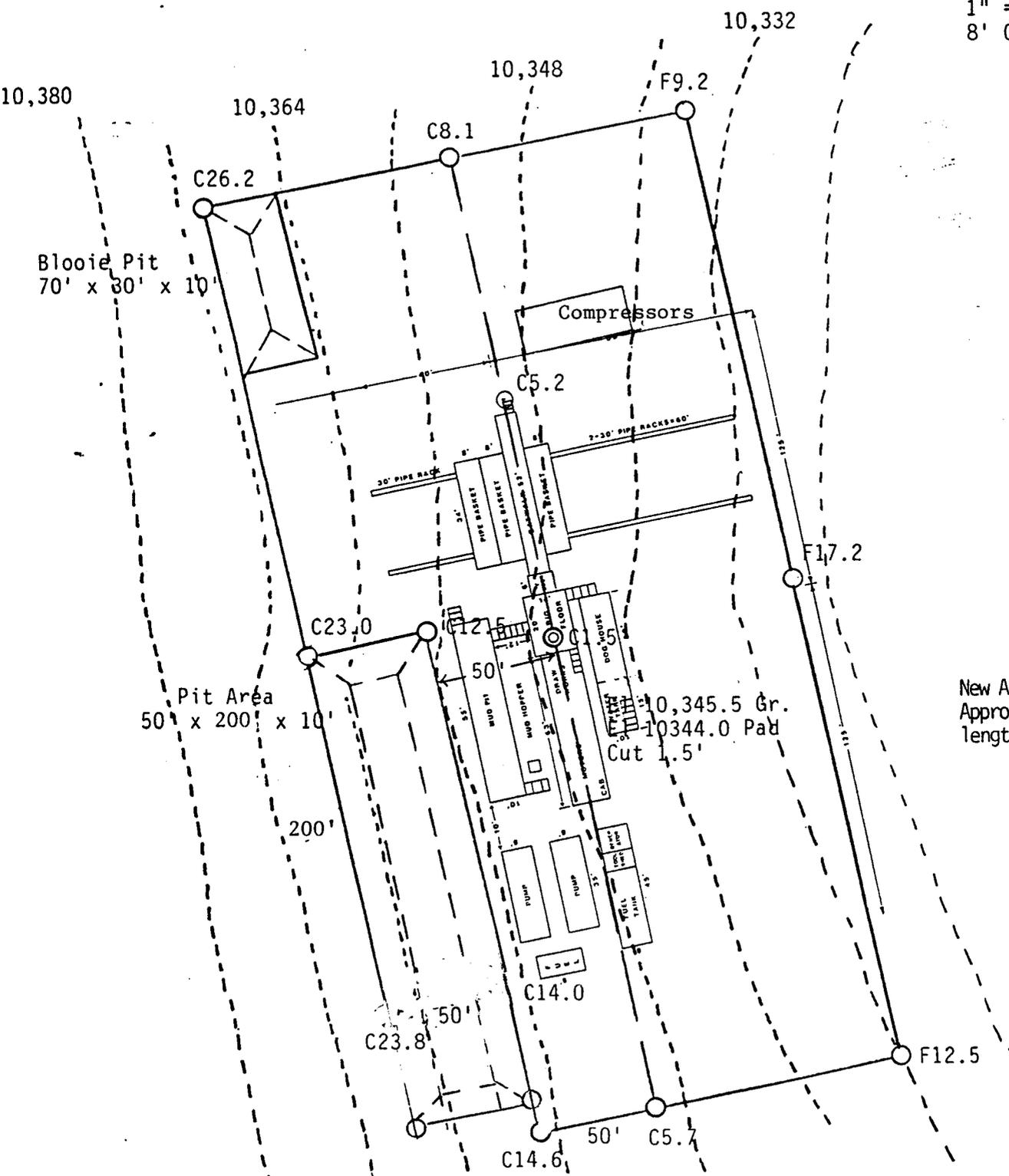
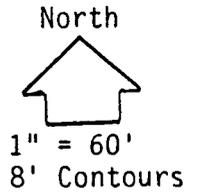


NOTE: Pad layed out parallel to contours and pit placed entirely in cut
Pad area falls on the East face of approx. 22% sloping hillside.
Pad area and road area is moderately vegetated with conifer trees

EXHIBIT "4"
Battery Layout

PAD LAYOUT

Meridian Oil Inc.
 #32-23 Federal
 2320'FNL & 2022'FEL
 Sec. 23-T16S-R6E-SLB&M
 Emery Co., Utah



New Access Road
 Approx. 225' in
 length.

NOTE: Pad layed out parallel to contours and pit placed entirely in cut
 Pad area falls on the East face of approx. 22% sloping hillside.
 Pad area and road area is moderately vegetated with conifer trees

EXHIBIT "9a"
 Rig Layout

CONFIDENTIAL

OPERATOR Meridian Oil Inc. N7230 DATE 6-10-88

WELL NAME E. Mountain Unit 32-23

SEC SWNE 23 T 16S R 6E COUNTY Emery

43-015-30231
API NUMBER

Fed.
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

no other well within 920'
need water permit
need reception location request (6-14-88 will send ASAP) *Suzann Nelson*
~~ROCC 6-14-88.~~
P.O.D 1988 received, Meridian is the Unit Operator.

APPROVAL LETTER:

SPACING: R615-2-3 East Mountain
UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- water permit

CONFIDENTIAL
PERIOD
EXPIRED
ON 1-27-91



June 15, 1988

Meridian Oil Inc.
P. O. Box 1855
Billings, Montana 59103

Gentlemen:

Re: E. Mountain Unit 32-23 - SW NE Sec. 23, T. 16S, R. 6E - Emery County, Utah
2320' FNL, 2022' FEL

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

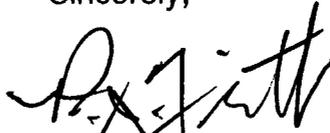
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.

Page 2
Meridian Oil Inc.
E. Mountain Unit 32-23
June 15, 1988

7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-015-30231.

Sincerely,



R. O. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303



3160
(U-922)

OCT 18

DENVER

October 14, 1988

Meridian Oil Inc.
5613 D.T.C. Parkway
Englewood, Colorado 80111

Gentlemen:

Pursuant to Section 25 of the East Mountain Unit Agreement, "Unavoidable Delay", you are hereby granted an extension of time until October 1, 1989, to commence drilling operations on the second obligation well for the East Mountain Unit. We reserve the right to terminate this extension, upon 60 days written notice, if conditions change such that the extension is no longer warranted.

Sincerely,

Robert A. Henricks
Chief, Branch of Fluid Minerals

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO. U-17024

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

7. UNIT AGREEMENT NAME N/A

8. FARM OR LEASE NAME E. Mountain-Federal

9. WELL NO. 32-23

10. FIELD AND POOL, OR WILDCAT E. Mountain (Wildcat)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23-T16S-R6E

12. COUNTY OR PARISH Emery

13. STATE Utah

CONFIDENTIAL

RECEIVED
JUN 29 1989

DIVISION OF
OIL, GAS & MINING

3. NAME OF OPERATOR MERIDIAN OIL INC.

3. ADDRESS OF OPERATOR 5613 DTC Parkway, Englewood, CO 80111

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.)
At surface SWNE (2320' FNL & 2022' FEL)

14. PERMIT NO. 43-015-30231
Approved 7-1-88

15. ELEVATIONS (Show whether DF, GL or GAS & MINING)
10,344' GL

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) Request for Extension of APD <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.)*

MERIDIAN OIL INC. respectfully requests an extension of the Permit to Drill for a period until October 1, 1989, due to an Unavoidable Delay as a result of Forest Service requirements. Please see attached Bureau of Land Management extension of time.

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

SIGNED D.R. Harris TITLE Regional Drilling Engineer DATE June 15, 1989
Douglas R. Harris

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: Approval extended to 10-1-89.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

*See Instructions on Reverse Side 7-1-89

RECEIVED

HUNTINGTON-CLEVELAND IRRIGATION COMPANY

55 North Main
Huntington, Utah 84528
Telephone (801) 687-2505

August 24, 1989

AUG 28 1989

WATER RIGHTS
PRICE

Mark Page
Area Engineer
453 S. Carbon Avenue
Price, Utah 84501

RECEIVED
AUG 31 1989

DIVISION OF
OIL, GAS & MINING

Mark

Sally L. DuVall with Merdin Oil Company wrote me about water use for drilling. Huntington Cleveland Irrigation Company has reached an agreement on water need to drill this well with Merdin Oil company. Thanks Mark for your help.



Varden Willson

DEAR LISHA:

8/28/89

THIS LETTER PERTAINS TO :

32-23 E. MAIN FEDERAL WELL
SW 1/4 NE 1/4 SEC. 23, T16S, R6E, S13E, EMERY COUNTY.

THE WATER RIGHT NO. 15 (93-219) IN THE NAME OF THE
HUNTINGTON-CLEVELAND IRRIGATION COMPANY. EVERYTHING
IS IN ORDER WITH THE WATER RIGHTS.

THANKS

Mark Page



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

Norman H. Bangertter, Governor
Dee C. Hansen, Executive Director
Robert L. Morgan, State Engineer

RECEIVED
AUG 31 1989

DIVISION OF
OIL, GAS & MINING

CONFIDENTIAL

August 29, 1989

Meridian Oil Company
Attn: Sally L. DuVall, Drilling Technician
5613 DTC Parkway 406-256-4123
Englewood, Colorado 80111 303-694-4100

Re: 32-23 E. Mtn. Federal Well 43-015-30231
SW4NE4 Section 23, T16S, R6E, SLB&M
Emery County, Utah

Dear Ms. DuVall:

This letter will serve as authorization to proceed with the above referenced project. The water right requirements for this office have been satisfied through your agreement with the Huntington-Cleveland Irrigation Company and trespass permits issued by the Forest Service.

If you have any further concerns pertaining to this matter, please feel free to contact me.

Sincerely,

Mark P. Page
Area Engineer

cc: Division of Oil, Gas & Mining
✓ Attn: Lisha Romero
355 West North Temple
Salt Lake City, Utah 84180-1203

MPP/mjk

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

APPL NO. 43-015-30231

SPODDING INFORMATION

NAME OF COMPANY: MERIDIAN OIL, INC.

WELL NAME: EAST MOUNTAIN UNIT 32-23

SECTION SWNE 23 TOWNSHIP 16S RANGE 6E COUNTY EMERY

DRILLING CONTRACTOR GRACE

RIG # 179

SPODDED: DATE 9/16/89

TIME 6:00 a.m.

HOW ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY DAN SODERSTROM

TELEPHONE # _____

DATE 9/27/89 SIGNED TAS



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

September 29, 1989

Mr. J. B. Fraser
Meridian Oil Incorporated
5613 DTC Parkway, #1000
Englewood, Colorado 80111

Dear Mr. Fraser:

Re: Request for Completed Entity Action Form

This is written to remind you that all well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of spudding a new well. This office was notified that your company spudded the East Mountain Unit 32-23, API Number 43-015-30231, on September 16, 1989. At this time, we have not received an Entity Action Form for this well.

Please review the instructions on the back of the enclosed form. Make sure you choose the proper Action Code to show whether the well will be a single well with its own sales facilities (Code A), a well being added to an existing group of wells having the same tank battery and common division of royalty interest (Code B - show existing Entity Number to which well should be added), or a well being drilled in the participating area of a properly designated unit (Code B). Complete the form and return it to us by October 8, 1989.

Your attention to this matter is appreciated. If we can be of assistance to you, please feel free to call Lisha Romero at the above number.

Sincerely,

Don Staley
Administrative Supervisor

LR
Enclosure
cc: D. R. Nielson
R. J. Firth
0682S-10

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instruction
verse side)

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

Confidential

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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
MERIDIAN OIL INC.

3. ADDRESS OF OPERATOR
5613 DTC Parkway, Englewood, CO 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface SWNE (2320' FNL and 2022' FEL)

5. LEASE DESIGNATION AND SERIAL NO
U-17024

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

7. UNIT AGREEMENT NAME
N/A

FARM OR LEASE NAME
E. Mountain-Federal

8. WELL NO.
32-23

10. FIELD AND POOL, OR WILDCAT
E. Mountain (Wildcat)

11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA
Sec 23-T16S-R6E

14. PERMIT NO.
API 43-015-30231

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
10,344' GL

12. COUNTY OR PARISH
Emery

13. STATE
Utah

RECEIVED
JAN 08 1990

DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Annual Status Report

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Operations on the subject well have been suspended until Spring, 1990, at which time completion operations will commence.

OIL AND GAS	
DRN	RF
JRB	GLH
DTS	SLS
LTAS	
MICROFILM	
FILE	

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

SIGNED

Sally L. Duffall

TITLE

Drilling Technician

DATE

1-5-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-17024	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Meridian Oil Inc.		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 5613 DTC Parkway, Englewood, CO 80111		8. FARM OR LEASE NAME E. Mountain Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2320' FNL and 2022' FEL (SWNE) At top prod. interval reported below Same At total depth Same		9. WELL NO. 32-23	
14. PERMIT NO. API# 43-015-30231		10. FIELD AND POOL, OR WILDCAT E. Mountain (Wildcat)	
DATE ISSUED 7-1-88		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23-T16S-R6E	
15. DATE SPUDDED 9-16-89		12. COUNTY OR PARISH Emery	
16. DATE T.D. REACHED 9-29-89		13. STATE UT	
17. DATE COMPL. (Ready to prod.) 10-27-89		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 10358' KB, 10345' GL	
19. ELEV. CASINGHEAD 10342'		20. TOTAL DEPTH, MD & TVD 7476'	
21. PLUG, BACK T.D., MD & TVD 7321'		22. IF MULTIPLE COMPL., HOW MANY* -----	
23. INTERVALS DRILLED BY -----		ROTARY TOOLS 0-7476'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7170-7210'		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-SFL, LDT, CNTG, NGT		27. WAS WELL CORED NO	

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#/ft.	2665'	12-1/4"	973 sx Lite	None
7"	23#/ft	7361'	8-3/4"	200 sx class "G"	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	7172'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7170-7178', 4 JSPF, 32 gram charges		DEPTH INTERVAL (MD)	
7181-7193', 4 JSPF, 32 gram charges		AMOUNT AND KIND OF MATERIAL USED	
7198-7210', 4 JSPF, 32 gram charges		7170-7210'	
		Acid: 4800 gal. 15% HCL	
		Frac: 90000 lb. 20/40 mesh sand, 1.1 mmcf nitrogen and 406 bbls 2% KCL water	

33.* PRODUCTION

DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI - W/O pipeline	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-24/27-89	72	18/64	-----	-0-	3660	-0-	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
650 psi	780 psi	-----	-0-	1220	-0-	N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Flared; SI w/o pipeline

TEST WITNESSED BY
Mr. Allan Vrooman

35. LIST OF ATTACHMENTS

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

SIGNED JEH TITLE Regional Drilling Engineer DATE 1-17-90

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
North Horn	Surface	1105				
Castlegate Ss.	1105	1525	Sandstone, Lt. gy., vfg.	North Horn	Surface	Surface
Blackhawk	1525	2355	Sandstone, shale, coal	Castlegate Ss.	1105	1105
Star Point Ss.	2355	2745	Sandstone, lt. gy., vfg.	Blackhawk	1525	15 ⁰⁵
Mancos	2745	3940	Shale, dk. gy., calcareous	Star Point Ss.	2355	2355
Emery	3940	5510	Sandstone, lt. gy., vfg., some coal	Mancos	2745	2745
Blue Gate	5510	7170	Sahle, med. to dk. gray, sli. calc.	Emery	3940	3940
Ferron	7170	T.D.	Sandstone, lt to med. gray, vf.-fg.	Blue Gate	5510	5510
				Ferron	7170	7170

RECORDED
 JAN 22 1990
 DIVISION OF
 OIL, GAS & MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPPLICATE*
(Other instructions on re-verse side)

Budget Bureau No. 1004-1
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 a well. Use "APPLICATION FOR PERMIT" for such proposals.

5. LEASE DESIGNATION AND SERIAL NO.
U-17024

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED
JUL 11 1990

1. OIL WELL GAS WELL OTHER

UNIT AGREEMENT NAME
East Mountain Unit
FARM OR LEASE NAME

2. NAME OF OPERATOR
Meridian Oil Inc.

East Mountain Federal

3. ADDRESS OF OPERATOR
5613 DTC Parkway, Englewood, CO 80111

DIVISION OF
OIL, GAS & MINING

9. WELL NO.
32-23

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

10. FIELD AND POOL OR WILDCAT
East Mountain

SWNE (2320' FNL and 2022' FEL)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23-T16S-R6E

14. PERMIT NO. API# 43 -15 30231
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 10344' GL

12. COUNTY OR PARISH
Emery
13. STATE
UT

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
Other: _____

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
Other: _____

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Attached Production plan was requested by Forest Service. Also revised production pad layout and restoration plan.

OIL AND GAS	
DFN	RJF
JFB	GLH
DIS	SLS
MICROFILM	
FILE	

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

SIGNED [Signature] TITLE Senior Engineer DATE 7-6-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Roads to be Constructed and Reconstructed

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

Location of Existing and/or Proposed Facilities if Well is Productive

All permanent (onsite for 6 months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. The color will be Dark Olive Green.

A tank battery is constructed on this lease will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the tank.

All loading lines will be placed inside the berm surrounding the tank.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place before any deliveries. Tests for meter accuracy will be conducted monthly for the first 3 months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Area Manager. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

Proposed facilities layout is attached.

Methods for Handling Waste Disposal

All trash must be contained and disposed of by hauling to the nearest disposal. No burning will be required.

Methods for Handling Waste Disposal (Continued)

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. This lined pit will have a wire net cover to prevent birds from falling in. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

Plans for Restoration of Surface:

The San Rafael Resource Area will be notified at (801) 637-4584 2 days prior to commencement of dirt work, construction or reclamation.

All reclaimed areas will be recontoured to the approximate natural contours. A brow ditch will be built above and around the production pad to divert natural runoff around the pad.

The stockpiled topsoil will be spread evenly over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The seed mixture will be as per Forest Service direction.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

All gravel on location which is visually contaminated with oil will be collected and disposed of off forest. All drilling material remaining in the blow pit will be transported and disposed of off forest in a state approved landfill.

Gravel will be collected from the areas to be restored and stockpiled for future use.

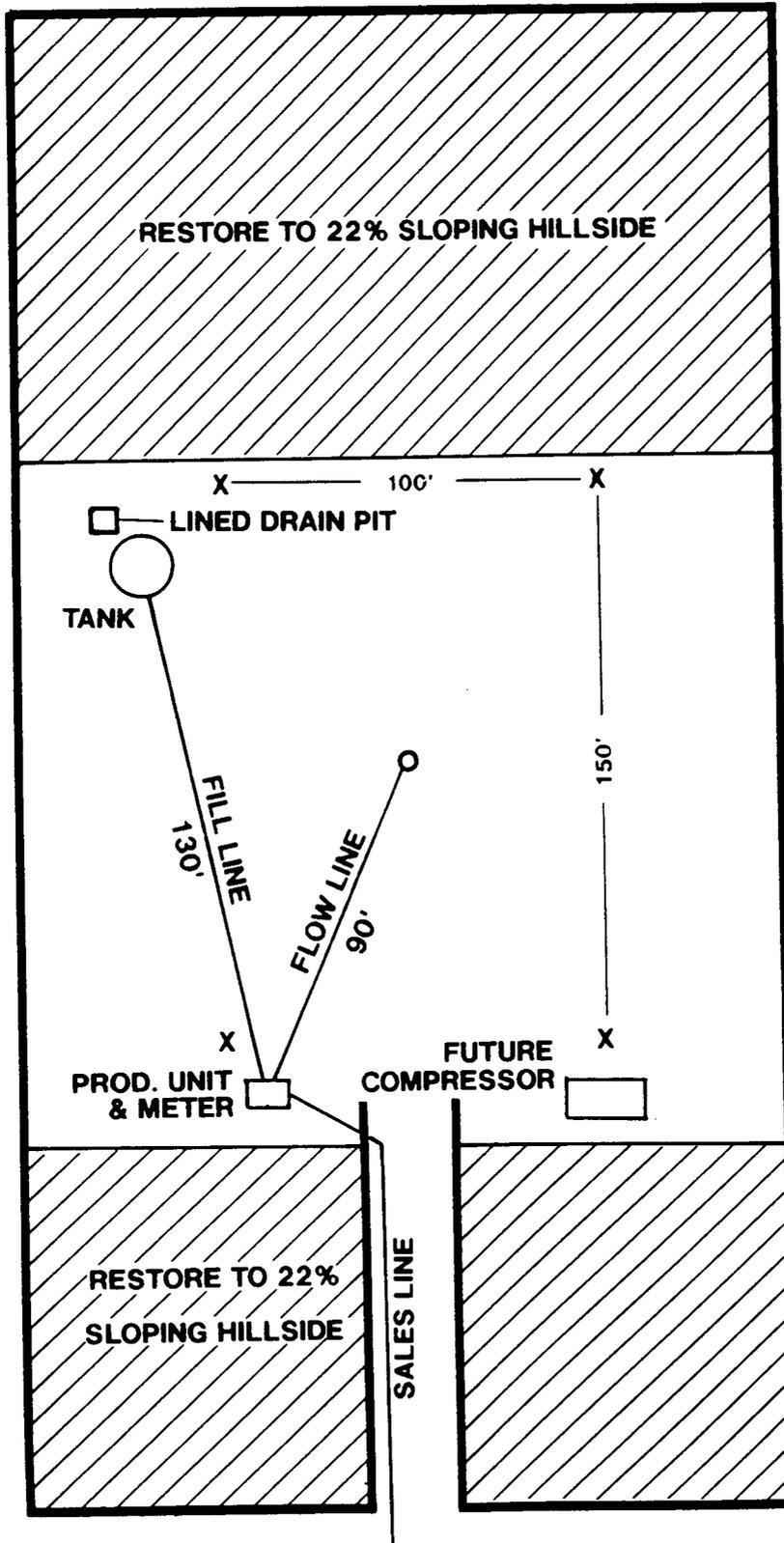
A plat of proposed location facilities and areas to be reclaimed from the drilling pad is attached.

After reclamation seeding, a sheep net and 2 strand barbed wire letdown fence will be constructed around the drill and quarry sites to exclude livestock. The fence will be maintained by Meridian until vegetation is adequately reestablished.

Surface Ownership: USDA Forest Service
Mineral Ownership: Federal

**MERIDIAN OIL
PRODUCTION FACILITIES LAYOUT**

**#32-23 FEDERAL
T 16 S - R 6 E, SEC. 23
2320' FNL 2022' FEL
Emery County, Utah**



CONFIDENTIAL
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

(See other In-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Meridian Oil Inc.

3. ADDRESS OF OPERATOR
5613 DTC Parkway, Englewood, CO 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface SWNE (2320' FNL and 2022' FEL)
 At top prod. interval reported below Same
 At total depth Same

14. PERMIT NO. 43-015-30231 DATE ISSUED 7-1-88

15. DATE SPUDDED 9-15-89 16. DATE T.D. REACHED 9-30-89 17. DATE COMPL. (Ready to prod.) N/A; w/o flowline 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 10,358'KB, 10,345'GL 19. ELEV. CASINGHEAD 10,346'

20. TOTAL DEPTH, MD & TVD 7476' 21. PLUG, BACK T.D., MD & TVD 7321' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 7476' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7170-7210' - Ferron

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, LDT, CNTG, NGT, SDL-DSEN - 1200-2675'
CBL-VDL-GR-CCL 6800-7300' VI-CBL 7304-6800'

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	2664'	12-1/4"	1023 sxs Lead & "G"	-----
7"	23#	7361'	8-3/4"	200 sxs "G"	-----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7172'	-----

31. PERFORATION RECORD (Interval, size and number)
7170-78', 7181-93', 7198-7210' - with 4" Expendable HSC gun, 1 jspf - total 32 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7170-7210'	4800 gal 15% HCL, 70 - 1.1 ball sealers, 5.0 BPM @ -0- psi, 55,930 gal 65/75 foam and 90,000# 20/40 mesh sand, 1.1 mmcf N2.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
N/A	Flowing	Shut-in w/o flowline

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-26/29-89	84	18/64	→	-0-	11,369	-0-	N/A

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented

35. LIST OF ATTACHMENTS

5. LEASE DESIGNATION AND SERIAL NO.
U-17024

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
E. Mountain Federal

9. WELL NO.
32-23

10. FIELD AND POOL, OR WILDCAT
E. Mountain (Wildcat)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 23-T16S-R6E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

25. WAS DIRECTIONAL SURVEY MADE
NO

27. WAS WELL CORED
NO

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

SIGNED [Signature] TITLE Sr. Engineer DATE June 14, 1990

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
NO CORES OR DST'S				Castlegate	1107	1525
				Blackhawk	1525	2397
				Starpoint	2397	2745
				Mancos	2745	3938
				Emery	3938	5510
				Bluegate	5510	7168
				Ferron	7168	T.D.
				T.D.	7476	

OIL AND GAS	
DRN	<input checked="" type="checkbox"/>
1-JOB	<input checked="" type="checkbox"/>
DTS	<input type="checkbox"/>
SLS	<input type="checkbox"/>
2-DNE	
MICROFILM	
3- FILE	

**UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE
 (Other instructions
 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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 Meridian Oil Inc.

3. ADDRESS OF OPERATOR
 5613 DTC Parkway, Englewood, CO 80111

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

SWNE (2320' FNL & 2022' FEL)

14. PERMIT NO.
 API # 43-15-30231

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
 10344' GL

5. LEASE DESIGNATION AND SERIAL NO.
 U-17024

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 East Mountain Unit

8. FARM OR LEASE NAME
 East Mountain Federal

9. WELL NO.
 32-23

10. FIELD AND POOL, OR WILDCAT
 East Mountain

11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA
 Sec. 23, T16S-R6E

12. COUNTY OR PARISH 13. STATE
 Emery Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
 FRACTURE TREAT MULTIPLE COMPLETE
 SHOOT OR ACIDIZE ABANDON*
 REPAIR WELL CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
 FRACTURE TREATMENT ALTERING CASING
 SHOOTING OR ACIDIZING ABANDONMENT*
 (Other)

(Other) Install flow line

(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.)*

See Attachment

OIL AND GAS	
DFN	RJF
JPB	GLH
DIS	SLS
MICROFILM	
1-	FK E

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

SIGNED: [Signature]

TITLE Sr Engineer

DATE 8/23/90

(This space for Federal or State office use)

APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

We propose to install a 2 1/2 inch aluminum flow line from the wellsite to the sales line.

This line will be plowed in place, it will not require an open ditch. We will install the line under existing road culverts by using a backhoe and joining the pipe. A minimum one foot vertical clearance will be maintained between culverts and the flow line. The road disturbance will be recompacted by driving the tractor over the disturbed area. If this is not sufficient or subsequent settling occurs, we have a stock pile of gravel for use in repairing any damage.

Attached is a survey of the proposed flow line. The line will be buried at least 36" along the center line of the existing road from the wellsite to the cattle guard (point A) where it will then be on the surface (point A to B), buried at least 36" under the road (point B), along the surface to the head of flat canyon (point B to C), buried at least 36" under the abandoned flat canyon road to the existing surface sales line (point C to D), parallel the existing sales line (new line to be buried) to the compressor site on the East Mountain Unit #13-35 (point D to E). The attached plat illustrates this flow line configuration.

The surface line will be along the steep downhill grade. This is being done at the request of the forest service to minimize surface and visual disturbance.

This 2 1/2" flow line will be coated to prevent exterior corrosion. The bright yellow coating will be covered with a black pipeline wrap where the line is on the surface to minimize visual disturbance.

Pressure rating is 835 psi maximum working pressure, actual diameter is 2.88" with a 0.12" wall thickness. It is coated with a high density corrosion coating.

We are wanting to parallel the existing sales line from flat canyon to the EMU #13-35 in order to utilize our current compressor site. We have a compressor on the #13-35 location which can be upgraded to allow flow from this well. This will avoid additional disturbances of another site. The 2 1/2" flow line will provide sufficient flow capacity for another two wells from the top of East Mountain without further upgrade. We do not anticipate additional drilling on East Mountain before 1992.

We want to begin construction September 17, 1990 subject to permit approval and contractor availability.

An authorized company representative will be on site during the construction period.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Approved for Release
Project Bureau No. 1004-0
Expires August 31, 1985
Conf.

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.)

1. OIL WELL GAS WELL OTHER OCT 30 1990

2. NAME OF OPERATOR
Meridian Oil Inc.

3. ADDRESS OF OPERATOR
5613 DTC Parkway, Englewood, CO 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
SWNE (2320' FNL and 2022' FEL)

14. PERMIT NO. API# 43-015-30231

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.
USA U-17024

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

7. UNIT AGREEMENT NAME
East Mountain Unit

8. FARM OR LEASE NAME
East Mountain Unit

9. WELL NO.
32-23

10. FIELD AND POOL, OR WILDCAT
East Mountain

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23-T16S-R6E

12. COUNTY OR PARISH
Emery

13. STATE
UT

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) Report of 1st Production <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.)*

This well was placed on production 10-28-90.
Initial Production: 1300 Mcfd

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

SIGNED J.D. K.S. Muncy TITLE Regional Drilling Engineer DATE 10-29-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*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. () _____

Conf

- X Reinstated Flat Canyon Field - to include all of Section 23-16S-6E, Emery County, East Mountain Unit 32-23 Well, Ferron Sandstone. 43-015-30091 FNSD POW
- X Extended Duchesne Field - to include SE SE, Section 3-4S-4W, Duchesne County, Ute Tribal 1-3D Well, Green River Pool. 43-013-31040 GRRV
- X New Field - Unnamed 24-4S-5W to include NW NW, Section 24-4S-5W, Duchesne County, CC Ute 1-24D Well, Green River Pool. 43-013-31034 GRRV
- X New Field - Ten Mile to include SW SW, Section 26-24S-17E, Grand County, Federal #1-26, Paradox Pool. 43-019-30088 PSDX
- X New Field - Tower to include NE SE, Section 1-40S-25E, San Juan County, Tower #11-2, Desert Creek Pool. 43-037-31507 FSNV
- X New Field - Cajon Mesa to include NW NW, Section 8-40S-25E, San Juan County, Cajon Mesa #8-D-1, Desert Creek Pool. 43-037-31497 DSCR
- X New Field - Monument to include SE SW, Section 8-40S-25E, San Juan County, Monument #8-N-2, Desert Creek Pool. 43-037-31509 DSCR
- X New Field - Runway to include SW NE, Section 10-40S-25E, San Juan County, Runway 10G #1, Desert Creek Pool. 43-037-31515 DSCR
- X Extended Rock House Field - to include SE SE, Section 18-11S-23E, Uintah County, Marble Mansion Unit #1, Wasatch Pool. 43-047-31805 WSTC

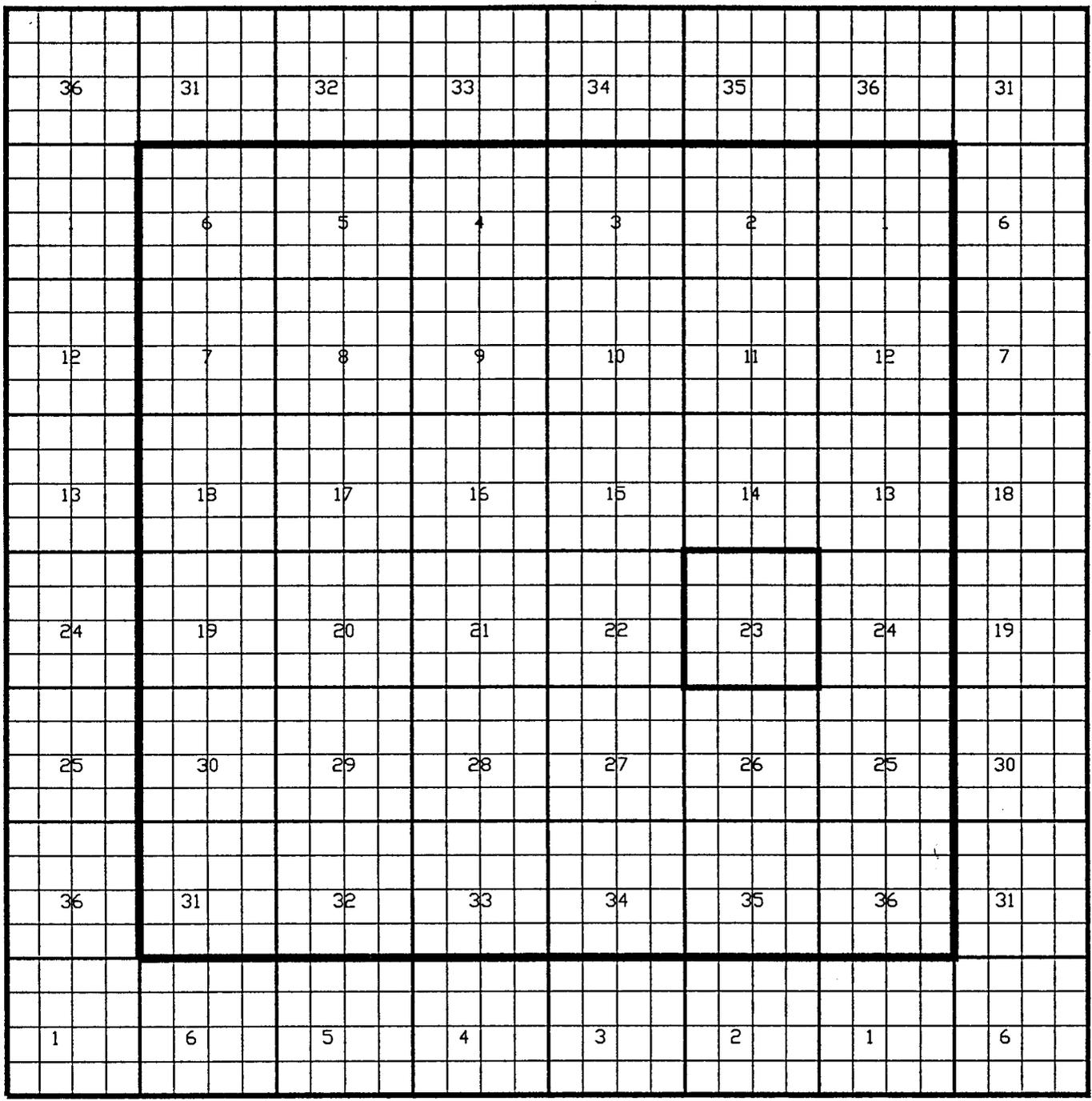
Also, Sandy Hunt, made a recommendation, based on research completed on all fields in Utah, that certain revisions to the field categories be made.

The committee approved the new field categories and made a recommendation that the categories be updated and kept current on a yearly basis. The following field categories should be recognized:

1. Active Field: Area that includes currently producing wells.
2. Inactive Field: Area that includes shut in well(s) that have produced in the past and may be capable of producing in the future.
3. Terminated Field: Area that includes wells that have never produced and areas that have been included in other fields.

After discussion of all agenda items, Mr. Firth indicated that the next meeting would be scheduled for some time in April 1991. There being no other business, the meeting adjourned at approximately 3:30 p.m.

FLAT CANYON



T. 16S

R. 6E

TOWNSHIP 16 SOUTH, RANGE 6 EAST - EMERY COUNTY - 011

SECTION 23: ALL

REESTABLISHMENT OF FLAT CANYON FIELD
(ONLY SECTION 23: ALL) FROM TERMINATED
FLAT CANYON FIELD

OCTOBER 1990
FERRON-SANDSTONE POOL

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

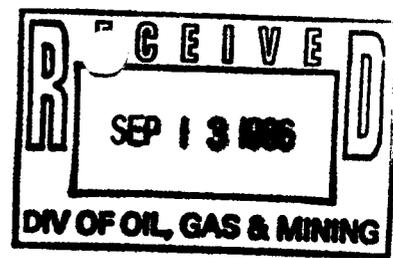
AMENDED REPORT (Highlight Changes)

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	✓		K15203	E. mtn. Unit	
✓ INDIAN CREEK UNIT 021762-3 4301530175	02585	17S 06E 2	FRSD	✓		K15204	E. mtn. Unit	
✓ 13-35 EMU HRE FEDERAL 4301530230	02585	16S 06E 35	FRSD	✓		K56933	E. mtn. Unit	
✓ E MOUNTAIN UNIT 32-23 4301530231	02585	16S 06E 23	FRSD	✓		K17024	E. mtn. Unit	
✓ HATCH POINT 27-1A 4303730518	02815	27S 21E 27	CNCR	✓		K-20016	Hatch Point K / Exxon? Susp.? (Non Committed Lease)	
✓ T CANYON UNIT 33-18 4301916203	09515	16S 25E 18	NWSE CDMTN	✓		K05059		
✓ NAVAJO FEDERAL 9-1 4303731001	09975	39S 25E 9	NWNE ISMY	✓		K52333	Kiva (Upper Mesa) Unit	
✓ NAVAJO FEDERAL 4-2 4303731161	09975	39S 25E 4	SWSE ISMY	✓		K52333	Kiva (Upper Mesa) Unit	
✓ NAVAJO FEDERAL #4-4 4303731179	09975	39S 25E 4	NWSW ISMY	✓		K52333	Kiva (Upper Mesa) Unit	
✓ 24-4 KIVA FEDERAL 4303731745	09975	39S 25E 4	SESW ISMY	✓		USA K52333	Kiva (Upper Mesa) Unit	
✓ HAVASU-FEDERAL #22-19 4303731278	10654	38S 24E 19	SESW ISMY	✓		K56186	Kechine Unit	
✓ HAVASU-FEDERAL #41-24 4303731279	10654	38S 23E 24	NENE ISMY	✓		K20895	Kechine Unit	
TOTALS								

COMMENTS: _____

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

MERIDIAN OIL



September 10, 1996

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

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

Gentlemen:

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

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

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

Sincerely,

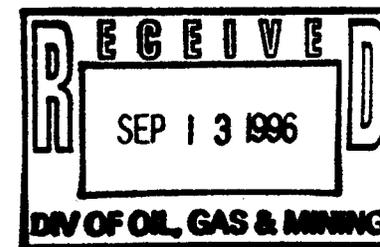
BURLINGTON RESOURCES OIL & GAS CO.

A handwritten signature in cursive script, 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 (wsu)	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)	NAVAJO 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 (wsu)	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
ON MESA	HATCH POINT FEDERAL	27-1A	CANE CREEK	SAN JUAN	NESW	27	027S	021E	43-037-3051800	8910184250	02815

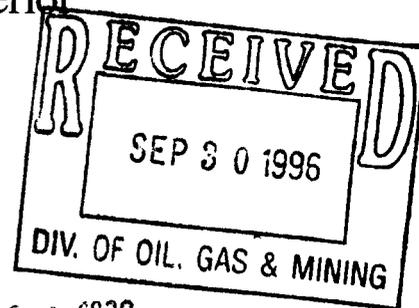




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



SEP 28 1996

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

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-LEC ✓
2-GLD ✓	7-KDR ✓
3-DTS ✓	8-SJ ✓
4-VLD ✓	9-FILE
5-RJF ✓	

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

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

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

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

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

Name: <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: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- 1 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)*
- 2 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)*
- 3 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)*
- 4 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.
- 5 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(i. WIC Program)*
- 6 6. Cardex file has been updated for each well listed above. *(10-3-96)*
- 7 7. Well file labels have been updated for each well listed above. *(10-3-96)*
- 8 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)*
- 9 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

- See 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 "rides" 80,000 to Burlington rec'd by Trust Lands Admin.

- See 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.
OT 3 11/4/96

FILMING

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

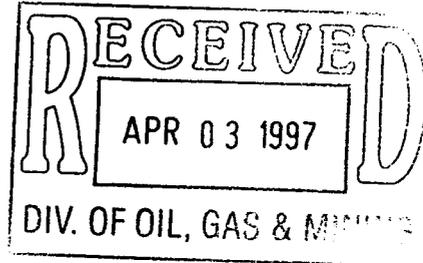
FILING

- ___ 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

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**

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>U17624</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 021762 3	02 017S 006E	ML-27626	GAS WELL	43,015,3017500		57287U6920	025 <i>U15204</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 1	02 017S 006E	ML-27626	GAS WELL	43,015,3008200		57287U6920	025 <i>ML-27626</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 10176 5	10 017S 006E	ML-27626	GAS WELL	43,015,3011700		57287U6920	025 <i>U15203</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 14176 1	14 017S 006E	UTU15202	GAS WELL	43,015,3009100		UTU15202	109 <i>U15202</i>
SAN JUAN	BANNOCK ,ISMAY	BANNOCK FEDERAL 21-33	33 038S 024E	UTU60786	OIL WELL	43,037,3142500	60786A	UTU60786A	109 <i>U40361</i>
SAN JUAN	KACHINA ,CUTLER	WASH UNIT 2	13 038S 023E	UTU20894	WATER SOURCE	43,037,3132400		UTU20894	106 <i>U20894 (To Water Rights 4-7-97)</i>
SAN JUAN	KACHINA ,ISMAY	ARABIAN FEDERAL 2	19 038S 024E	UTU56186	WATER INJECTED	43,037,3128200		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 11-19	19 038S 024E	UTU56186	WATER INJECTED	43,037,3145800		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19	19 038S 024E	UTU56186	OIL WELL	43,037,3145700		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19A	19 038S 024E	UTU56186	OIL WELL	43,037,3145900		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 22-19	19 038S 024E	UTU56186	OIL WELL	43,037,3127800		UTU56186	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 41-24	24 038S 023E	UTU20895	OIL WELL	43,037,3127900		UTU20895	106 <i>U56186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 42-24	24 038S 023E	UTU20895	WATER INJECTED	43,037,3129800		UTU20895	106 <i>U20895</i>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No.
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No (915)688-6800 P. O. BOX 51810, MIDLAND, TX 79710-1810		7. If Unit or CA, Agreement Designation UT060P49-87U69
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2320 FNL & 2022 FEL, SWNE 23 016S 006E, SLM		8. Well Name and No. EAST MOUNTAIN FEDERAL 32-23
		9. API Well No. 43,015,3023100
		10. Field and Pool, or Exploratory Area EAST MOUNTAIN, FERRON
		11. County or Parish, State EMERY, UT

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

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

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

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

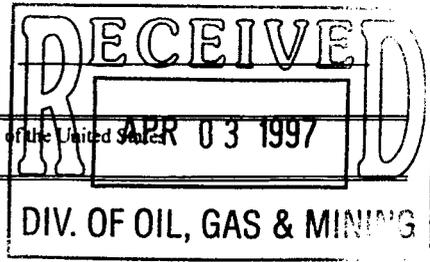
EFFECTIVE JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE OPERATOR OF RECORD OF THE EAST MOUNTAIN FEDERAL 32-23 WELL, TRANSFERRED ALL OF ITS RIGHT, TITLE AND INTEREST IN SAID WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 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

Oil Well Gas Well Other

2. Name of Operator

MERIT ENERGY COMPANY

3. Address and Telephone No (972) 701-8377

12222 MERIT DRIVE, DALLAS, TX 75251

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2320 FNL & 2022 FEL, SWNE

23 016S 006E, SLM

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

UT060P49-87U69

8. Well Name and No.

EAST MOUNTAIN FEDERAL 32-23

9. API Well No.

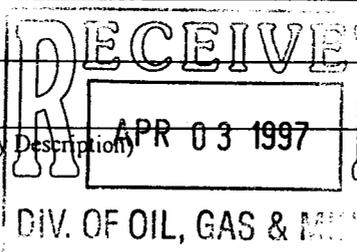
43,015,3023100

10. Field and Pool, or Exploratory Area

EAST MOUNTAIN, 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

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other CHANGE OF OPERATOR

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 EAST MOUNTAIN FEDERAL 32-23 WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251. ON APRIL 1, 1997, MERIT ENERGY COMPANY, THE GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS AND IS CONSIDERED TO BE THE OPERATOR OF SAID WELL AS OF THAT DATE.

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

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

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

(This space for Federal or State office use)

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N7670

REPORT PERIOD (MONTH/YEAR): 10 / 97

AMENDED REPORT (Highlight Changes)

Well Name	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	Awaiting Bond 11/97	
INDIAN CREEK 10176-5	4301530117	02585	17S 06E 10	FRSD			U15203		
INDIAN CREEK UNIT 021762-3	4301530175	02585	17S 06E 2	FRSD			U15204	E. mtn. unit "Ferr R"	
13-35 EMU HRE FEDERAL	4301530230	02585	16S 06E 35	FRSD			U56933		
MOUNTAIN UNIT 32-23	4301530231	02585	16S 06E 23	FRSD			U17024		
BANNOCK-FEDERAL 21-33	4303731425	10923	38S 24E 33	ISMY					
TOTALS									

COMMENTS: _____

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

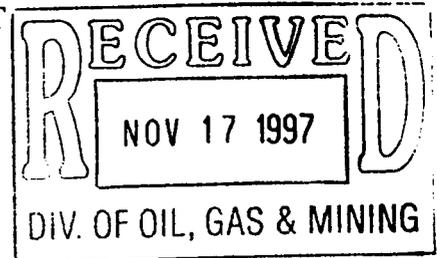
Name and Signature: _____ Telephone Number: _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
UT-931

COPY

November 13, 1997

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

Re: East Mountain Unit
Emery County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

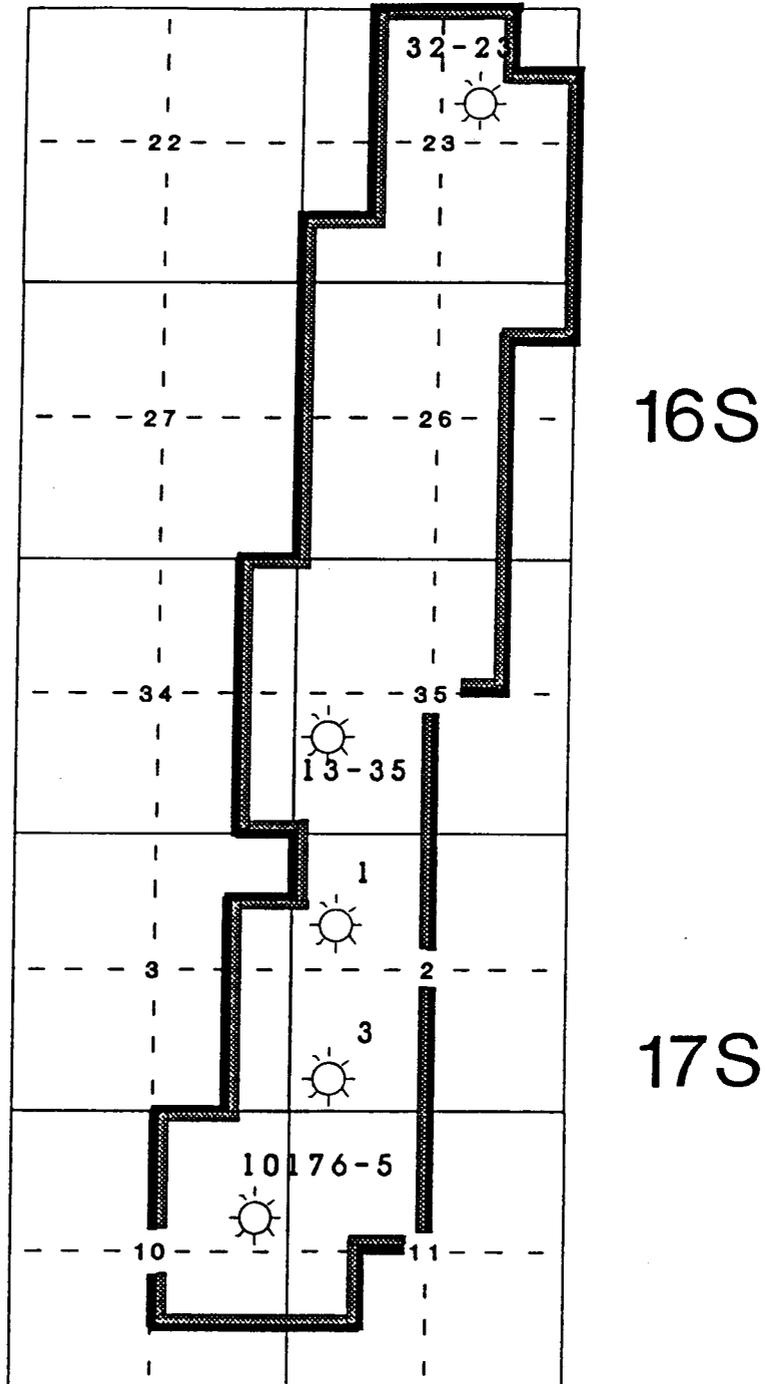
Enclosure

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

UT931:TAThompson:tt:11/13/97

EAST MOUNTAIN UNIT

Emery County, Utah



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

UNIT OUTLINE (UTU63089X)

FERRON PA "A"

AS CONTRACTED, OCTOBER 15, 1992

2,437.48 ACRES

FERRON PA "A"
ALLOCATION

FEDERAL 92.8310%

STATE 7.1690%

2,437.48 Acres

OPERATOR CHANGE WORKSHEET

1-LEC	6-LEC
2-GET	7-KAS ✓
3-PTS ✓	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

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

WELL(S) attach additional page if needed:

Name: <u>**SEE ATTACHED**</u>	API: <u>43-015-30731</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

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

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

BOND VERIFICATION - (FEE WELLS ONLY)

- Sec 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

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

FILING

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

COMMENTS

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

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

LLE: Judy Nordstrom

MEMO WRITTEN: August 15, 2005

Name of Company:

OLD

NEW NID

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

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

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

_____ (817) CORPORATE MERGER RECOGNIZED
(DATE)

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

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



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

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

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

Name Change Recognized

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

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

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

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

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

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

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

STATE OF DELAWARE
AMENDMENT TO THE CERTIFICATE
OF LIMITED PARTNERSHIP

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

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

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

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

MERIT ENERGY COMPANY.

By: _____



Bonnie C. Shea, President

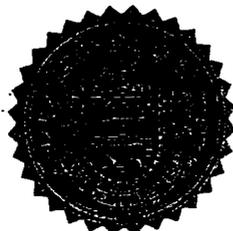
Delaware

PAGE 1

The First State

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

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



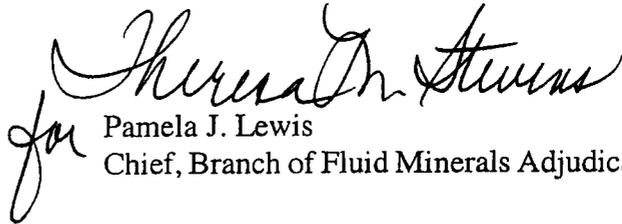
2286808 8100

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

5. Lease Serial No. **U-17024** **POSTED**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Merit Energy Company

3a. Address
13727 Noel Road, Suite 500, Dallas, TX 75240

3b. Phone No. (include area code)
972.628.1658

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2320' FNL & 2022' FEL (SW NE)
Sec. 23, T16S-R6E**

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
E. Mountain Federal 32-23

9. API Well No.
43-015-30231

10. Field and Pool, or Exploratory Area
E. Mountain

11. County or Parish, State
Emery, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Merit Energy Company proposes to re-frac this well with CO2 & return to production as follows:

MIRU WL. Install lubricator. Set plug & prong in R nipple @ 7172'. RU pulling unit. ND WH. NU BOP. TOH w/tbg. TIH w/ bit & scraper to TD @ 7289'. CO (if needed). TIH w/arrowset pkr. Set @ approx 7070'. RU frac company. Frac Ferron perms fr 7170-78', 7181-93' & 7198-7210 (50 tons CO2 / 25,000 gals Medallion frac fluid / 50,000# 20-40 sand). RD. Flow well back. Recover load wtr. Rls arrowset pkr & TOH w/frac string. TIH w/tbg to 7172'. ND BOP. NU WH. RDMO. RWTP.

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary
RECEIVED
JUL 14 2006

RECEIVED
JUN 16 2006

By: *[Signature]*
7/19/06

BY OF OIL, GAS & MINING

WYOMING OIL & GAS
CONSERVATION COMMISSION

c: Wyoming Oil & Gas Conservation Commission

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

Name (Printed/Typed) Karla Stines	Title Sr. Regulatory Analyst
Signature <i>[Signature]</i>	Date June 12, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title COPY SENT TO OPERATOR
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Date JUN 16 2006
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 statements or representations as to any matter within its jurisdiction.	Office [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU17024
2. Name of Operator MERIT ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 13727 NOEL ROAD, SUITE 500 DALLAS, TX 75240		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 972-628-1658		8. Well Name and No. EAST MOUNTAIN FEDERAL 32-23
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T16S R6E SWNE 2320FNL 2022FEL		9. API Well No. 43-015-30231
		10. Field and Pool, or Exploratory EAST MOUNTAIN
		11. County or Parish, and State EMERY COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/21/2006, Merit Energy Company rigged up on the East Mountain Fed 32-23 & performed the following:

RUSL. Set plug in R nipp. RDSL. TOH w/ tbg. TIH w/ 6-1/4" bit & scraper. TOH. TUWL. Attempted to run cmt bond log, but were unable to get bond log due to lack of fluid level. POH. RIH w/ gamma ray & collar log. NDWL. PU Baker R-3 7" pkr & 3-1/2" P-110 tbg. Set pkr @ 7074.61' KB. ND sales line. NU Stinger. NU frac equip. On 7/5/2006, BJ Services frac'd well @ 18.5 bpm w/ 20,062 gal Medallion frac fluid w/ 30 quality CO2 & 50,000 lbs of 20/40 White Sand. Max treating press=1523 psi, min treating press=41 psi, avg treating press=786 psi. ISDP=47 psi. 5 min SIP=0 psi. ND frac crew. ND Stinger. NU lines for flowback. Opened well to tank on 3/4" choke. Well flowed 30 min until dead. Release pkr. TOH & LD 3-1/2" frac string. TIH w/ 2-7/8" prod tbg. Tag fill @ 7230'. LD extra tbg. TOH w/ 8 stands. Install & NU inj mandrel. TIH w/ 8 stands banding 1/4" nylon-coated stainless steel inj line to tbg. NUWH. NU swab rig. SN @ 7171'. Swabbed frac fluid back. Put well on prod

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

**Electronic Submission #69855 verified by the BLM Well Information System
For MERIT ENERGY COMPANY, sent to the Moab**

Name (Printed/Typed) MICHAL K WHITE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/08/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

RECEIVED

MAY 11 2009

DIV. OF OIL, GAS & MINING

Additional data for EC transaction #69855 that would not fit on the form

32. Additional remarks, continued

7/13/2006 making 117 mcf.

cc: State of Utah, Divison of Oil, Gas & Mining

43-015-30231
E mtr U 32-23
T16S R6E S23

Cooperative Development Agreement (“Agreement”)

Between

PacifiCorp

And

**Merit Management Partners I, L.P. & Merit Energy Partners III, L.P. (collectively
“Merit”)**

And

The Utah Division of Oil, Gas and Mining (DOG M)

1. **Purpose.** The purpose of this Agreement is to establish a working relationship regarding multiple mineral development to ensure the maximum utilization of the coal and oil and gas estates in certain lands in Emery County, Utah all in the interest of the conservation and full utilization of natural resources.

2. **Respective Interests.** The lands subject to this Agreement are located in Township 16 South, Range 6 East, Sections 23, 26, and 27 (the “Area of Interest”). SLB&M, Emery County, Utah. The interests of the parties are as follows:

PacifiCorp: PacifiCorp is the Lessee of Record with respect to Federal Coal Lease UTU-88554. PacifiCorp has submitted a lease modification application for un-leased coal adjacent to federal coal lease UTU-88554 to the authorized officer of the Bureau of Land Management (BLM), Utah State Office, in accordance with the applicable rules and regulations set forth within title 43 CFR Subpart 3432, inclusive of the Area of Interest. See Figure 1 for an illustration of the lease modification area.

Merit Partners LP & Merit Energy Partners III, LP: Merit is the working interest owner of United States Oil & Gas Lease U-17024 (the “Lease”). Merit is the owner and operator of a producing gas well identified as Well No. 32-23 (the “Well”) and the flowline located in the Area of Interest (the “Flowline”; and together with the Lease and Well, the “Merit Assets”). The Well was drilled in 1989 and flowline was installed in 1999.

3. **Multiple Mineral Development.** PacifiCorp plans to conduct active coal mining operations in the lease modification area, which is in the vicinity of Well No. 32-23, by and through Interwest Mining Company, a wholly owned subsidiary, as its managing agent, and Energy West Mining Company, another wholly owned subsidiary, as mine operator. These mining operations are in the Deer Creek Mine with proposed mine development in the lease modification area shown in Figure 2. It is anticipated that the full extraction of PacifiCorp’s proposed 2nd West through 7th West longwall panels could potentially cause mining induced subsidence impacts to the Merit Assets as it crosses the Area of Interest. The parties wish to enter into a proactive agreement to establish the working relationship among the parties as this multiple mineral development activity takes place so as to insure the safe and effective compatible usage of both the coal and the oil and gas estates and to achieve maximum economic recovery of these natural resources.

4. Agreement.

A. PacifiCorp, on its own behalf and on behalf of Energy West Mining Company and Interwest Mining Company:

- i) Will communicate regularly with each of the other parties regarding the progress of the extraction of the lease modification longwall panels.
- ii) Will provide to Merit on a confidential basis geologic and engineering information needed to fully evaluate the relationship between Merit Assets and PacifiCorp's mining operations.
- iii) Will relocate, at PacifiCorp's sole expense, any section of the Flowline impacted or otherwise affected by PacifiCorp's operations to the surface prior to full extraction mining. Such relocation shall be undertaken only after written concurrence by Merit with a plan of action to be followed by the parties.
- iv) Will repair at PacifiCorp's sole expense, any damage to the Merit Assets directly or indirectly arising from PacifiCorp's operations, acts or omissions. Such repairs shall be undertaken only after written concurrence by Merit of a plan of action to be followed by the parties. If the Well is impacted, affected or otherwise damaged by PacifiCorp's operations and the Well cannot be returned to its former level of production, PacifiCorp agrees to be liable for the lesser of (a) the cost to redrill the Well or (b) the present value of the current and future production from the Well in its condition prior to any such damage *less* the present value of the current and future production from the Well in its condition after such damage, including the efforts to restore production.
- v) Will for a period of time prior to the extraction of the proposed longwall panels and thereafter, for a minimum of six months following extraction of the said panels, maintain subsidence survey points within a 15° angle of draw to the Flowline and will report to Merit the data obtained from said subsidence survey monitoring.
- vi) **WILL PROTECT, DEFEND, RELEASE, INDEMNIFY AND HOLD HARMLESS MERIT AND ITS JOINT INTEREST OWNERS, PARTNERS, AFFILIATES, CONTRACTORS, EMPLOYEES AND THE OFFICERS AND DIRECTORS OF ANY OF THE FOREGOING FROM ANY AND ALL CLAIMS, DEMANDS, SUITS AND/OR CAUSES OF ACTION, WHETHER BASED IN TORT, CONTRACT, AND STRICT LIABILITY OR OTHERWISE AND WHETHER RELATED TO PERSONAL INJURY, PROPERTY DAMAGE, TRESPASS, ENVIRONMENTAL CONTAMINATION OR OTHERWISE, RESULTING FROM PACIFICORP'S OPERATIONS, ACTS OR OMISSIONS. PACIFICORP'S INDEMNIFICATION UNDER THIS PROVISION SHALL NOT BE LIMITED BECAUSE SAID CLAIMS, DEMANDS, SUITS AND/OR CAUSES OF ACTION ARISE, IN WHOLE OR IN PART, DUE TO THE NEGLIGENCE OF THE INDEMNIFIED PARTIES OR BECAUSE STRICT LIABILITY WOULD BE IMPOSED ON THE INDEMNIFIED PARTIES.**

B. Merit:

- i) Does hereby consent to the full extraction by PacifiCorp of the UTU-88554 lease modification longwall panels.
- ii) Will communicate with each of the other parties (at such parties' reasonable requests) regarding the status of production from the Well and the Flowline.
- iii) Will provide to PacifiCorp any and all rights of access reasonably necessary to allow PacifiCorp to monitor the subsidence impact to, and continued operation of the Well and the Flowline as described herein.
- iv) Will, subject to prior written notification and agreement as to the repairs to be undertaken, allow PacifiCorp to take any and all corrective action necessary to repair material damage to the Flowline.
- v) Will provide PacifiCorp with such data, on a confidential basis, as may be reasonably necessary to monitor the Flowline and evaluate subsidence impact. Further Merit will take such protective measures to preserve the integrity of the Flowline as are customary in the industry in the absence of adjacent mining operations.
- vi) Will provide to PacifiCorp such technical support as may be reasonably needed to carry out the above-described activities, so long as such technical support does not cause Merit to incur expenditure of money or resources without reimbursement by PacifiCorp.
- vii) Will take such further action, at PacifiCorp's sole expense, as may be reasonably necessary to protect the integrity of the Merit Assets from subsidence related damage caused by the extraction of the projected UTU-88554 lease modification longwalls.
- viii) Will not object to the issuance of the lease modification in favor of PacifiCorp, and will not contest or challenge in any way the validity of the process to be followed in obtaining the lease modification, because of the existence of the Flowline or the Well.

C. DOGM:

- i) Does hereby acknowledge that this Agreement achieves the purposes and intents of Utah Administrative Code R649-3-27.2 such that a cooperative agreement exists between Merit and PacifiCorp which allows multiple mineral development.

E. The Parties Collectively:

- i) Will meet on an "as needed" basis to negotiate compatible usage and to provide for the continued conservation of natural resources in the event the occurrence of unanticipated events during the production of coal and gas require future operational changes.
- ii) Will work cooperatively (using commercially reasonable efforts) to ensure the maximum economic recovery of both the coal and gas estates takes place in such a way as to accomplish the purposes of this Agreement.

5. Governing Law Each party shall comply with all applicable state and federal laws and regulations that govern their activities. This Agreement shall not be construed as limiting or affecting in any way the vested or delegated authority of the parties except as specifically set forth herein.

6. **Notice** In order to insure proper notices received by the parties, any formal notice under this Agreement should be addressed as follows:

PacifiCorp:

Name: PacifiCorp
c/o Interwest Mining Company
Cindy Crane, Vice President
Address: 1407 West Temple, Suite 310
Salt Lake City, Utah 84116
Telephone: (801) 220-4609
Facsimile: (801) 220-4725
E-mail: cindy.crane@pacificorp.com

Merit:

Name: Neil Nadrash, Region Manager
Address: 13727 Noel Road, Suite 500
Dallas, TX 75240
Telephone: (972) 628-1438
Facsimile: (972) 960-1252
E-mail: neil.nadrash@meritenergy.com

DOGM:

Name: John Baza, Director
Address: 1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801
Telephone: (801) 538-5334
Facsimile: (801) 359-3940
E-mail: johnbaza@utah.gov

Informal Correspondence, Safety Concerns and Day to Day Operational Communication should be addressed as follows:

PacifiCorp

Name: PacifiCorp
c/o Energy West Mining Company
Attn: Manager of Geology and Exploration
Address: P.O. Box 310
Huntington, Utah 84528
Telephone: (435) 687-4720
Facsimile: (435) 687-2695
E-mail: chuck.semborski@pacificorp.com

PacifiCorp

Name: PacifiCorp
c/o Interwest West Mining Company
Attn: Manager, Lands & Regulatory Affairs
Address: 1407 West Temple, Suite 310
Salt Lake City, Utah 84116
Telephone: (801) 220-4612
Facsimile: (801) 220-4725
E-mail: scott.child@pacificorp.com

Merit

Name: Neil Nadrash, Region Manager
Address: 13727 Noel Road, Suite 500
Dallas, TX 75240
Telephone: (972) 628-1438
Facsimile: (972) 960-1252
E-mail: neil.nadrash@meritenergy.com

Any party may change the person to receive notice or the notice address by written notice to the other party.

7. Dispute Resolution: Upon written notice of a failure to cooperate in accordance with the terms of this Agreement, any party may provide written notice to the other parties and each of the designated representatives of the parties will make reasonable efforts to informally resolve the dispute.

- A. The parties agree to use their mutual reasonable efforts to meet and resolve the dispute within fifteen (15) days of receipt of a written notice of the existence of the dispute.
- B. The parties do not anticipate that any dispute will arise regarding either the terms of or duties owed under this Agreement. However, in the event that some point of dispute does arise, the parties understand that both the BLM and the Board of Oil, Gas & Mining have jurisdiction to participate in dispute resolution depending upon the nature of the dispute between the parties.

8. Assignment. This Agreement shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

9. Termination. This Agreement will terminate at such time as Merit and PacifiCorp agree that any future risk of subsidence damage to the Merit Assets is minimal or December 31, 2018, whichever is first to occur.

10. Effective Date. This Agreement is in effect on final signing and dating of the document and it may be executed in counter parts.

[Signature page follows]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement effective as of the last date written below.

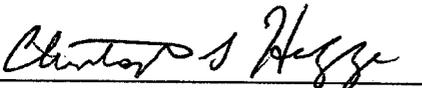
PacifiCorp

By: 
Its: Vice President
Date: 4-26-12

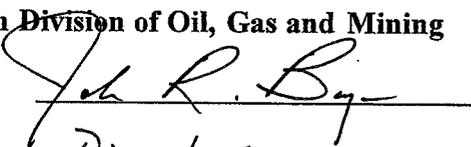
Merit Management Partners I, L.P.

Merit Energy Partners III, L.P.

By: Merit Management Partners GP, LLC,
General Partner

By:  NGP
Its: Christopher S. Hagge
Vice President
Date: 4-18-12

Utah Division of Oil, Gas and Mining

By: 
Its: Director
Date: 5/14/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-17024	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: EAST MOUNTAIN	8. WELL NAME and NUMBER: E MOUNTAIN UNIT 32-23
1. TYPE OF WELL Gas Well	9. API NUMBER: 43015302310000
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	9. FIELD and POOL or WILDCAT: FLAT CANYON
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	PHONE NUMBER: 972 628-1540 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2320 FNL 2022 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 23 Township: 16.0S Range: 06.0E Meridian: S	COUNTY: EMERY STATE: UTAH

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

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

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

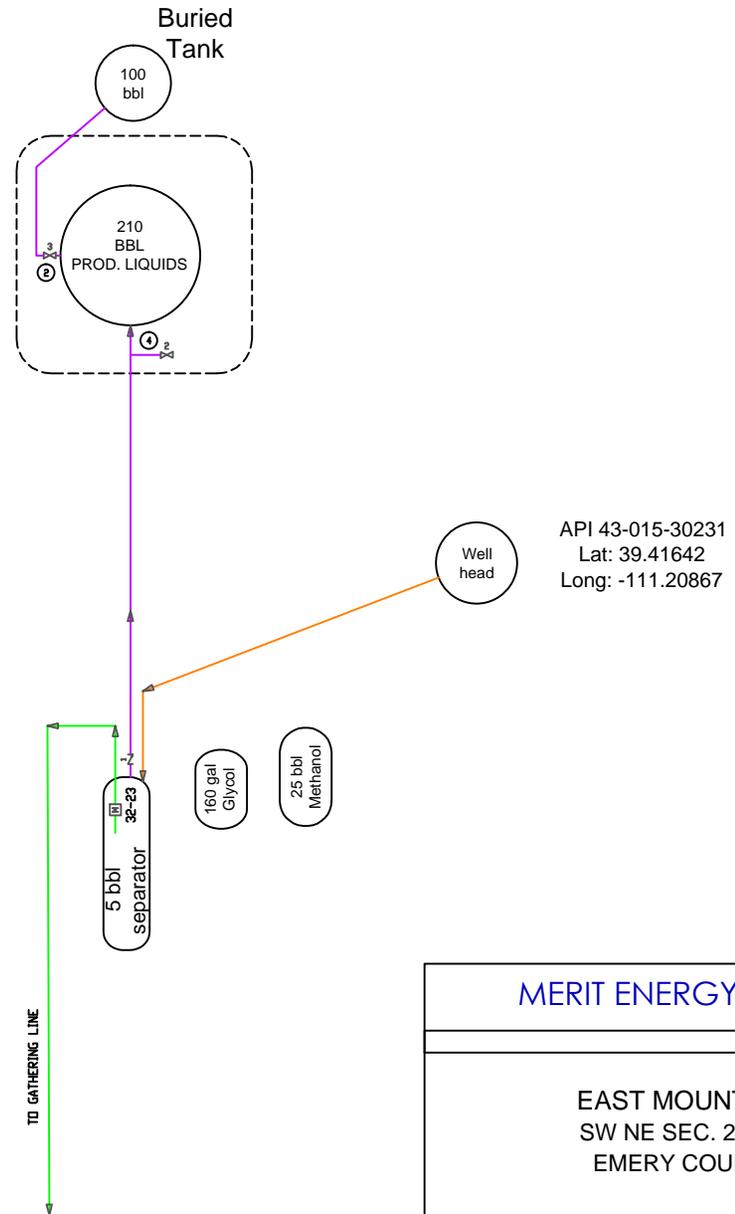
Please find attached currant Site Security Diagram for the above referenced well for your records.

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

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



NOT TO SCALE



METER LEGEND
 32-23 GAS TO GATHERING LINE

LINE LEGEND
 SALES GAS
 WATER/OIL
 WELL FLOW TO SEPARATOR

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

MERIT ENERGY COMPANY	
EAST MOUNTAIN 32-23 SW NE SEC. 23 T16S, R6E EMERY COUNTY, UTAH	
Site Security Diagram	AS BUILT August 2015