

# MERIDIAN OIL

October 15, 1987

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  
43-14 Cherokee-Federal  
NESE Section 14-37S-23E  
Federal Lease No. U-40440

Gentlemen:

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

An Exception request will be forthcoming from our Land Department in Englewood, Colorado in the near future.

Water appropriation will be Water User Claim No. 09-1499.

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/1423N

Encl

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OCT 19 1987

DIVISION OF  
OIL, GAS & MINING

**CONFIDENTIAL**

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       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 NESE (1960' FSL - 1315' FEL)  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 17 miles Northwest of Hatch Trading Post

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1315'

16. NO. OF ACRES IN LEASE 1,560

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1150'

19. PROPOSED DEPTH 6,130' *check*

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5540' GL (graded)

22. APPROX. DATE WORK WILL START\*  
 November 15, 1987

5. LEASE DESIGNATION AND SERIAL NO.  
 U-40440

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

7. UNIT AGREEMENT NAME  
 ---

8. FARM OR LEASE NAME  
 Cherokee-Federal

9. WELL NO.  
 43-14

10. FIELD AND POOL, OR WILDCAT  
 UNDESIGNATED

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
 Section 14-375-23E

12. COUNTY OR PARISH 13. STATE  
 San Juan Utah

*NE/SE*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	2050'	Cmt to sfc w/560 sxs Single stage. TOC @ 5300'. Cal log + excess. Class "B" + 3% Kcl + 1.7% gas check.
7-7/8"	5-1/2"	15.5#	6130'	

**CONFIDENTIAL INFORMATION**

Oil and Gas Order #1  
Attachments:  
Eight Point Drilling Program  
Thirteen Point Surface Use Plan  
Exhibit "1", "9a" and "9b"

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DIVISION OF  
OIL, GAS & MINING

1. 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 Steve Crutchfield (for DRH) TITLE Regional Drilling Engineer DATE 10-15-87

(This space for Federal or State office use)

PERMIT NO. 43 037-31364 APPROVAL DATE 11-12-87

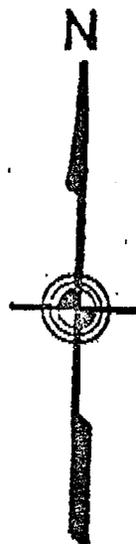
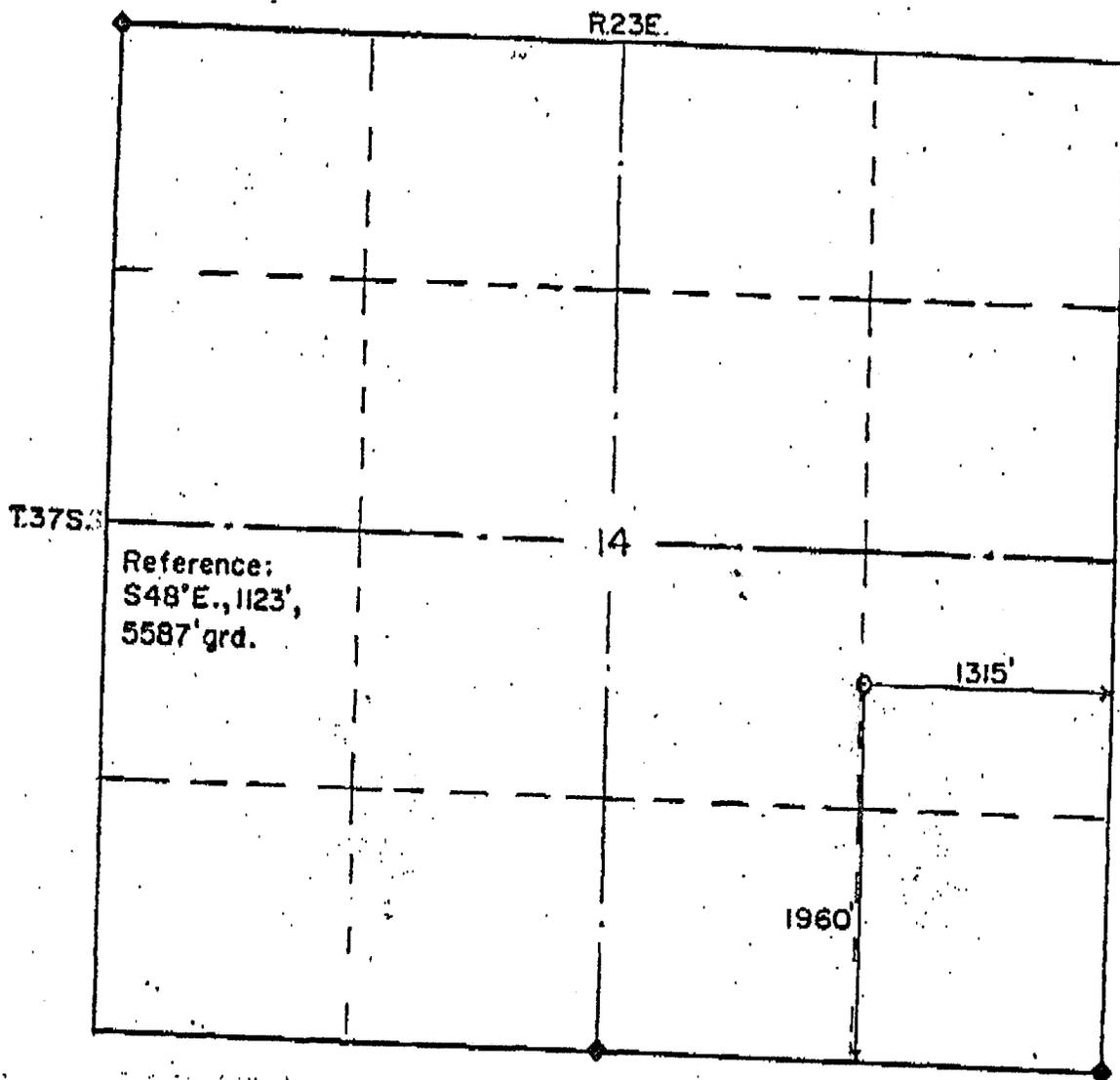
APPROVED BY [Signature] TITLE Regional Drilling Engineer

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
 DATE 11-12-87  
 BY [Signature]  
 WELL SPACING: R415-3.3

\*See Instructions On Reverse Side

LOCATION AND ACREAGE DEDICATION PLAT



1"=1000'  
 ◆ Brass Cap

WELL LOCATION DESCRIPTION:  
 Meridian Oil Cherokee Federal #43-14  
 1960 FS & 1315 FE  
 Section 14, T.37 S., R.23 E., SLM  
 San Juan County, Utah  
 5541' ground elevation  
 Reference: S48° E., 1123', 5587' grd.

The above plat is true and correct to my know.

28 September 1987

REGISTERED LAND SURVEYOR  
 No. 5705  
 GERALD G. HULLERSON  
 Huddleston, LS  
 STATE OF UTAH

1613N

OIL AND GAS ORDER NO. 1

MERIDIAN OIL INC.

LEASE NAME: 43-14 Cherokee-Federal  
LEASE NO. U-40440  
LOCATION: NESE Section 14-37S-23E  
1960' FSL - 1315' FEL  
San Juan County, Utah  
Cherokee Field

A. EIGHT POINT DRILLING PROGRAM

1. & 2. Estimated Tops:

Morrison	Surface	
Entrada	756	
Navajo	961	fresh water
Chinle	1951	
Shinarump	2491	
Cutler	3051	
Hermosa	4701	
Upper Ismay	5642	oil
Top Porosity	5795	oil
A Shale	5865	
Lower Ismay	5885	
Desert Creek	5967	oil
Chimney Rock	6055	
Akah	6081	
TD	6130	

CONFIDENTIAL INFORMATION

3. Pressure Control Equipment:

- a. A 3000 psi WP wellhead will be installed on the surface casing. A 3000 psi WP Annular preventer and 3000 psi WP double gate preventer equipped with blind and pipe rams will be nipped up on wellhead.
- b. BOP systems will be consistent with API RP 53. Annular preventer will be tested to 1500 psi against casing. Pipe and blind rams, choke line and manifold will be tested to 1500 psi against casing. Casing will be tested to 1500 psi prior to drilling float shoe. 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.

4. Casing program:

Anticipated cement tops will be reported as to depth, not the expected number of sacks.

O&G Order No. 1  
 43-14 Cherokee-Federal  
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<u>Hole Size</u>	<u>Size</u>	<u>Depth</u>	<u>Casing</u>				<u>Cementing Program</u>
			<u>Weight</u>	<u>Grade</u>	<u>Thrd</u>	<u>Cond</u>	
11	8-5/8	2,050'	24#	K-55	ST&C	New	Cement to sfc w/560 sx. Single stage. TOC @ 5300'. Caliper log + 20% excess. "B" + 16% gel + 3% salt + .4% retarder & "B" + 3% Kcl + 1.7% gas check.
7-7/8	5-1/2	6,130'	15.5#	K-55	LT&C	New	

5. Proposed drilling mud program:

A water base mud system from surface to TD. Maximum anticipated mud weight is 9.3#/gallon.

A mud logging unit will be on location from 3500' to TD.

6. Testing program:

Upper Ismay - Probable  
 Desert Creek - Probable



Logging program:

GR/DLL/MSFL	Base surface casing to TD (GR to surface)
GR/CNL/FDC	Base surface casing to TD
GR/Sonic	Base surface casing to TD (GR to surface display)
VSP Survey	Minimum op charge.

Coring program:

None anticipated.

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. If requested, samples (cuttings, fluids, and/or gases) will be submitted to the District Manager.

7. Anticipated abnormal BHP or BHT:

No abnormal BHP or BHT are expected in this well.

Potentially hazardous conditions anticipated:

No H<sub>2</sub>S 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 Juan Resource Area at 801-587-2141, 48 hours before beginning any dirt work.

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 San Juan Area Manager, a minimum of 24 hours before spudding. A Sundry Notice (Form 3160-5) will be sent within 24 hours after spudding, reporting the spud date and time. The Sundry will be sent to the District Manager. If the spudding is on a weekend or holiday, the Sundry 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 sent to 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. All conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergencies, verbal approval can be given by the District Petroleum Engineer.

If the well is successfully completed for production, then 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.

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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.

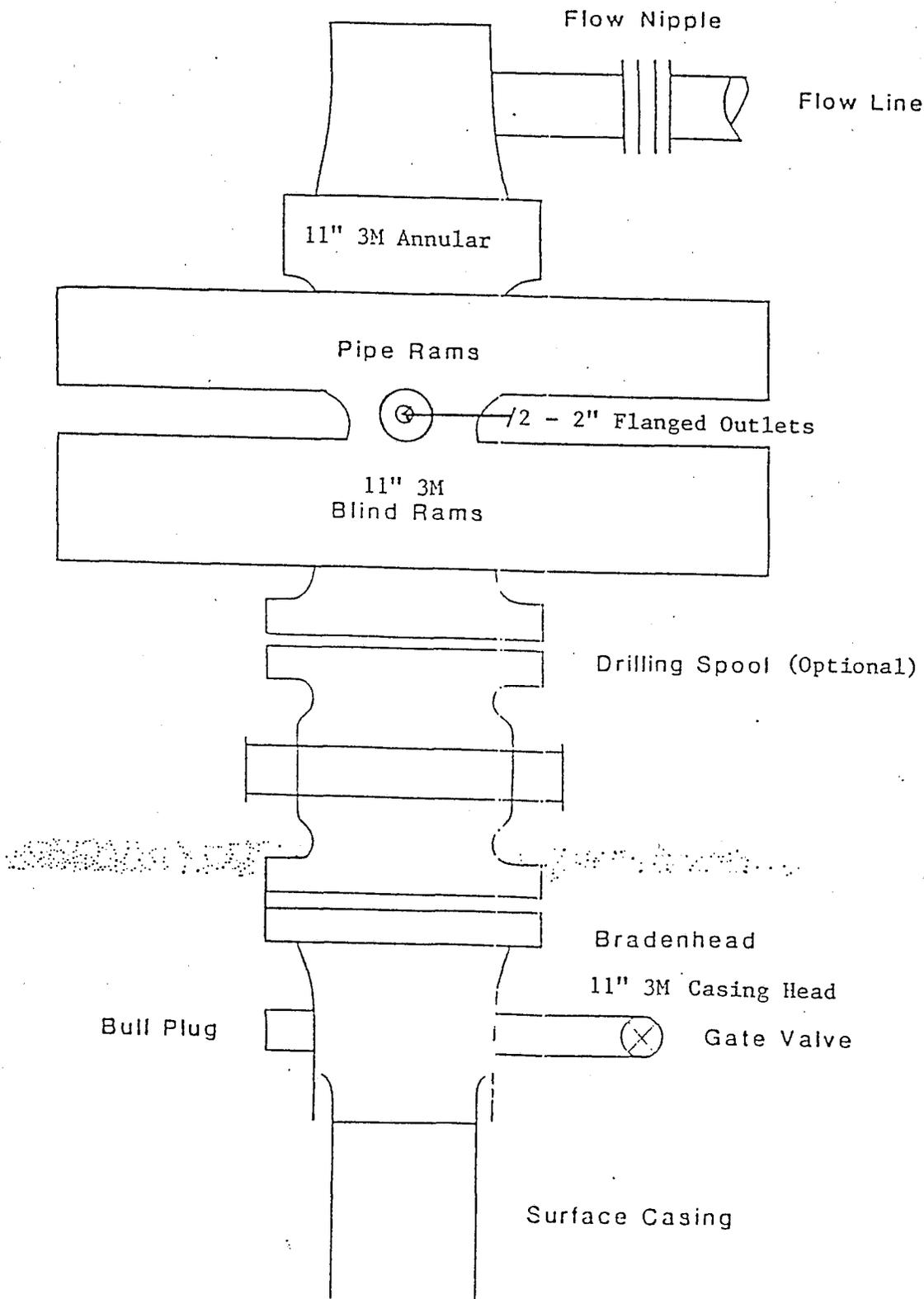
Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the San Juan Area Manager, or the appropriate surface manager.

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 following information will be permanently beaded-on with a welding torch: Fed, well number, location by 1/4 1/4 section, township and range, Lease number.

A first production conference will be scheduled within 15 days after receipt of the first production notice. The San Juan Area Manager will schedule the conference.

TYPICAL B.O.P. INSTALLATION



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

When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line.

B. THIRTEEN POINT SURFACE USE PLAN

1. Existing Roads (Yellow)

- a. Location of proposed well in relation to town or other reference point:  
16 miles northwest of Hatch Trading Post.
- b. Proposed route to location. (See attached Exhibit "1").
- c. Existing and new access shall be maintained in good or better condition.
- d. An encroachment permit will be obtained from the San Juan County Road Department.

2. Planned Access Roads (Blue)

- a. The maximum total width will be 30 feet for 1/4 mile.
- b. Maximum grade is N/A.
- c. Turnouts will be constructed as needed.
- d. Road is centerline flagged.
- e. Road will be drained as needed.
- f. If access is utilized during wet winter weather, road surfacing may be required to prevent road maintenance problems.

If road construction cuts through natural topography which serves as a livestock barrier, a fence shall be constructed.

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

The access road will be water barred or brought to Class III Road Standards within 60 days of dismantling of the drill rig. If this time frame cannot be met, the San Juan Area Manager will be notified so that temporary drainage control can be installed along the access road.

The Class III Road Standards which ensure drainage control over the entire road through the use of natural, rolling topography; ditch turnouts; drainage dips; outsloping; crowning; low water crossing; and culverts will be determined at the appropriate field inspection.

3. Location of Existing Wells (1 mile radius)

a. Existing wells in the area are shown on attached Exhibit "1".

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

Production facilities will be included in the Cherokee Tank Battery located NENW Section 14-37S-23E for off-lease storage and measurement.

All permanent (on site for 6 months or longer) above ground facilities (including pump jacks) will be painted a flat, nonreflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5-State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The color will be Desert Tan with Brown trim.

All flowlines will be buried parallel of access road unless authorized otherwise by BLM.

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.

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

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

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs 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 San Juan 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 San Juan Area Manager. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply

All water needed for drilling purposes will be hauled by Hay Hot Oil Service, a commercial water hauler, from a private 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 3610.2-3.

7. Methods for Handling Waste Disposal

The reserve pit will not be lined with commercial bentonite sufficient to prevent seepage. At least half of the capacity will be in cut.

Three sides of the reserve pit will be fenced with four 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.

A trash pit will be constructed near the mud tanks and dug at least six feet into solid undisturbed material. It will be totally enclosed with a fine wire mesh before the rig moves in. The road and pad will be kept litter free.

A burning permit is required for burning trash between May 1 and October 31. This can be acquired by contacting the San Juan County Sheriff at (801) 587-2237.

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).

8. Ancillary Facilities

Camp facilities will not be required.

9. Well Site Layout

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

Cuts and fills are shown on attached Exhibit "9b".

The reserve pit will be located on east side of location.

The top 6 inches of soil material will be removed from the location. Trees and brush will stockpiled on the Northwest side of location. Topsoil along the access will be reserved in place.

Access to the well pad will be from the Northeast.

10. Reclamation:

- a. Immediately on completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash pit and will then be compacted and buried under a minimum of two feet of compacted soil.
- b. The operator/holder or his contractor will contact the San Juan Resource Area office in Monticello, Utah, (801) 587-2141, 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
- c. Before any dirt work to restore the location takes place, the reserve pit must be completely dry.
- d. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts.
- e. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be ripped 12 inches deep with the contour.

- f. Water bars will be built as follows to control erosion.

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

- g. Seed will be broadcast between October 1 and February 28 with the following prescription. A harrow or similar implement will be dragged over the area to assure seed cover.

<u>6</u>	lbs/acre crested wheatgrass ( <u>Agropyron desertorum</u> )
<u>2</u>	lbs/acre Western wheatgrass ( <u>Agropyron smithii</u> )
<u>2</u>	lbs/acre Fourwing saltbush ( <u>Atriplex canescens</u> )
<u>1</u>	lbs/acre Desert bitterbrush ( <u>Purshia glandulosa</u> )
<u>1/2</u>	lbs/acre Yellow sweetclover.

- h. After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access.

i. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.

11. Surface Ownership: Federal  
Mineral Ownership: Federal

12. Other Information

Mark Page of the State of Utah was contacted in regard to the diversion ditch around the location. A permit to alter the natural channel was not necessary. A verbal agreement was made between the BLM and Meridian Oil to make the diversion permanent in case of abandonment.

There will be no change from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be used. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"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.

If subsurface cultural materials are exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All people who are in the area will be informed by the operator/holder that they are subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will be done by a BLM approved archaeologist only if damage occurs.

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: Steve Jones  
Office Phone: 801-259-6111 Address: P. O. Box 970, Moab, UT 84532

Resource Area Manager's Address and contacts:  
Address: P. O. Box 7, Monticello, UT 84535

Your contact is: Richard McClure  
Office Phone: 801-587-2141

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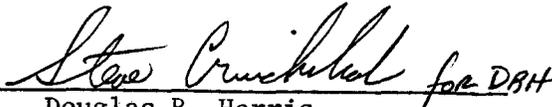
13. Lessee or Operator's Field Representative and Certification

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

1. Johnny L. Wright, Drilling Supt.	406-256-4175	406-252-2889
2. Steve Cruickshank, Drilling Eng.	406-256-4164	406-252-0701
3. Douglas R. Harris, Reg. Drilling Eng.	406-256-4025	406-652-2381
4. John Pulley, Completion Supt.	406-256-4124	406-259-6156

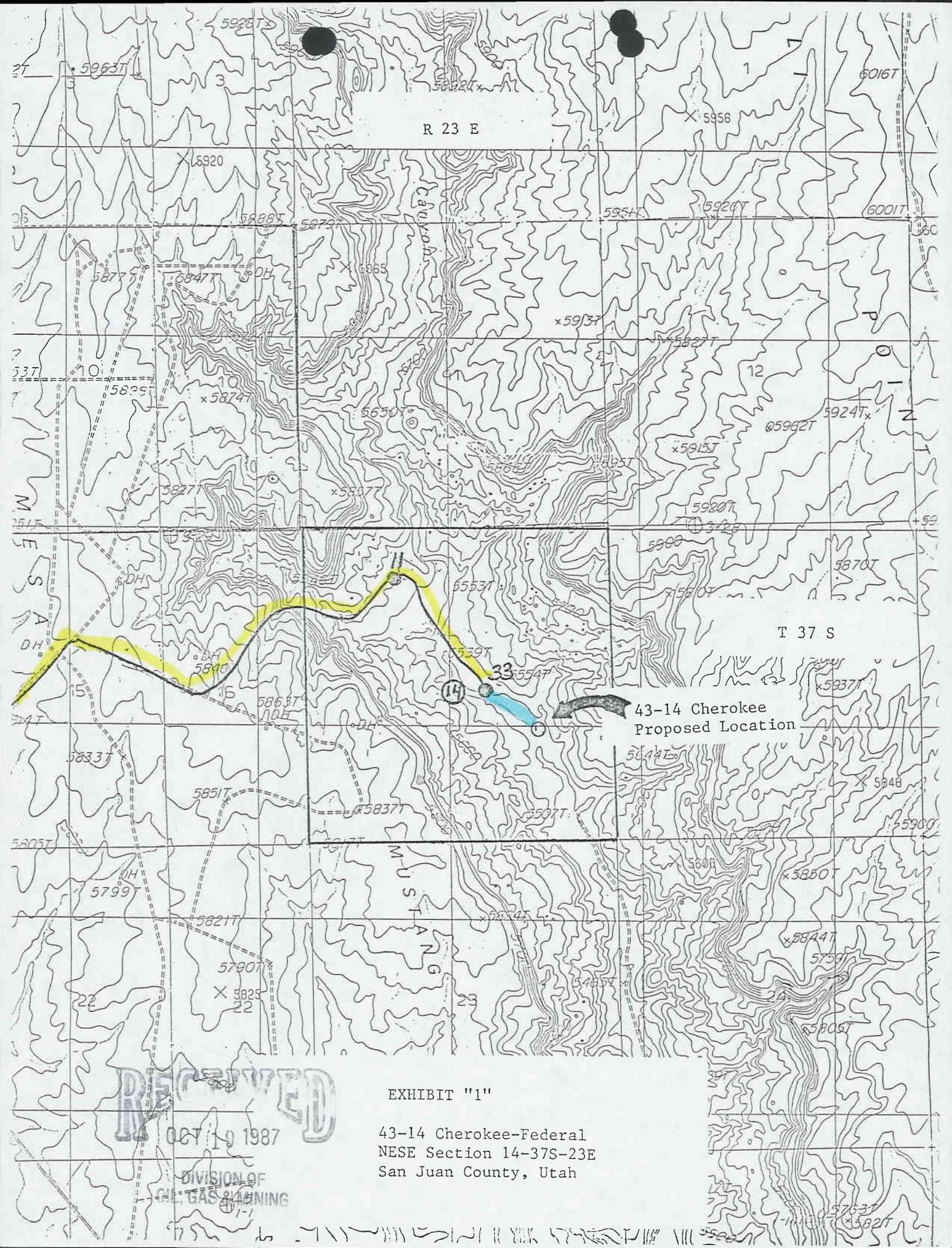
CERTIFICATION:

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.

  
Douglas R. Harris  
Regional Drilling Engineer

10-15-87  
Date

/ssn



R 23 E

T 37 S

43-14 Cherokee  
Proposed Location

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OCT 19 1987

DIVISION OF  
GAS PLANNING

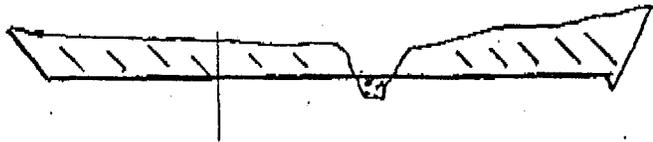
EXHIBIT "1"

43-14 Cherokee-Federal  
NESE Section 14-37S-23E  
San Juan County, Utah



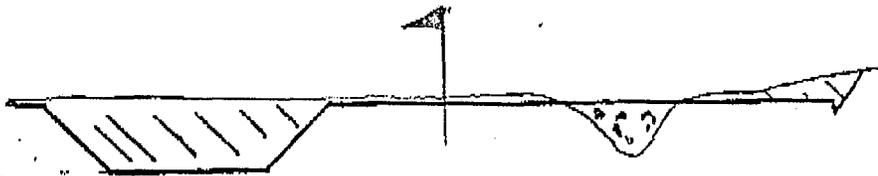
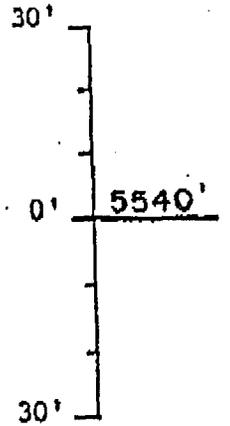
Cut   
Fill 

Scales: 1" = 60' H.  
1" = 30' V.



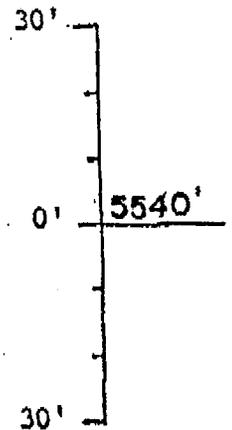
C/L

C/R

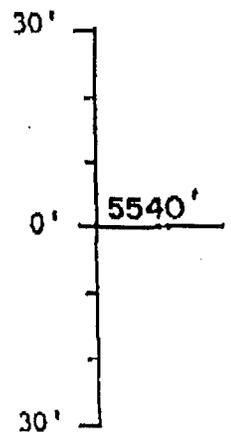


B/L

B/R



A/R



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DIVISION OF  
OIL, GAS & MINING

EXHIBIT "9b"  
Cross- Section

CONFIDENTIAL

111601

OPERATOR Meridian Oil, Inc. DATE 10-20-87

WELL NAME Cherokee Fed. 43-14

SEC NE SE 14 T 375 R 23E COUNTY San Juan

43-037-31364  
API NUMBER

Fed.  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Water - 09-1499 - A 62236

Need spec. for request - Rec. 11/2/87

CONFIDENTIAL PERIOD

EXPIRED

ON 8-3-3089

APPROVAL LETTER:

SPACING:

R615-2-3

UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	2050'	Cmt to sfc w/560 sxs
7-7/8"	5-1/2"	15.5#	6130'	Single stage. TOC @ 5300'. Cal log + excess. Class "B" + 3% Kcl + 1.7% gas check.

Oil and Gas Order #1  
 Attachments:  
 Eight Point Drilling Program  
 Thirteen Point Surface Use Plan  
 Exhibit "1", "9a" and "9b"



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 Steve Brinkman (for DRI) TITLE Regional Drilling Engineer DATE 10-15-87

-(This space for Federal or State office use)

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

APPROVED BY 1st A. Lynn Jackson TITLE Acting DISTRICT MANAGER DATE NOV 04 1987  
 CONDITIONS OF APPROVAL, IF ANY:

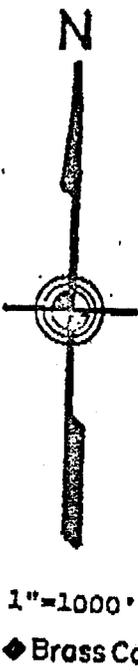
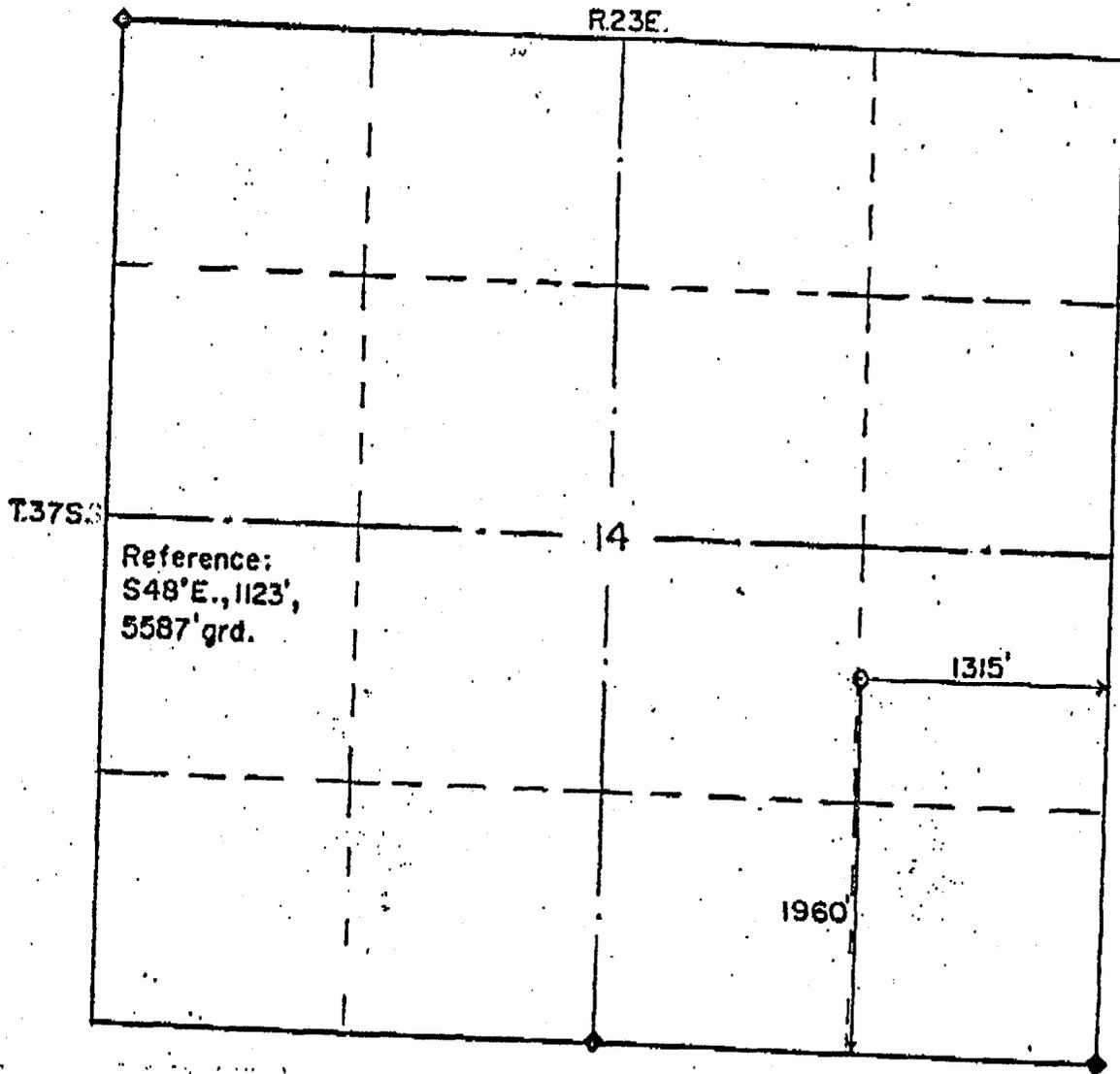
FLARING OR VENTING OF  
 GAS IS SUBJECT OF NTL 4-A  
 DATED 1/1/80

CONDITIONS OF APPROVAL ATTACHED

\*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.

LOCATION AND ACREAGE DEDICATION PLAT



WELL LOCATION DESCRIPTION:  
 Meridian Oil Cherokee Federal #43-14  
 1960 FS & 1315 FE  
 Section 14, T.37 S., R.23 E., SLM  
 San Juan County, Utah  
 5541' ground elevation  
 Reference: S48°E., 1123', 5587' grd.

The above plat is true and correct to my knowledge and belief.

28 September 1987

REGISTERED LAND SURVEYOR  
 No. 5705  
 GERALD G. HUDDLESON  
 Gerald G. Huddleson, LS  
 STATE OF UTAH

Meridian Oil Inc.  
Well No. Cherokee-Federal 43-14  
Sec. 14, T. 37 S., R. 23 E.  
San Juan County, Utah  
Lease U-40440

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.

NOTIFICATIONS

Notify the San Juan Resource Area, at (801) 587-2141 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:

Steven Jones, Petroleum Engineer                      Office Phone: (801) 259-6111

Home Phone: (801) 259-7404

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.

LAW OFFICES  
PRUITT, GUSHEE & FLETCHER

ROBERT G. PRUITT, JR.  
OLIVER W. GUSHEE, JR.  
F. ALAN FLETCHER  
ROBERT G. PRUITT, III  
THOMAS W. BACHTELL  
A. JOHN DAVIS, III  
FREDERICK M. MACDONALD

SUITE 1850 BENEFICIAL LIFE TOWER  
SALT LAKE CITY, UTAH 84111  
(801) 531-8446

TELECOPIER (801) 531-8468

OF COUNSEL  
JAMES F. SHEPHERD

November 9, 1987

Division of Oil, Gas and Mining  
Department of Natural Resources  
State of Utah  
355 West North Temple  
III Triad Center, Suite 350  
Salt Lake City, Utah 84108-1203

*Cherokee*  
Re: Request for Exception  
#43-14 ~~Nov 87~~ Federal  
Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$   
Sec. 14, T37S-R23E, SLM

Gentlemen:

Meridian Oil Inc. plans to commence a well at the following location:

1960' FNL, 1315' FEL, Section 14, T37S-R23E, SLM  
San Juan County, Utah

This well will be drilled to a depth sufficient to test the Desert Creek Formation. As indicated on the plat attached hereto as Exhibit "A", Meridian has established the Kiva Waterflood Unit for the Ismay Formation. Since the Ismay interval is unitized, an exception location is not required for the Ismay interval.

As to the Desert Creek Formation, however, this location requires approval of an exception location under Rule 615-3-3 of the Oil and Gas Conservation General Rules revised July, 1987. Under the Rules, this exception may be granted administratively. Please note that Meridian owns 100% leasehold working interest in the proposed drillsite and within a 460' radius thereof. Therefore, a notice to other parties is not required.

The reason for the requested exception location is geological. As shown on Exhibit "A" to the attached affidavit, it is not possible to drill the optimum location on the geological feature by drilling a legal location. Therefore, Meridian Oil proposes to move the surface location as close as possible to the geological structure in order to derive the optimum bottom hole location.

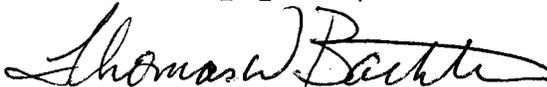
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/12/87  
BY: [Signature]

Division of Oil, Gas and Mining  
Department of Natural Resources  
November 9, 1987  
Page 2

Exhibit "A" to the attached affidavit also depicts the boundaries of the Kiva Field Ismay Unit and leasehold information. This information is proprietary and very sensitive and therefore, it is requested that the State maintain this plat in a confidential file.

Thank you for your consideration in this matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Thomas W. Bachtell". The signature is written in dark ink and is positioned above the printed name.

Thomas W. Bachtell

TWB/tem  
Enclosures

AFFIDAVIT

STATE OF COLORADO )  
 ) ss.  
COUNTY OF ARAPAHOE )

TO WIT:

Now, this 30th day of October, 1987, comes the affiant herein, WILLIAM C. MITCHELL, being of lawful age and the first duly sworn, and does not depose and say:

2. THAT he is employed as a Landman with Meridian Oil Inc., and in said capacity is acquainted with the facts and allegations herein, and

THAT the plat attached hereto and made a part hereof as "Exhibit A" is accurate to scale and reflects pertinent data required pursuant to Oil & Gas Conservation Rule No. 302.1,

THAT Meridian Oil Inc. has secured the consent of Cities Service Oil and Gas Corporation to drill the 43-14 Cherokee Federal Well at a location being 1960' FSL and 1315' FEL of Section 14, T37S-R23E, San Juan County, Utah.

THAT no other parties are required to be notified in accordance with Rule Number 302.1(a)(2) of the General Conservation Rules of the Utah Board of Oil, Gas and Mining.

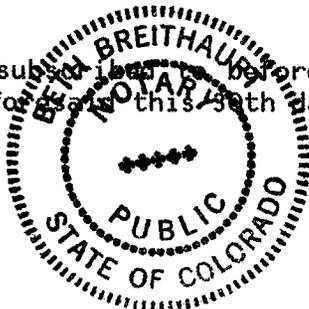
Further affiant sayeth not.

William C. Mitchell  
William C. Mitchell

\* \* \* \* \*

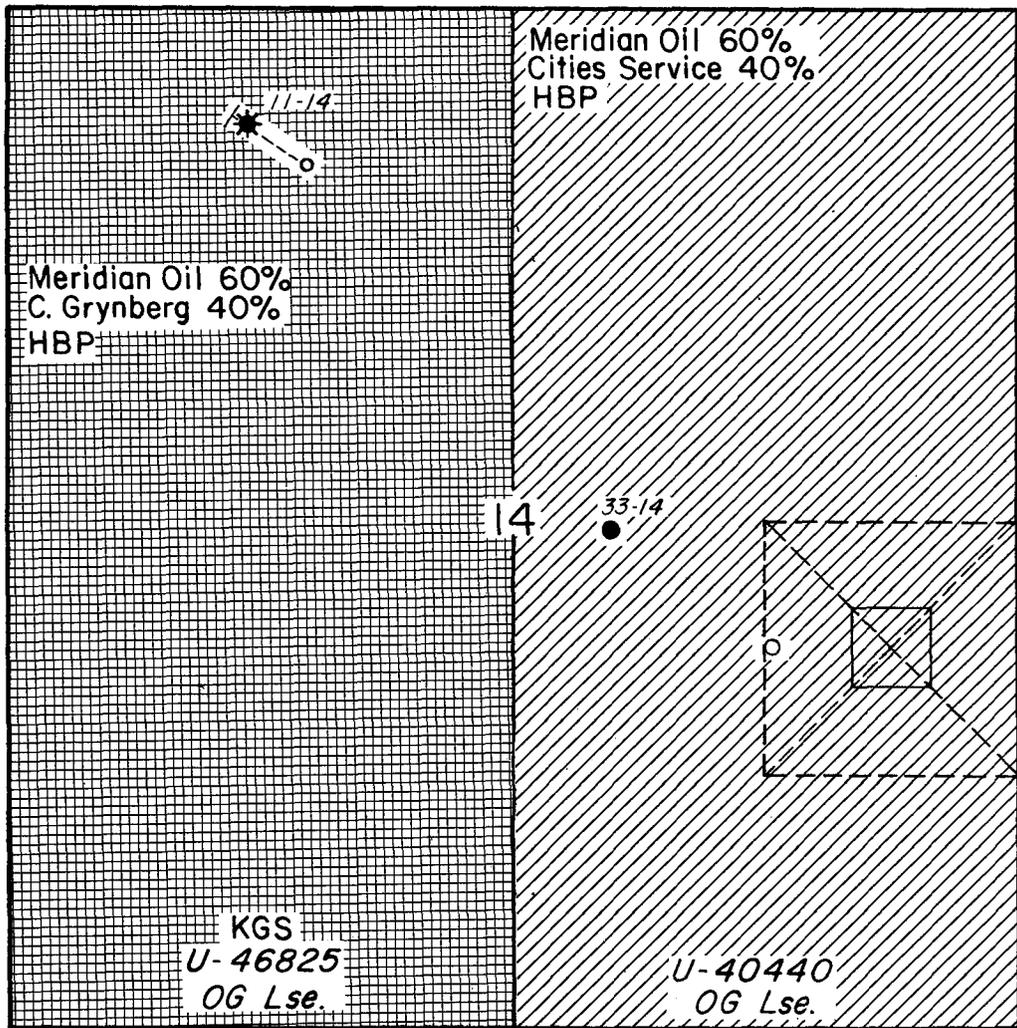
Taken, sworn and subscribed before me, a Notary Public in and for the County and State aforesaid, on this 30th day of October, 1987.

My commission expires:  
9/9/88



Ben Breithaupt  
Notary Public

# EXHIBIT "A"



R 23 E

## LEGEND

 Meridian Oil/Cities Service lease

 Meridian Oil/C. Grynberg lease

 Proposed location: 43-14 Cherokee Federal, 1960 FSL, 1315' FEL, sec. 14, T37N-R23E.

 400 ft. "WINDOW" (center of the nose, sec. 14, T37N-R23E) Pursuant to order #302.

# MERIDIAN OIL

Bill Mitchell

LANDMAN

T.S. Fiore

DRAFTER/GEOTECH

12 March 1987

DATE

Denver

OFFICE LOC.

REVISED DATE

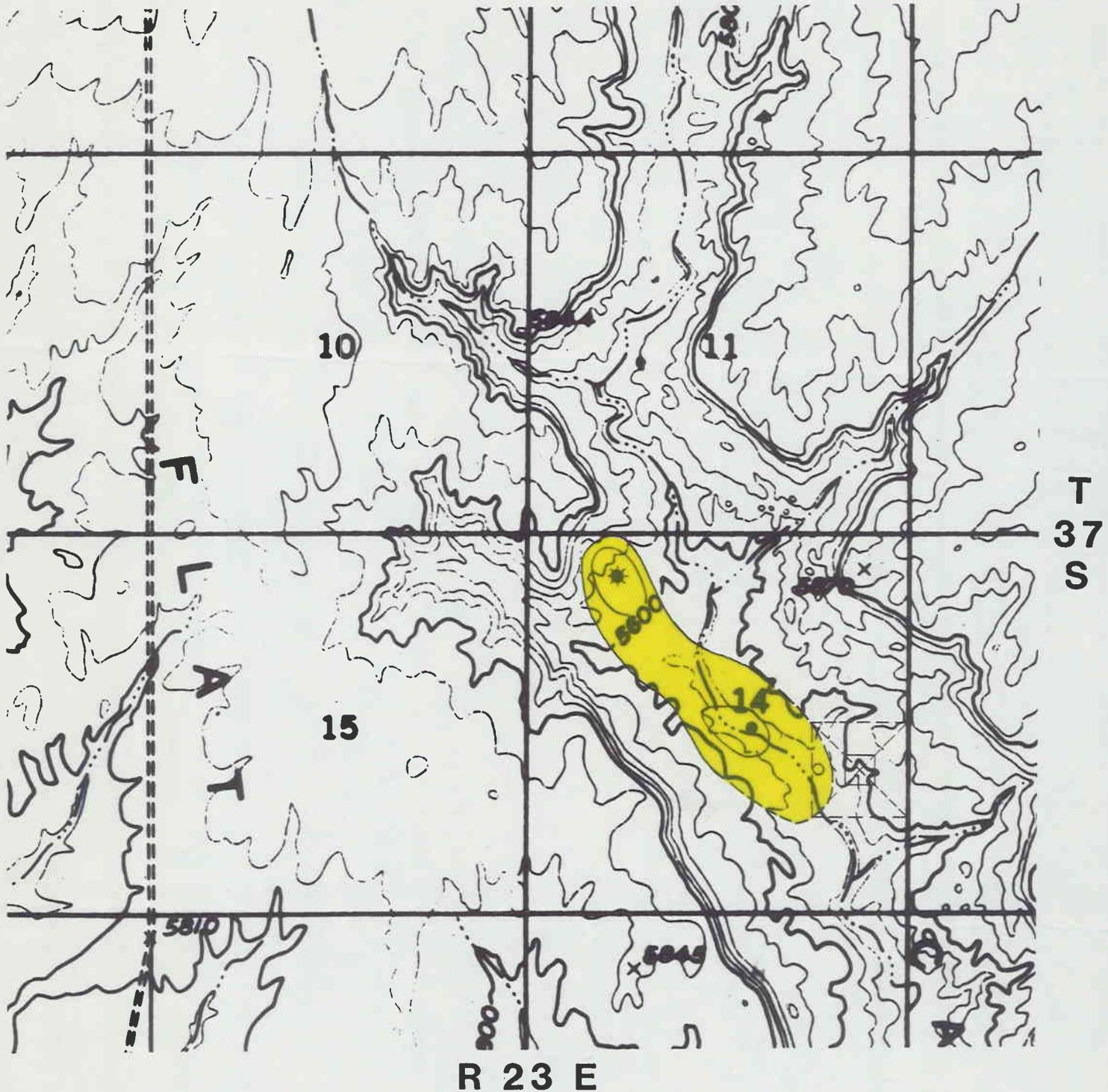
MAP NUMBER

## CHEROKEE PROSPECT San Juan County, Utah

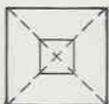
Scale: 1" = 1000 Feet

C.I.

# EXHIBIT "B"



- ★ Producing Gas Well #11-4 Cherokee Fed.  
600' FNL, 1250' FWL
- Producing Oil Well #33-14 Cherokee Fed.  
2590' FSL, 2140' FEL
- Proposed Location #43-14 Cherokee Fed.  
1960' FSL, 1315' FEL



400 ft. "WINDOW" (center of the nose,  
sec. 14, T37N-R23E ) Pursuant to  
order #302.

**MERIDIAN OIL**

**CHEROKEE PROSPECT**

T 37 S, R 23 E

**SAN JUAN COUNTY, UTAH**

Scale: 1"=2000'



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 12, 1987

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

Gentlemen:

Re: Cherokee Federal 43-14 - NE SE Sec. 14, T. 37S, R. 23E  
1960' FSL, 1315' FEL - San Juan County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2  
Meridian Oil Inc.  
Cherokee Federal 43-14  
November 12, 1987

6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
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 43-037-31364.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

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

111715

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-037-31364

NAME OF COMPANY: MERIDIAN OIL COMPANY

WELL NAME: CHEROKEE FEDERAL 43-14

SECTION NE SE 14 TOWNSHIP 37S RANGE 23E COUNTY SAN JUAN

DRILLING CONTRACTOR EXETER

RIG # ?

SPUDED: DATE 11-15-87

TIME 8:00 AM

How Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY \_\_\_\_\_

TELEPHONE # \_\_\_\_\_

DATE 11-16-87 SIGNED JRB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO.  
U-40440 **112410**

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Cherokee-Federal

9. WELL NO.  
43-14

10. FIELD AND POOL, OR WILDCAT  
Cherokee

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 14-37S-23E

12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL  GAS WELL  OTHER

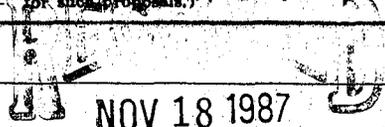
2. NAME OF OPERATOR  
MERIDIAN OIL INC.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
NESE (1960' FSL - 1315' FEL)

14. PERMIT NO.  
43-037-31364

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5540' GL - 5549' KB



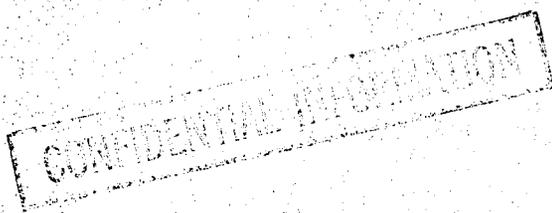
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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

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

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

Exeter, rig #68, spudded well @ 8:00 AM 11-15-87.



I hereby certify that the foregoing is true and correct

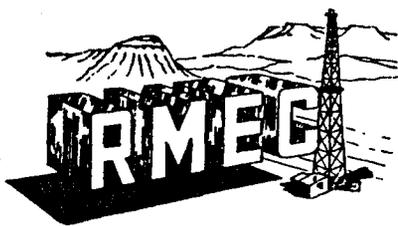
SIGNED: [Signature] TITLE Sr. Operations Technician DATE 11/16/87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



# ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING — CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

COMPANY Meridian Oil Inc.

WELL NO. 43-14 CHEROKEE FEDERAL

LOCATION Section 14, T37S, R23E San Juan County, Utah

ZONE OF INTEREST NO. 1

INTERVAL: From 5767 To 5781

DRILL RATE: Abv 2½ Thru 1 - 1½ Below 2-2½

### MUD GAS-CHROMATOGRAPH DATA

	TOTAL	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	OTHER
Before	70	3300	1360	800	350		
During	280	55000	11900	3600	1050		
After	90	9075	2040	1150	400		

Type gas increase: Gradual  Sharp

Gas variation within zone: Steady  Erratic  Increasing  Decreasing

CARBIDE HOLE RATIO: GRAMS READING X Min. in Peak = \_\_\_\_\_ Sensitivity: Poor  Fair  Good

FLUO: Mineral  Even  Spotty  CUT: None  Streaming  
 None  % in total sample 50% Poor  Slow   
 Poor  Fair  Fair  Mod   
 Fair  % in show lithology 100% Good  Fast   
 Good  COLOR: \_\_\_\_\_ COLOR: Fnt reisd ring cut

STAIN: None  Poor  Fair  Good  Live  Dead  Residue  Even  Spotty  Lt.  Dk.

POROSITY: Poor  Fair  Good  Kind Intxl-pp Vug

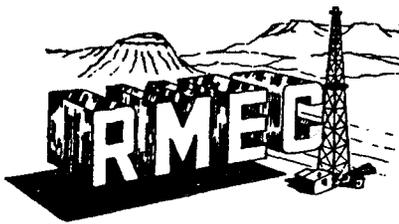
LITHOLOGY Dol-1tbrn occ ltgy, crpxl-vfxl, lmy, occ vanhy, sl fos, occtt

SAMPLE QUALITY Good

NOTIFIED Art Moore @ 8:10 A.M. HRS. DATE: 11-26-87

REMARKS \_\_\_\_\_

ZONE DESCRIBED BY Dave Meade



# ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING — CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

COMPANY Meridian Oil Inc.

WELL NO. 43-14 CHEROKEE FEDERAL

LOCATION Section 14, T37S, R23E San Juan County, Utah

ZONE OF INTEREST NO. 2

INTERVAL: From 5792 To 5810

DRILL RATE: Abv 2½ Thru 1 Below 1½-2

### MUD GAS-CHROMATOGRAPH DATA

	TOTAL	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	OTHER
Before	80	7700	2040	400	350		
During	320	69750	5000	3800	2900		
After	200	27800	7200	1800	1050		

Type gas increase: Gradual  Sharp

Gas variation within zone: Steady  Erratic  Increasing  Decreasing

CARBIDE HOLE RATIO:  $\frac{\text{GRAMS}}{\text{READING}}$  X Min. in Peak = \_\_\_\_\_ Sensitivity: Poor  Fair  Good

FLUO: Mineral  Even  Spotty  CUT: None  Streaming  
 None  % in total sample 80% Poor  Slow   
 Poor  Fair  Fair  Mod   
 Fair  % in show lithology 90% Good  Fast   
 Good  COLOR: Dull-Bri y-gold COLOR: mlky y-wh

STAIN: None  Poor  Fair  Good  Live  Dead  Residue  Even  Spotty  Lt.  Dk.

POROSITY: Poor  Fair  Good  Kind Intxl-tr pp Vug

LITHOLOGY LS ltbrn-bf micsl-suc, s1Dol, anhy-tranhy incl

SAMPLE QUALITY Good

NOTIFIED Art Moore @ 8:10 A.M. HRS. DATE: 11/26/87

REMARKS \_\_\_\_\_

ZONE DESCRIBED BY Dave Meade



# ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING — CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

COMPANY Meridian Oil Inc.

WELL NO. 43-14 CHEROKEE FEDERAL

LOCATION Section 14, T37S, R23E San Juan County, Utah

ZONE OF INTEREST NO. 3

INTERVAL: From 5814 To 5819

DRILL RATE: Abv 2 Thru 1 Below 1½

### MUD GAS-CHROMATOGRAPH DATA

	TOTAL	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	OTHER
Before	200	35,700	10,200	6,000	1050		
During	1080	88,000	37,400	22,000	5250		
After	135	44,000	13,600	4,000	2700		

Type gas increase: Gradual  Sharp

Gas variation within zone: Steady  Erratic  Increasing  Decreasing

CARBIDE HOLE RATIO:  $\frac{\text{GRAMS}}{\text{READING}}$  X Min. in Peak = \_\_\_\_\_ Sensitivity: Poor  Fair  Good

FLUO: Mineral  Even  Spotty  CUT: None  Streaming  
 None  % in total sample 60% Poor  Slow   
 Poor  Fair  Fair  Mod   
 Fair  % in show lithology 50% Good  Fast   
 Good  COLOR: Bri y-gold COLOR: milky y-wh

STAIN: None  Poor  Fair  Good  Live  Dead  Residue  Even  Spotty  Lt.  Dk.

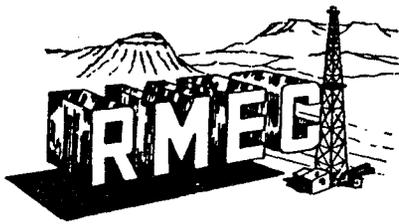
POROSITY: Poor  Fair  Good  Kind Intxl- PP Vug

LITHOLOGY LS ltbrn-ltgy-brn, crpxl-vfxl, Dol, slanhy, g intxl Ø, fr Vug Ø Dol-brn  
micxl-vxl, slrthy, lmy, anhy incl, g intxl-VugØ SAMPLE QUALITY Good

NOTIFIED Art Moore @ 8:10 A.M. HRS. DATE: 11/26/87

REMARKS \_\_\_\_\_

ZONE DESCRIBED BY Dave Meade



# ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING — CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

COMPANY Meridian Oil Inc.

WELL NO. 43-14 CHEROKEE FEDERAL

LOCATION Section 14, T37S, R23E San Juan County, Utah

ZONE OF INTEREST NO. 4

INTERVAL: From 5830 To 5843

DRILL RATE: Abv 1½ Thru 1¼ Below 2¼

### MUD GAS-CHROMATOGRAPH DATA

	TOTAL	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	OTHER
Before	150	46,750	7,500	4,000	2,500		
During	240	51,700	10,500	5,700	3,000		
After	130	18,700	6,800	2,400	2,100		

Type gas increase: Gradual  Sharp

Gas variation within zone: Steady  Erratic  Increasing  Decreasing

CARBIDE HOLE RATIO: GRAMS READING X Min. in Peak = \_\_\_\_\_ Sensitivity: Poor  Fair  Good

FLUO: Mineral  Even  Spotty   
 None  % in total sample 80%  
 Poor   
 Fair  % in show lithology 100%  
 Good  COLOR: Bri y-gold

CUT: None  Streaming  
 Poor  Slow   
 Fair  Mod   
 Good  Fast   
 COLOR: mlky y-wh

STAIN: None  Poor  Fair  Good  Live  Dead  Residue  Even  Spotty  Lt.  Dk.

POROSITY: Poor  Fair  Good  Kind Intxl-vug

LITHOLOGY Dol-brn mic-vfxl v rthy lmy

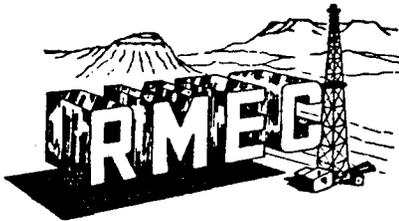
LS ltgy-ltbrn crp-vfxl Dol SAMPLE QUALITY Good

NOTIFIED Art Moore @ 8:10 A.M. HRS. DATE: 11/26/87

REMARKS \_\_\_\_\_

ZONE DESCRIBED BY Dave Meade





# ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81505

December 2, 1987

Mr. Art Moore  
Meridian Oil Inc.  
5613 DTC Parkway  
Englewood, CO 80111

Dear Art,

Enclosed is the final log on your well "43-14 Cherokee Federal", located in Section 14, T37S, R23E of San Juan County, Utah.

We appreciated the opportunity to serve you. If we can be of any further assistance please feel free to call on us.

We are looking forward to working with you again in the near future.

Sincerely,

  
Andy Kelley  
President

AK/sm

Encls. 4 Final Logs  
XXC: 2 Final Logs Meridian Oil Inc., Billings, MT  
2 Final Logs Cities Services Oil & Gas, Midland, TX

**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 surface. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input checked="" type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR MERIDIAN OIL INC.</p> <p>3. ADDRESS OF OPERATOR P.O. Box 1855, Billings, MT 59103</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NESE (1960' FSL - 1315' FEL)</p> <p>14. PERMIT NO. 43-037-31364</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-40440 <i>Jr.</i></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME N/A</p> <p>8. FARM OR LEASE NAME Cherokee-Federal</p> <p>9. WELL NO. 43-14</p> <p>10. FIELD AND POOL, OR WILDCAT Cherokee</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 14-37S-23E</p> <p>12. COUNTY OR PARISH San Juan</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5549' KB</p>		

RECEIVED

JAN 08 1988

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 <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) _____	

(Other) Flare gas

(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 requests approval to flare gas in excess of 100 MCFPD for a period not to exceed 60 days or 100 MMCF cumulative production. Date of first sales from the subject well was December 30, 1987. The flaring extension is required to accurately define the producing characteristics of the Cherokee Field. An extended length pressure build-up test is planned subsequent to all production testing to determine the critical reservoir characteristics in this portion of the Cherokee Field. Results of the 72 hr flow test are as follows:

72 hr flow test: 525 BO, 661 MCF, 0 BW, 20/64" choke  
Avg: 175 BOPD, 220 MCFD, 0 BWPD, GOR: 1277 FTP 170' psi

I hereby certify that the foregoing is true and correct

SIGNED *W.A. Brown* TITLE Production Superintendent DATE 1-5-88

(This space for Federal or State office use)

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

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

DATE: 1-28-88  
BY: *John P. Days*

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

Dr.  
020411

43-037-31364

January 28, 1988

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

Gentlemen:

Re: Request to Flare or Vent Associated Gas for Cherokee-Federal Well No. 43-14

The Division of Oil, Gas and Mining grants approval of your sundry notice dated January 5, 1988, to flare associated gas from the referenced well located in Section 14, Township 37 South, Range 23 East, San Juan County, Utah. The approval is limited to the conditions stated in the notice; specifically, that the associated gas may be flared in excess of that allowed by Rule 311.3 of the Oil and Gas Conservation General Rules for a period not to exceed 60 days from January 28, 1988. Additionally, the total volume of gas to be flared may not exceed 100 MMcf.

Please note that this approval represents a variance to Rule 311.3. The Division has informed the Board of Oil, Gas and Mining of the request for gas flaring during the informal briefing session of their scheduled meeting on January 28, 1988, and the Board concurred with the approval. No Board action is required at this time; however, any additional request for flaring beyond that stated in your sundry notice will require the approval of the Board through a proper petition and hearing.

It is also necessary to comply with federal regulations and the federal lease requirements concerning oil and gas operations. Therefore, you are advised to contact the appropriate federal agency and ensure that they do not object to the proposed gas flaring.

Page 2  
Meridian Oil Inc.  
January 28, 1988

Please contact this office again if you have any further questions.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson". The signature is written in dark ink and is positioned above the typed name and title.

Dianne R. Nielson  
Director

JRB

cc: R. J. Firth

✓ Well file

0384T-75-76

# BAKER SERVICE TOOLS

1616 Glenarm — Suite 1350  
Denver, CO 80202

Phone (303) 573-8027

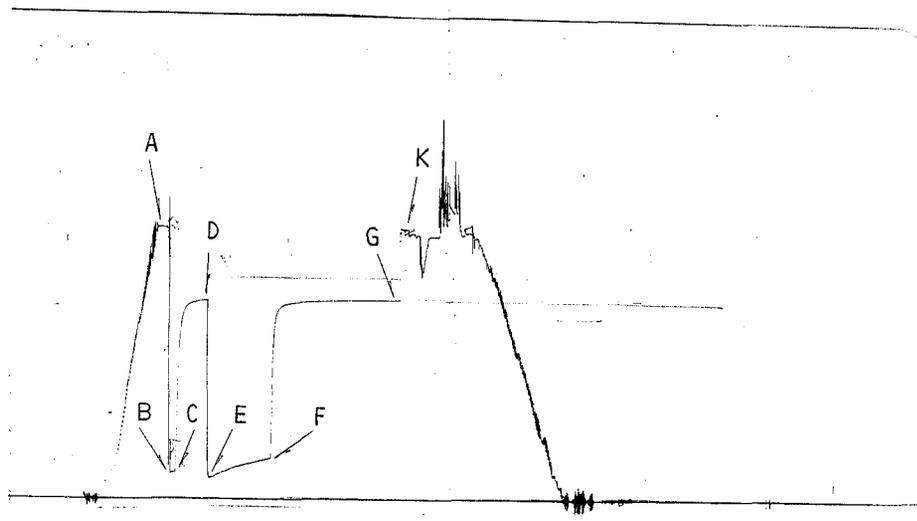
Contractor <b>Exeter Drilling</b>	Surface Choke <b>1/4"</b>	Mud Type <b>--</b>
Rig No. <b>68</b>	Bottom Choke <b>3/4"</b>	Weight <b>9.2</b>
Spot <b>--</b>	Hole Size <b>7 7/8"</b>	Viscosity <b>33</b>
Sec. <b>68</b>	Core Hole Size <b>--</b>	Water Loss <b>--</b>
Twp. <b>14</b>	DP Size & Wt. <b>4 1/2" 16.60</b>	Filter Cake <b>--</b>
Rng. <b>37 S</b>	Wt. Pipe <b>None</b>	Resistivity <b>.5 @ 50 °F</b>
Field <b>23 E</b>	I.D. of DC <b>2 3/8"</b>	<b>16,881</b> Ppm. NaCl
County <b>San Juan</b>	Length of DC <b>654'</b>	B.H.T. <b>Broken Thermometer °F</b>
State <b>Utah</b>	Total Depth <b>5858'</b>	Co. Rep. <b>Keith Muirhead</b>
Elevation <b>5540' KB</b>	Type Test <b>Conventional</b>	Tester <b>Hector DeLeon</b>
Formation <b>Ismay</b>	Interval <b>5759' - 5858'</b>	Baker Dist. <b>Farmington NM</b>

Operator  
 Ticket No. 2761  
 Date 11/26/87  
**MERIDIAN OIL, INC.**  
**"TIGHT HOLE"**  
 Well Name & No. **CHEROKEE FEDERAL #43-14**  
 Location **S-14 T-37S R-23E**  
 County, State **SAN JUAN COUNTY, UT**  
 DST No. **1**  
 Interval **5759' - 5858'**  
 Formation **ISMAY**

	REPORTED	CORRECTED
Opened Tool @	<b>17:20</b>	hrs.
Flow No. 1	<b>15</b>	<b>12</b> min.
Shut-In No. 1	<b>60</b>	<b>60</b> min.
Flow No. 2	<b>120</b>	<b>117</b> min.
Shut-In No. 2	<b>240</b>	<b>243</b> min.
Flow No. 3	<b>None Taken</b>	min.
Shut-In No. 3	<b>"</b>	<b>"</b> min.

Recorder Type <b>Kuster K-3</b>
No. <b>7661</b> Cap. <b>4900</b> psi
Depth <b>5844</b> feet
Inside <input checked="" type="checkbox"/> Clock
Outside Range <b>24</b> hrs.

Initial Hydrostatic	A	<b>2849.1</b>
Final Hydrostatic	K	<b>2834.3</b>
Initial Flow	B	<b>275.3</b>
Final Initial Flow	C	<b>285.2</b>
Initial Shut-In	D	<b>2085.5</b>
Second Initial Flow	E	<b>222.8</b>
Second Final Flow	F	<b>433.1</b>
Second Shut-In	G	<b>2091.6</b>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-In	J	



Pipe Recovery: Reverse circulated:  
 654' Total fluid = 3.60 bbl., consisting of:  
 436' Highly gas cut mud = 2.40 bbl.  
 218' Highly gas cut, mud cut oil = 1.20 bbl.

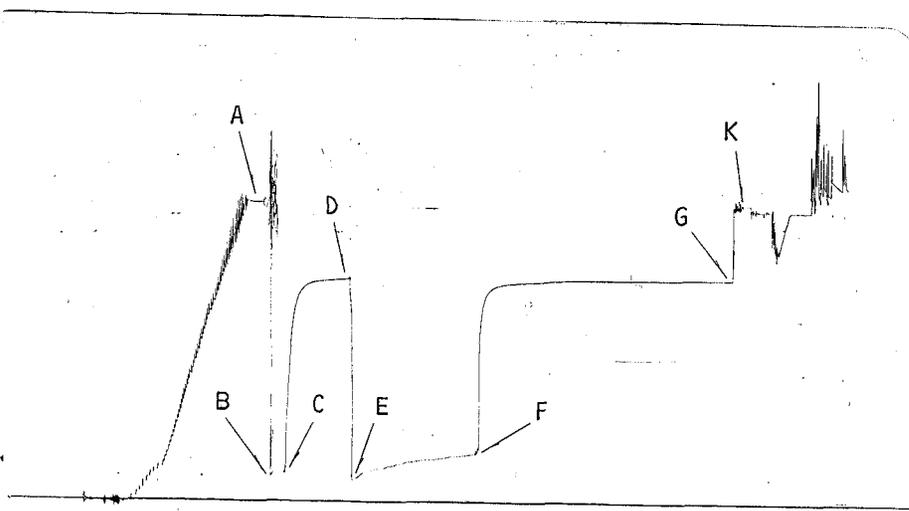
Resistivity:  
 Top: .80 @ 64°F = 8,038 ppm NaCl., 4,887 ppm Cl.  
 Middle: .84 @ 64°F = 7,631 ppm NaCl., 4,639 ppm Cl.  
 Bottom: 1.1 @ 64°F = 5,729 ppm NaCl., 3,483 ppm Cl.

# BAKER SERVICE TOOLS

Meridian Oil, Inc.  
Operator

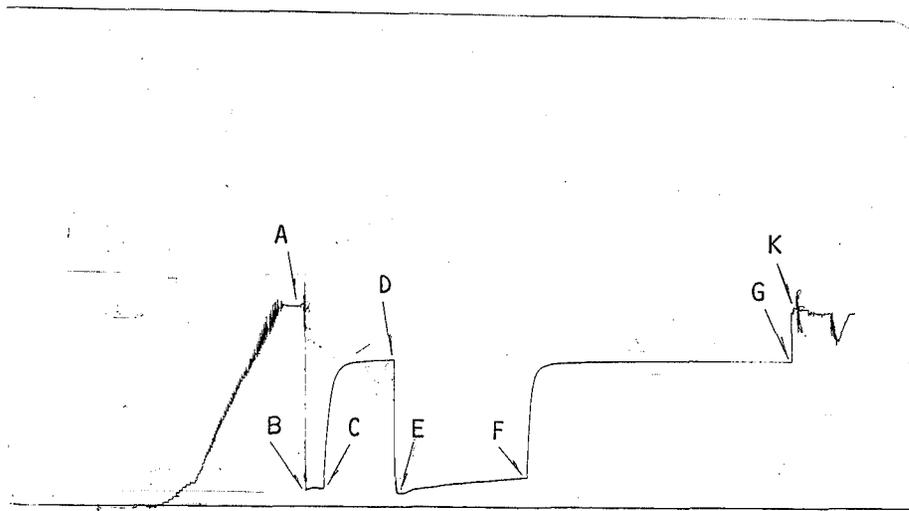
Cherokee Federal #43-14  
Well Name and No.

1  
DST No.



Recorder Type Kuster K-3  
No. 24645 Cap. 4450 psi  
Depth 5809 feet  
Inside X Clock  
Outside Range 12 hrs.

Initial Hydrostatic	A	<u>2865.8</u>
Final Hydrostatic	K	<u>2832.5</u>
Initial Flow	B	<u>244.6</u>
Final Initial Flow	C	<u>276.2</u>
Initial Shut-In	D	<u>2118.2</u>
Second Initial Flow	E	<u>212.2</u>
Second Final Flow	F	<u>514.9</u>
Second Shut-In	G	<u>2128.9</u>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-In	J	



Recorder Type Kuster K-3  
No. 24519 Cap. 6650 psi  
Depth 5858 feet  
Inside Clock  
Outside X Range 12 hrs.

Initial Hydrostatic	A	<u>2882.4</u>
Final Hydrostatic	K	<u>2856.4</u>
Initial Flow	B	<u>260.3</u>
Final Initial Flow	C	<u>281.9</u>
Initial Shut-In	D	<u>2103.2</u>
Second Initial Flow	E	<u>216.9</u>
Second Final Flow	F	<u>441.1</u>
Second Shut-In	G	<u>2095.7</u>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-In	J	



# BAKER

## SERVICE TOOLS

Meridian Oil, Inc.

Cherokee Federal #43-14

1

Operator

Well Name and No.

DST No.

TIME	CHOKE SIZE	SURFACE PRESSURE	FLOW RATE MCF/D	LIQUID	REMARKS
0	1/4"	1"			Opened tool for initial flow:
3		Bottom of Bucket			
10		10.0#			
15		26.0#			Closed tool for initial shut-in:
5		20.0#			
22		17.0#			Gas to surface:
32		14.0#			
37		9.0#			
52		1.0#			Opened to flare line:
0		Bottom of Bucket			Opened tool for final flow:
5		35.0#			
10		50.0#			
20	1"	55.0#			
30		60.0#			
40		85.0#			
50		90.0#			
60		100.0#			
75		100.0#			
90		100.0#			
105		100.0#			
120		100.0#			Closed tool for final shut-in:
15		70.0#			
30		30.0#			
45		10.0#			
60		2.5#			
75		0.0			

# BAKER

## SERVICE TOOLS

Meridian Oil, Inc.  
Operator

Cherokee Federal #43-14  
Well Name and No.

1  
DST No.

RECORDER NO. 7661 DEPTH 5844 FT.

### INITIAL FLOW

<u>DT(MIN)</u>	<u>PRESSURE(P SIG)</u>
0	275.3
5	278.7
10	281.0
12	285.2

RECORDER NO. 7661 DEPTH 5844 FT.

### FINAL FLOW

<u>DT(MIN)</u>	<u>PRESSURE(P SIG)</u>
0	222.8
10	237.8
20	270.8
30	290.4
40	313.1
50	338.3
60	352.4
70	368.9
80	379.9
90	395.5
100	409.6
110	421.8
117	433.1

# BAKER

## SERVICE TOOLS

Meridian Oil, Inc.  
Operator

Cherokee Federal #43-14  
Well Name and No.

1  
DST No.

RECORDER NO. 7661 DEPTH 5844 FT.

### INITIAL SHUT-IN

INITIAL FLOW TIME: T = 12 MIN.

<u>DT(MIN)</u>	<u>LOG((T+DT)/DT)</u>	<u>PRESSURE(P SIG)</u>	<u>DP(P SIG)</u>
0		285.2	0.0
1	1.114	648.9	363.6
2	.845	820.2	535.0
3	.699	974.0	688.7
4	.602	1143.9	858.7
5	.531	1278.6	993.4
6	.477	1402.5	1117.3
7	.434	1514.5	1229.3
8	.398	1604.7	1319.5
9	.368	1674.3	1389.0
10	.342	1744.9	1459.6
12	.301	1833.6	1548.3
14	.269	1898.8	1613.5
16	.243	1946.9	1661.7
18	.222	1977.8	1692.5
20	.204	1999.7	1714.5
22	.189	2021.0	1735.8
24	.176	2033.2	1747.9
26	.165	2040.9	1755.6
28	.155	2048.3	1763.1
30	.146	2053.6	1768.3
35	.128	2061.8	1776.5
40	.114	2070.4	1785.2
45	.103	2075.6	1790.3
50	.093	2080.1	1794.9
55	.086	2083.0	1797.8
60	.079	2085.5	1800.3

EXTRAPOLATED PRESSURE: 2125.9 PSI  
SLOPE: 496.6 PSI/LOG CYCLE  
POINTS USED: 8

# BAKER

## SERVICE TOOLS

Meridian Oil, Inc.  
Operator

Cherokee Federal #43-14  
Well Name and No.

1  
DST No.

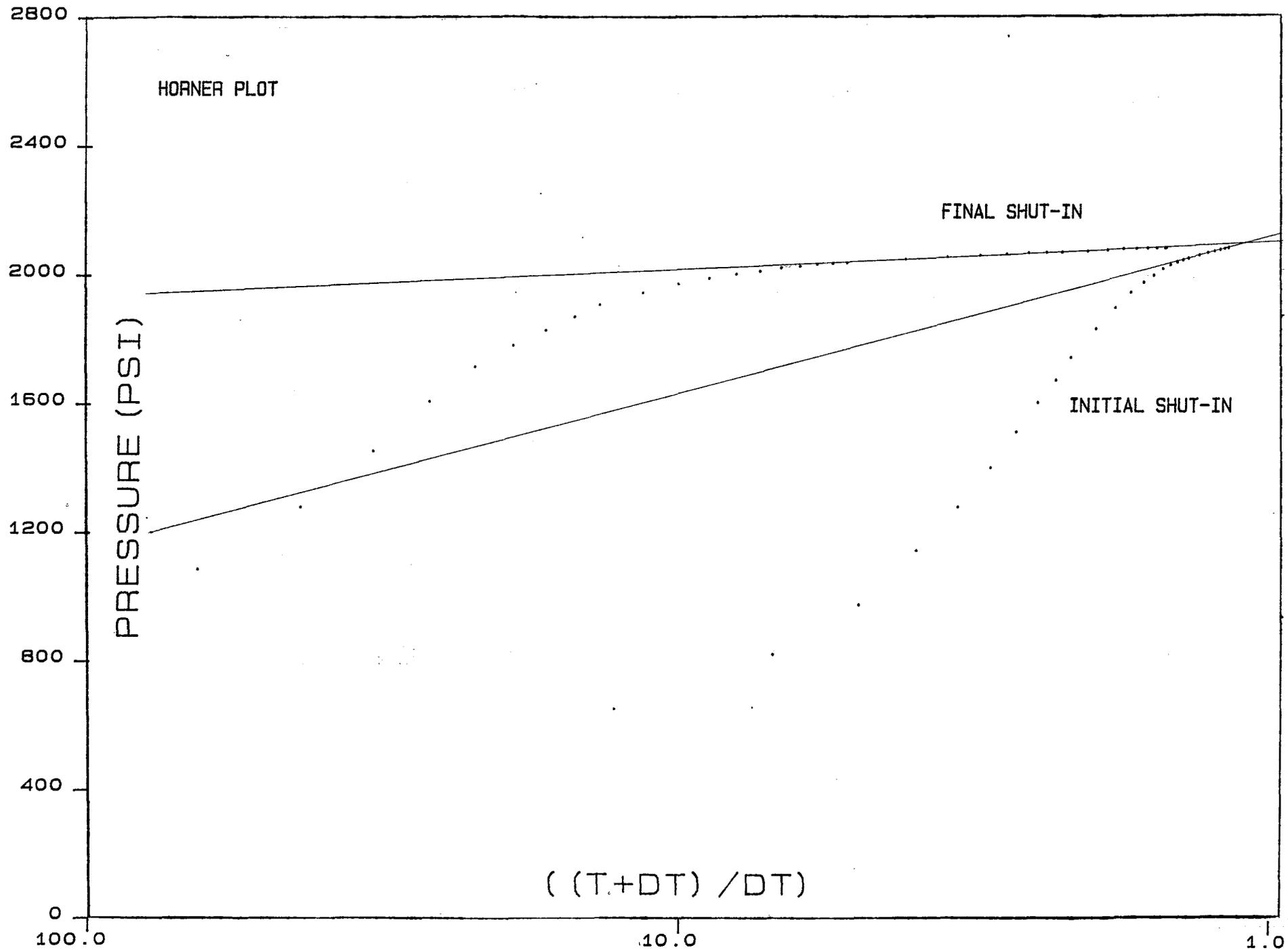
RECORDER NO. 7661 DEPTH 5844 FT.

### FINAL SHUT-IN

TOTAL FLOW TIME: T = 129 MIN.

<u>DT(MIN)</u>	<u>LOG((T+DT)/DT)</u>	<u>PRESSURE(P SIG)</u>	<u>DP(P SIG)</u>
0		433.1	0.0
1	2.114	803.8	370.8
2	1.816	1084.7	651.6
3	1.643	1279.1	846.0
4	1.522	1454.7	1021.6
5	1.428	1608.1	1175.0
6	1.352	1718.0	1285.0
7	1.288	1783.6	1350.5
8	1.234	1831.1	1398.0
9	1.186	1873.5	1440.5
10	1.143	1911.5	1478.4
12	1.070	1949.3	1516.2
14	1.009	1976.5	1543.4
16	.957	1994.5	1561.5
18	.912	2007.7	1574.7
20	.872	2017.0	1584.0
22	.837	2027.2	1594.1
24	.804	2032.4	1599.3
26	.775	2038.2	1605.2
28	.749	2041.2	1608.2
30	.724	2044.2	1611.2
40	.626	2055.4	1622.3
50	.554	2062.8	1629.8
60	.498	2067.4	1634.4
70	.454	2072.2	1639.2
80	.417	2074.8	1641.7
90	.386	2077.0	1643.9
100	.360	2077.1	1644.0
120	.317	2081.6	1648.6
140	.284	2085.3	1652.3
160	.257	2088.2	1655.2
180	.235	2089.1	1656.0
200	.216	2090.3	1657.3
220	.200	2090.6	1657.5
240	.187	2091.0	1658.0
243	.185	2091.6	1658.5

EXTRAPOLATED PRESSURE: 2110.0 PSI  
SLOPE: 89.2 PSI/LOG CYCLE  
POINTS USED: 18



1000.0

LOG/LOG PLOT

DELTA (T) (MIN)

DELTA (P) (PSI)

FINAL SHUT-IN

INITIAL SHUT-IN

100.0

10.0

1.0

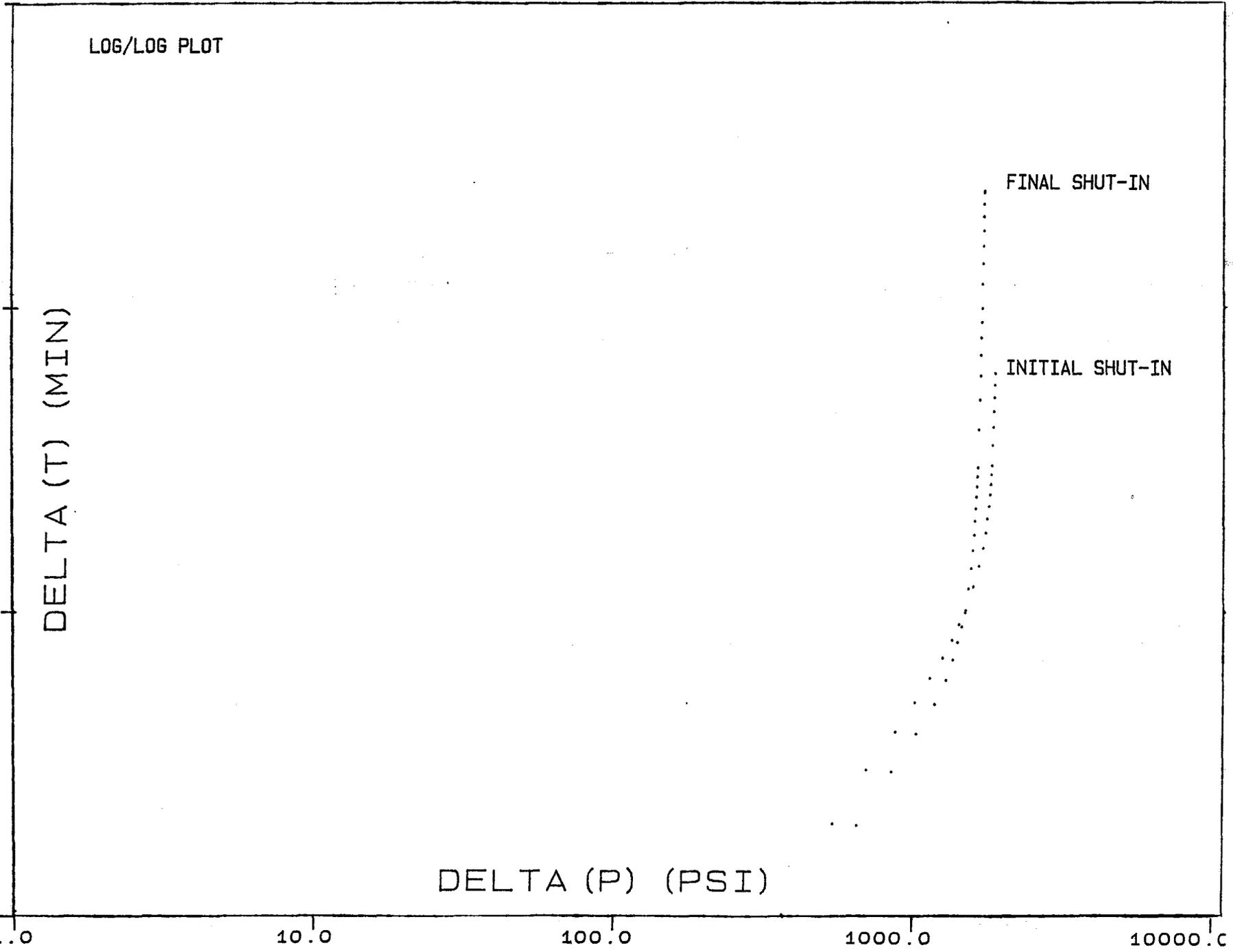
1.0

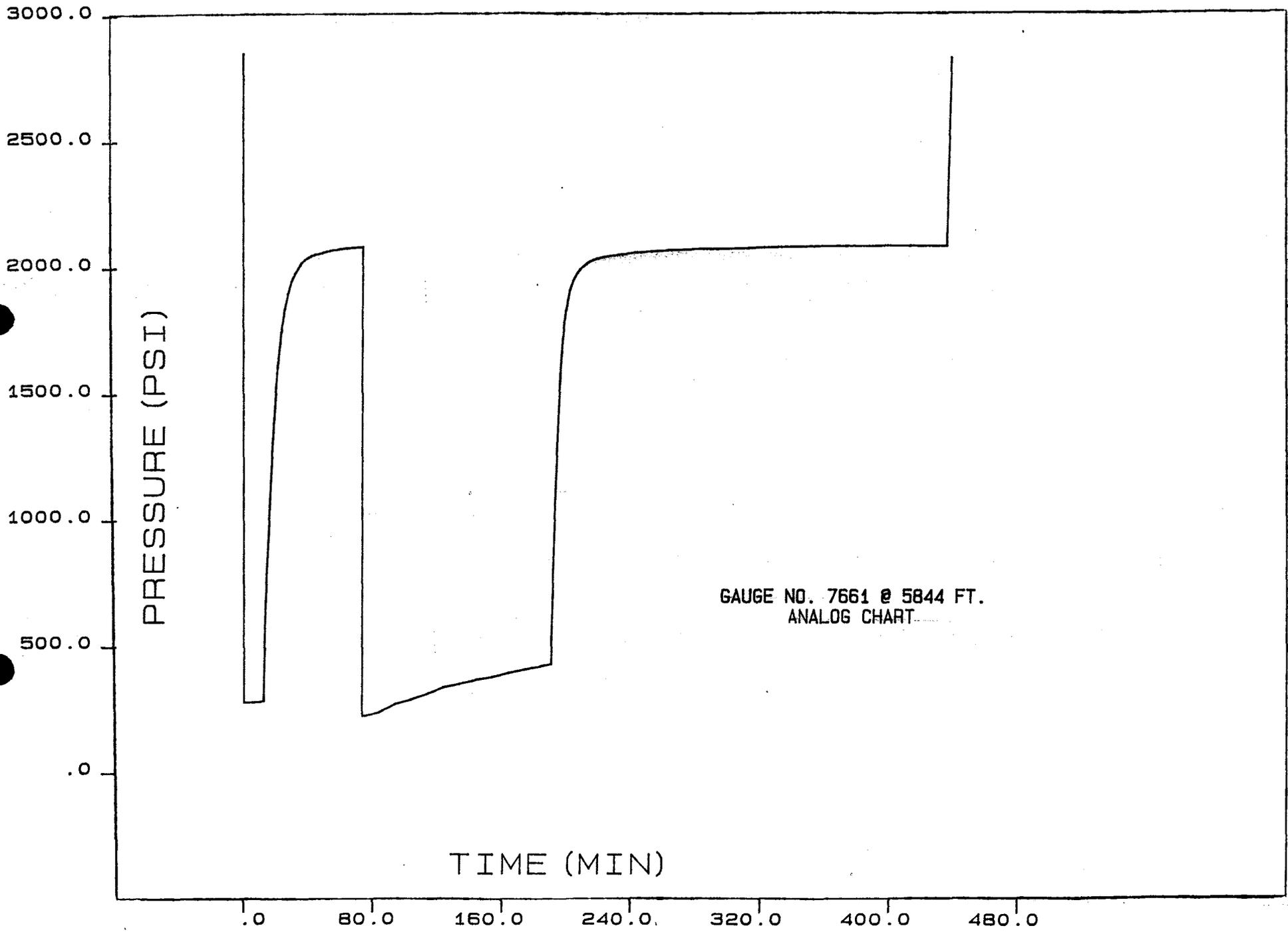
10.0

100.0

1000.0

10000.0





# BAKER SERVICE TOOLS

DISTRIBUTION OF FINAL REPORTS

Meridian Oil, Inc.  
Operator

Cherokee Federal #43-14  
Well Name and No.

MERIDIAN OIL INC. 4  
ATTN MR. ARTHUR MOORE  
5613 DTC PARKWAY  
ENGLEWOOD CO 80111

MERIDIAN OIL INC. 2  
175 N. 27TH ST.  
BILLINGS MT 59101

CITIES SERVICE OIL & GAS 2  
CLAY DESTA NATL. BANK BLDG.  
BOX 1919  
MIDLAND TX 79702

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

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

9

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  
P.O. Box 1855, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any requirements)\*  
 At surface NESE (1960' FSL - 1315' FEL)  
 At top prod. interval reported below Same  
 At total depth Same

**RECEIVED**  
FEB 08 1988

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
U-40440 *D.H.*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A 021210

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Cherokee-Federal

9. WELL NO.  
43-14

10. FIELD AND POOL, OR WILDCAT  
Cherokee

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA  
Section 14-37S-23E

14. PERMIT NO. 43-037-31364 DATE ISSUED 11-4-87  
 12. COUNTY OR PARISH San Juan 13. STATE Utah

15. DATE SPUNDED 11-15-87 16. DATE T.D. REACHED 11-27-87 17. DATE COMPL. (Ready to prod.) 12-30-87  
 18. ELEVATIONS (OF. RKB, RT, GR, ETC.)\* 5540.5 GL 19. ELEV. CASINGHEAD 5552.5

20. TOTAL DEPTH, MD & TVD 6090' 21. PLUG, BACK T.D., MD & TVD 6001' 22. IF MULTIPLE COMPL., HOW MANY\* N/A  
 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5804' - 5856' (Ismay)  
 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CNLD, EPL, BCS/GR, DLM/SFL GR, CBL/VDL/CCL/GR *with EPT*  
 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	2040.71	11"	600 SX "B"	-
5-1/2"	15.5#	6088	7-7/8"	170 SX "B"	-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5811.16'	5799.16'

31. PERFORATION RECORD (Interval, size and number)

5804' - 5856'	4 jspf, 23 gram charge 4" casing gun
5758' - 5771'	4 jspf, 23 gram charge 4" casing gun

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5804'-5856'	3150 gals 15% Hcl
5758'-5771'	1350 gals 15% Hcl

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
12-30-87	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-30-87	24	20/64"	→	106	160	0	1509

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
175	N/A	→	106	160	0	44.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Flaring  
 TEST WITNESSED BY Dave Overgaard

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 *D.R. Hume* TITLE Regional Drilling Engineer DATE 2-4-88

\*(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-stems, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ismay	5759'	5858'	<p>DST #1, Times: 15-60-120-240. No cushion.            Reverse recovery: 436' HGC &amp; OCM, 218'            HGC &amp; MCO</p> <p>Sample Chamber:            2100 cc volume            600 psi            1000 cc total volume            400 cc oil            600 cc mud            1.7 cfg</p> <p>Pressures: @ btm            HP: 2895 - 2812            FP: 247 - 193, 275 - 430            SIP: 2080 - 2083</p>	Navajo Wingate Chinle Cutler Hermosa Upper Ismay Hovenweep Lower Ismay Gothic Desert Creek Chimney Rock Akah	938 1615 1887 2875 4696 5714 5861 5896 5943 5976 6050 6075	

38. GEOLOGIC MARKERS

MERIDIAN OIL

RECEIVED  
FEB 16 1988

DIVISION OF  
OIL, GAS & MINING

TRANSMITTAL LETTER  
RECORD OF SHIPMENT OF CONFIDENTIAL INFORMATION

TO: Utah Dept. of Natural Resources  
Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attn: Well Records

FROM: A. H. Moore  
Name  
Exploration Manager  
Title  
DATE: February 9, 1988  
VIA: Mail

QUANTITY	DESCRIPTION
	43-14 Cherokee Federal
1	✓ Compensated Neutron-Litho Density
1	✓ Electromagnetic Propagation Log
1	✓ EPT Cyberlook
1	✓ Dual Laterolog Micro-SFL
1	✓ Borehole Compensated Sonic/GR to SU
1 *	RMGE Final Well Report
1 *	Baker DST #1 Report

\* NOT ENCLOSED WITH LOGS

INSTRUCTIONS: Please acknowledge receipt promptly by signing and returning the copy.

RECEIVED BY: Vicky Carney DATE: 2-16-88

RECORD OF SHIPMENT OF CONFIDENTIAL INFORMATION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

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

MAY 2 1988

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR MERIDIAN OIL INC.		3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NENW (810' FNL - 1550' FWL)		5. PERMIT NO. 43-037-31316/31364		6. ELEVATIONS (Show whether DF, RT, OR, etc.) 5630' KB		7. LEASE DESIGNATION AND SERIAL NO. 40440		8. INDIAN, ALLOTTEE OR TRIBE NAME N/A		9. UNIT AGREEMENT NAME N/A		10. FARM OR LEASE NAME Cherokee-Federal		11. WELL NO. 33-14 and 43-14		12. FIELD AND POOL, OR WILDCAT Cherokee		13. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 14-37S-23E		14. COUNTY OR PARISH San Juan		15. STATE Utah	
--	--	--	--	--	--	--	--	-------------------------------------	--	---	--	--	--	--	--	-------------------------------	--	--	--	---------------------------------	--	--	--	--	--	----------------------------------	--	-------------------	--

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 <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 PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> NTL-4A

(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.)\*

Permission to flare gas on an emergency basis, is requested for the above named facility. All gas is being sold to Western Gas Processors at the present time, with no flaring of gas. Approval of this request would cover unforeseen instances of high line pressure or equipment malfunction. A 72 hr time period is suggested.

CONFIDENTIAL

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

SIGNED W. G. Brown TITLE Production Superintendent DATE 4/27/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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

\*See Instructions on Reverse Side



STATE OF UTAH  
 NATURAL RESOURCES  
 Oil, Gas & Mining

well files

Norman H. Bangerter, Governor  
 Dee C. Hansen, Executive Director  
 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 6, 1988

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

Gentlemen:

Re: Request for Gas Venting or Flaring Approval

The Division of Oil, Gas And Mining has received several sundry notices requesting standing approval for emergency gas venting or flaring for the following wells in San Juan County:

- Havasu Federal #22-19, Sec. 19, T. 38S, R. 24E
- Havasu Federal #41-24, Sec. 24, T. 38S, R. 24E
- Havasu Federal #42-24, Sec. 24, T. 38S, R. 24E
- Cherokee Federal #11-14, Sec. 14, T. 37S, R. 23E
- Cherokee Federal #22-14, Sec. 14, T. 37S, R. 23E
- Cherokee Federal #33-14, Sec. 14, T. 37S, R. 23E
- Cherokee Federal #43-14, Sec. 14, T. 37S, R. 23E

Your request was reviewed with Board of Oil, Gas and Mining during the informal briefing session of their May 26, 1988 Board meeting.

The Board determined that your request for standing approval to vent or flare gas from the subject wells on an emergency basis shall not be granted. It was the opinion of the Board that in cases of emergency venting or flaring, you must immediately notify the Division and properly report the volumes and duration of any such venting or flaring. The Division shall review all emergency venting or flaring of gas to ensure that such action is unavoidable and adheres to principles of proper conservation.

In this situation, the Board has granted the Division administrative authority to allow gas venting or flaring from the subject wells for verifiable emergencies. If, in the opinion of the Division staff, any reported venting or flaring is not justified, the Division will inform the Board and further action may be taken in accordance with the rules and orders of the Board.

Page 2  
Meridian Oil Inc.  
June 6, 1988

The factors which the Division may consider in reviewing emergency gas venting or flaring are:

1. The disruption of gas transportation and the reasons for such disruption.
2. The ability of Meridian to restrict production as long as correlative rights are protected and without causing waste.
3. The potential for any other conservation oriented alternative to gas venting or flaring.

If you have any further questions concerning this action, please contact John Baza at the letterhead address and telephone number. Thank you for your consideration in this matter.

Best regards,



Dianne R. Nielson  
Director

JRB  
cc: R. J. Firth  
Well files  
0458T-50-51

well file

Form 3160-5  
(November 1983)  
(Formerly 9-331)

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-40440

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Cherokee-Federal

9. WELL NO.  
43-14

10. FIELD AND POOL, OR WILDCAT  
Cherokee

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
Section 14-37S-23E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

RECEIVED  
AUG 25 1988

1. 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 regulations. See also space 17 below.)  
At surface  
NESE (1960' FNL - 1315' FEL)

14. PERMIT NO.  
43-037-31364

15. ELEVATIONS (Show whether DR., RT., OR, etc.)  
5549' KB

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 ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	NTL 4-A <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.)

Well will be flaring at the rate of 100 mcfpd during shut down of Western Gas Processors Kachina Gas Plant 8/23/88 for 5 days (Lower Ismay)

18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE Production Superintendent DATE 8/23/88

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

BLM (3), UOGM (3), File (1)

\*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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
UT-10757-100000

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

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and State  
43-14 Cherokee Federal

9. API Well No.  
43-037-31364

10. Field and Pool, or Exploratory Area  
Cherokee

11. County or Parish, State  
San Jaun County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Meridian Oil Inc.

3. Address and Telephone No.  
5613 DTC Parkway, Englewood, CO 80111 (303) 930-9407

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1960' FSL, 1350' FEL NESE Sec. 14-T37S-R23E

Meridian Oil  
NOV 29 1993  
REGULATORY COMPLIANCE  
FEDERAL REGION

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

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

Please see attached Daily Operations Summary for the acid breakdown performed on the subject well.

RECEIVED  
DEC 06 1993  
DIVISION OF  
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Signed [Signature] Title Regulatory Compliance Adm. Date 11/10/93

(This space for Federal or State office use)  
Approved By ACCEPTED Title Branch of Fluid Minerals Moab District Date NOV 24 1993  
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.

**MERIDIAN OIL INC., DENVER REGION  
DAILY OPERATIONS SUMMARY**

**43-14 CHEROKEE FEDERAL**

**CHEROKEE FIELD**

DP No: 2690A COUNTY: SAN JUAN STATE: UTAH  
 LOCATION: NESE SEC 14-T37S-R23E  
 AFE No: LOE AFE AMOUNT: AFE TYPE:  
 PROJECT DESCRIPTION:

DATE: 08/25/93	DAILY COST: \$900
DAY NO: 1	TOTAL COST TO DATE: \$900

13:00 - 14:00 1.00 MOVE IN RIG SHUT IN WELL RIG UP  
 14:00 - 15:00 1.00 BLEED DOWN WELL UNSET PUMP  
 15:00 - 16:00 1.00 TOOH W/ RODS  
 16:00 - 17:00 1.00 RELEASE ANCHOR CATCHER NIPPLE DOWN WELL HEAD  
 NIPPLE UP BOPS SWIFN

DATE: 08/26/93	DAILY COST: \$2,400
DAY NO: 2	TOTAL COST TO DATE: \$3,300

07:30 - 09:30 2.00 TRIP OUT OF HOLE, TALLY OUT L/D PERF SUB MUD  
 ANCHOR S/N  
 09:30 - 11:00 1.50 P/U BIT & 5 1/2" SCRAPER TIH  
 11:00 - 12:30 1.50 TOOH W/ BIT AND SCRAPER L/D BIT & SCRAPER P/U  
 BAKER SAP TOOL  
 12:30 - 14:00 1.50 TIH W/ SAP TOOL LEFT 5 STANDS OUT SHUT IN  
 BOPS AND TUBING WILL PUMP PERF BREAK DOWN @  
 09:00 HRS 8-26-93

DATE: 08/27/93	DAILY COST: \$9,711
DAY NO: 3	TOTAL COST TO DATE: \$13,011

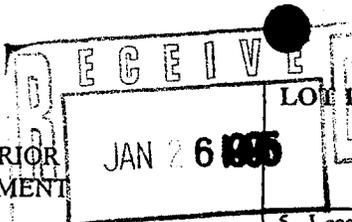
07:30 - 09:00 1.50 MOVE IN DS RIG UP PUMP TRUCK AND ACID  
 TRANSPORT  
 09:00 - 09:45 0.75 LOWER TUBING BELOW PERFS SET SAP TOOL  
 PRESSURE TEST TO 2100 PSIG SURFACE  
 09:45 - 11:10 1.42 FIND FIRST PERF PUMP TEST W/2% KCL SPOT  
 20BBLs 90/10 DAD ACID DISPLACE W/12 BBLs  
 WATER. SELECTIVELY ACIDIZE PERFS W/15% DAD  
 ACID DID NOT SEE ANY PRESSURE ON BREAK DOWN  
 TREATMENT, SPOT ACID ON PERFS. TO INSURE OPEN  
 THEN MOVING TO NEXT PERF. TOTAL ACID USED 20  
 BBLs ON PERF BREAKDOWN. ALL PERFS ON VACUME.  
 11:10 - 11:30 0.33 DISPLACE LIVE ACID OUT OF ANNULUS PUMPING  
 35BBLs 2% KCL ANNULUS ON VAC.  
 11:30 - 12:10 0.67 RIH W/ SAND LINE FISH CONTROL BAR ON SAP TOOL  
 SET PACKER 15' ABOVE PERFS @ 5743  
 12:10 - 12:40 0.50 PUMP 53 BBLs 15% DAD ACID @ RATE OF 7BBL A  
 MIN. DISPLACE W/100 BBLs 2% KCL RATE OF 7.5  
 BBL A MIN. CAUGHT PRESSURE 20 BBLs INTO  
 DISPLACEMENT MAX. PRESSURE OF 1310 @ END OF  
 DISPLACEMENT ISIP-0  
 12:40 - 19:00 6.33 SWAB ON WELL STARTING FL @ 4800 MADE 16 RUNS  
 RECOVERED 40 BBLs FLUID 20% OIL SWABED DRY @  
 18:00 HRS. LET SET 1 HR NO FURTHER FLUID

ENTRY BOTTOM FL @ 5400

DATE:	08/28/93	DAILY COST:	\$3,100
DAY NO:	4	TOTAL COST TO DATE:	\$16,111

07:30 - 10:30	3.00	SWAB ZONE 5758-5856 THRU PIP TOOL AT 5800 MADE 11 RUNS RECOVERED 30.5 BBLs 100% WTR. STARTING FL AT 5300' ENDING FL AT 5400' SITP 14.5 HOURS 0 PSI
10:30 - 12:30	2.00	POOH WITH PIP TOOL.
12:30 - 14:00	1.50	RIH WITH PRODUCTION STRING.
14:00 - 16:00	2.00	N/D BOPES SET ANCHOR WITH 18000 TENSION N/U WELL HEAD.
16:00 - 17:30	1.50	RIH WITH RODS, HANG OFF, FILL HOLE WITH 2% KCL H2O LEFT OVER FROM ACID JOB. PUMPED UP TO 200 PSI. HELD FOR 15 MIN. OK RIG DOWN RIG WELL BACK ON PRODUCTION AT 1800 08-27-93.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



LOT 145.2

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

SUNDRY NOTICES AND REPORTS ON WELLS, OIL, GAS & MINING

5. Lease Designation and Serial No.  
MSA 10 40440

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator <b>D. J. SIMMONS COMPANY LTD. PARTNERSHIP</b>	7. If Unit or CA, Agreement Designation N/A
3. Address and Telephone No. <b>P. O. BOX 1469, FARMINGTON, NM 87499</b>	8. Well Name and No.    CHEROKEE FEDERAL 43-14
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1960' FSL & 1315' FEL SEC. 14 - R37S-R23E	9. API Well No.    3136400 43-037-
	10. Field and Pool, or Exploratory Area CHEROKEE
	11. County or Parish, State SAN JUAN COUNTY, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Recompletion
	<input type="checkbox"/> New Construction
	<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.)

RECEIVED  
 95 JAN 29 AM 7:44  
 MINING DISTRICT OFFICE  
 BUREAU OF LAND MANAGEMENT  
 DEPARTMENT OF THE INTERIOR

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.)\*  
Please be advised that effective November 1, 1994, **D. J. SIMMONS CO. LTD. PARTNERSHIP** will be operator of the Cherokee Federal 43-14; SE/4 of Section 14 - T37S-R23E; San Juan County, Utah; and is responsible for the operations conducted in the subject well.

**D. J. SIMMONS CO. LTD. PARTNERSHIP IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF.**

**BOND COVERAGE FOR THIS WELL IS PROVIDED BY BLM BOND NO. 9009293. FORMER OPERATOR WAS MERIDIAN OIL INC.**

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

Signed [Signature] Title Asst Date 12/8/94

(This space for Federal or State office use)

Approved [Signature] Title **Associate District Manager** Date 1/23/95  
By [Signature] Condition of Approval, If any: CONDITION OF APPROVAL FURNISHED

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.

D. J. Simmons Company Ltd. Partnership  
Well No. 43-14  
Sec. 14, T. 37 S., R. 23 E.  
San Juan County, Utah  
Lease U-40440

CONDITIONS OF APPROVAL

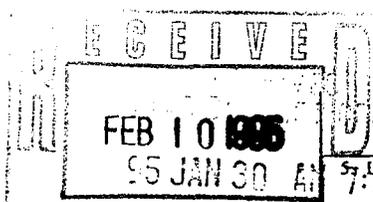
Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that D. J. Simmons Company Ltd. Partnership is considered to be the operator of the above wells and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1002 (Principle - D. J. Simmons Company Ltd. Partnership) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

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 OF OIL, GAS & MINING**

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

5. Lease Designation and Serial No.  
40440

Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
Federal 43-14

9. API Well No.  
3131600

10. Field and Pool, or Exploratory Area  
CHEROKEE

11. County or Parish, State  
San Juan County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INTEGRITY FINANCIAL**

3. Address and Telephone No.  
 c/o Petroco, Inc.; P. O. Box 1622; Roosevelt, Utah 84066

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1960' FSL & 1315' FEL SEC. 14 - R37S-R23E

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

13. 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.)\*

Please be advised that effective November 1, 1994, INTEGRITY FINANCIAL will be Operator of the Cherokee Federal 43-14; SE¼ of Section 14 - T37S-R23E; San Juan County, Utah; and is responsible for the operations conducted in the subject well.

**INTEGRITY FINANCIAL IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF.**

**BOND COVERAGE FOR THIS WELL IS PROVIDED BY BLM BOND NO. 9009293. FORMER OPERATOR WAS MERIDIAN OIL INC.**

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

Signed [Signature] Title Agent Date 1-17-95

(This space for Federal or State office use) Associate District Manager Date FEB - 7 1995

Approved by /s/ WILLIAM C. STRINGER Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

**CONDITIONS OF APPROVAL ATTACHED**

# The Oil & Gas Asset **CLEARINGHOUSE**

A Texas Corporation

February 23, 1995

Utah Division of Oil, Gas & Mining  
Dept. of Natural Resources & Energy  
3 Triad Center #350  
Salt Lake City, Utah 84180-1203

Attn: Lisha Cordova

RE: Federal Lease USA U-46825  
Federal Lease USA U-40440  
San Juan County, Utah

Dear Ms. Cordova:

Enclosed please find four (4) copies of Sundry Notices and Reports on Wells, Forms 3160-5, for the above referenced Federal Leases in San Juan County, Utah which name D. J. Simmons Company Limited Partnership as Operator.

Please review these forms and update your files accordingly. Thank you very much for your assistance in this matter and please contact me if there is any problem or question about this transfer.

Very truly yours,

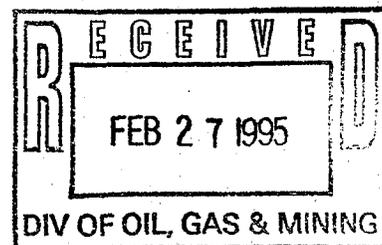
THE OIL & GAS ASSET CLEARINGHOUSE, INC.



Brenda K. Walls  
Land Administrator

Enclosures

Sale 108\*145



---

# Facsimile Cover Sheet

**To:** Lisha Cordova  
**Company:** State of Utah  
**Phone:** 801/538-5340  
**Fax:** 801/359-3940

**From:** Maralene Spawn  
**Company:** Meridian Oil Inc.  
**Phone:** (303) 930-9419  
**Fax:** (303) 930-9491

**Date:** March 6, 1995  
**Pages including this** 2  
**cover page:**

**Comments:** Let me know if you need any other information.

**MERIDIAN OIL**

March 6, 1995

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: Change of Operator

Gentlemen:

Effective November 1, 1994 Meridian Oil Inc. resigned as operator of the following wells:

11-14 Cherokee Federal, API #4303731290  
22-14 Cherokee Federal, API #4303731367  
33-14 Cherokee Federal, API #4303731316  
43-14 Cherokee Federal, API #4303731364

The new operator of the above listed properties is D. J. Simmons Company, LTD.  
Partnership.

Yours truly,



Maralene Spawn  
Supervisor, Volume Administration

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LFC 7-PL	✓
2	LWF 8-SJ	✓
3	BTSS 9-FILE	
4	VLC	✓
5	RJF	✓
6	LWP	✓

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

(MERIDIAN TO INTEGRITY APRV 2-7-95)

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-94)

TO (new operator) INTEGRITY FINANCIAL  
 (address) C/O PETROCO INC  
PO BOX 1622  
ROOSEVELT UT 84066  
 phone (801) 722-3000  
 account no. N 7155(A)

FROM (former operator) MERIDIAN OIL INC  
 (address) PO BOX 3209  
ENGLEWOOD CO 80155-3209  
D.J. SIMMONS COMPANY LTD phone (303) 930-9419  
9035 S 700 E account no. N 7230  
SANDY UT 84070-2418  
C/O MARK DOLAR  
(801)561-3121  
NO225 (MERIDIAN TO DJ SIMMONS APRV BY BLM 1-23-95)

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

Name: <u>CHEROKEE FED 11-14/ISMY</u>	API: <u>43-037-31290</u>	Entity: <u>10694</u>	Sec <u>14</u> Twp <u>37S</u> Rng <u>23E</u>	Lease Type: <u>U46825</u>
Name: <u>CHEROKEE FED 22-14/ISMY</u>	API: <u>43-037-31367</u>	Entity: <u>10694</u>	Sec <u>14</u> Twp <u>37S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>CHEROKEE FED 33-14/ISMY</u>	API: <u>43-037-31316</u>	Entity: <u>10757</u>	Sec <u>14</u> Twp <u>37S</u> Rng <u>23E</u>	Lease Type: <u>U40440</u>
Name: <u>CHEROKEE FED 43-14/ISMY</u>	API: <u>43-037-31364</u>	Entity: <u>10757</u>	Sec <u>14</u> Twp <u>37S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- 1 (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-27-95) (Rec'd 2-13-95) (Rec'd 3-6-95)*
- 2 (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-26-95/DJ Simmons) (Rec'd 2-10-95/Integrity)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- 4 (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-30-95/DJ Simmons) (2-16-95/Integrity)*
- Sup 6. Cardex file has been updated for each well listed above. *2-7-95*
- Sup 7. Well file labels have been updated for each well listed above. *2-7-95*
- 4 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-30-95/DJ Simmons) (2-16-95/Integrity)*
- 4 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

1. (Rule R615-8-7) 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).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date                      1995. If yes, division response was made by letter dated                      1995.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      1995, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: March 27 1995.

FILING

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

COMMENTS

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O PETROCO, INC.  
 INTEGRITY FINANCIAL  
 PO BOX 1622  
 ROOSEVELT UT 84066

UTAH ACCOUNT NUMBER: N7155

REPORT PERIOD (MONTH/YEAR): 6 / 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)
FEDERAL 14-8 4301530061 00437 26S 07E 8	MNKP					
FEDERAL 12-17 4301530062 00438 26S 07E 17	MNKP					
ENERGETICS FED 21-20 4301530036 00439 26S 07E 20	MNKP					
RIVER JUNCTION 11-18 4304731316 09705 09S 20E 18	GRRV					
CHEROKEE FEDERAL 11-14 4303731290 10694 37S 23E 14	ISMY			446825		
CHEROKEE FEDERAL 22-14 4303731367 10694 37S 23E 14	ISMY			"		
CHEROKEE FEDERAL 33-14 4303731316 10757 37S 23E 14	ISMY			440440		
CHEROKEE FEDERAL 43-14 4303731364 10757 37S 23E 14	ISMY			"		
SHANE FEDERAL 1 4303731406 10999 37S 24E 7	ISMY					
<b>TOTALS</b>						

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 reentry 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

Dolar Oil Properties, L.C.

3. Address and Telephone No.

935 E. South Union Avenue, Suite D-202, Midvale, UT 84047

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

1960' FSL & 1315' FEL Sec. 14 - T37S-R23E

5. Lease Designation and Serial No.

U-40440

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal 43-14

9. API Well No.

3131600

10. Field and Pool, or Exploratory Area

Cherokee

11. County or Parish, State

San Juan County  
Utah

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Change of Operator  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

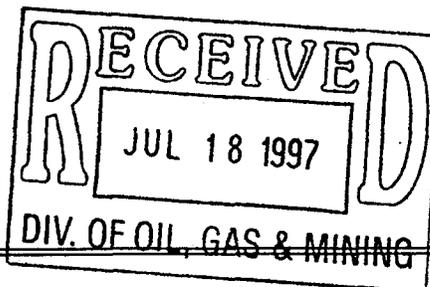
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)\*

Please be advised that effective July 1, 1997, DOLAR OIL PROPERTIES, L.C. will be Operator of the Cherokee Federal 43-14; SE $\frac{1}{4}$  of Section 14 - T37S-R23E; San Juan County, Utah; and is responsible for the operations conducted in the subject well.

DOLAR OIL PROPERTIES, L.C. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF.

BOND COVERAGE FOR THIS WELL IS PROVIDED BY BLM BOND NO. UT1082. FORMER OPERATOR WAS INTEFRITY FINANCIAL.



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

Signed

*[Signature]*

Title Managing Member

Date 7/16/97

(This space for Federal or State office use)

/s/ Brad D. Palmer

Title Assistant Field Manager, Resource Management

Date JUL 16 1997

Approved by  
Conditions of approval, if any:

**CONDITIONS OF APPROVAL ATTACHED**

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.

Dolar Oil Properties, L.C.  
Well No. Cherokee Federal 43-14  
SE¼ Sec. 14, T37S-R23E  
San Juan County, Utah  
Lease UTU-40440

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.

Be advised that Dolar Oil Properties, L.C. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1082 (Principal - Dolar Oil Properties, L.C.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

## SELF-CERTIFICATION STATEMENT

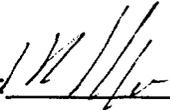
Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when operator is not 100% record title holder. An operator is now required to submit a Self-Certification Statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises.

Please be advised that:

Dolar Oil Properties, L.C.  
935 E. South Union Avenue, Suite D-202  
Midvale, Utah 84047

is considered to be the operator of Well No. **Cherokee Federal Well No. 43-14**, Section 14: SE $\frac{1}{4}$ , Township 37 South, Range 23 East, SLB&M, Lease U-46825, San Juan County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Utah Federal Bond UT-1082.

Dolar Oil Properties, L.C.

By:  \_\_\_\_\_

Title: Managing Member

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 reentry 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  
 Integrity Financial

3. Address and Telephone No.  
 C/O-Petroco, Inc., P.O. Box 1622, Roosevelt, Ut 84066

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1960' FSL & 1315' FEL, Sec 14, T37S,R23E

5. Lease Designation and Serial No.  
 U-40440

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

7. If Unit or CA, Agreement Designation  
 N/A

8. Well Name and No.  
 Cherokee Federal #43-14

9. API Well No.  
 43-037-31364

10. Field and Pool, or Exploratory Area  
 Cherokee

11. County or Parish, State  
 San Juan County, Utah

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

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

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

13. 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.)\*

Please be advised that effective July 1, 1997, Dolar Oil Properties, L.C., will be Operator of the Cherokee Federal #43-14 well.

Please release BLM Bond No. 9009293. The new BLM Bond No. is UT1082 from Dolar Oil Properties, L.C., 935 E. South Union Avenue, Suite D-202, Midvale, UT 84047.

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

Signed

*Susan [Signature]*

Title

Agent for Integrity

Date

7/23/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions 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 statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

# DOLAR OIL PROPERTIES LC

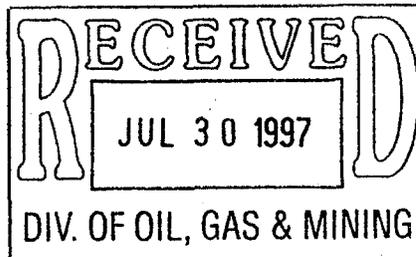


Phone: (801) 561-3121  
Fax: (801) 561-3133

935 East South Union Avenue  
Suite D-202  
Salt Lake City, Utah 84047

July 28, 1997

Ms. Lesha Cordova  
Utah State Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801



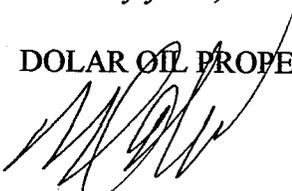
RE: Sundry notices for the Cherokee Field  
Township 37 South, Range 23 East  
San Juan County, Utah

Dear Lesha:

Enclosed please find photocopies of executed change of operator sundry notices for the following wells: Cherokee Federal #11-14, Cherokee Federal #22-14, Cherokee Federal #33-14, and Cherokee Federal #43-14 located in San Juan County, Utah. Attached to the sundry notices you will find a Self-Certification Notice and a Conditions of Approval. Also enclosed please find a sundry notice for each well from Integrity Financial concerning the release of bond number 9009293. As well as sundry notices from Dolar Oil Properties, L.C. releasing Integrity's bond and activating BLM Bond number UT1082. Thank you for your time and attention to this matter. Please do not hesitate to call should you have any questions.

Sincerely yours,

DOLAR OIL PROPERTIES, L.C.

  
Mark S. Dolar, CPL/ESA

MSD/ckk  
Enclosures (12)

A:CKD\SUNDRYCHERUT

**OPERATOR CHANGE WORKSHEET**

Routing	
1-DEC ✓	6-DEC ✓
2-GLH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE
5-JRB ✓	

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: 7-1-97

<b>TO:</b> (new operator) <u>DOLAR OIL PROPERTIES LC</u>	<b>FROM:</b> (old operator) <u>INTEGRITY FINANCIAL</u>
(address) <u>935 E S UNION AVE #D-202</u>	(address) <u>C/O PETROCO, INC.</u>
<u>MIDVALE UT 84047</u>	<u>PO BOX 1622</u>
<u>MARK DOLAR</u>	<u>ROOSEVELT UT 84066</u>
Phone: <u>(801)561-3121</u>	Phone: <u>(801)722-3000</u>
Account no. <u>N1680 (7-30-97)</u>	Account no. <u>N7155(A)</u>

WELL(S) attach additional page if needed:

Name: <u>CHEROKEE FED 11-14/IS</u>	API: <u>43-037-31290</u>	Entity: <u>10694</u>	S <u>14</u>	T <u>37S</u>	R <u>23E</u>	Lease: <u>U46825</u>
Name: <u>CHEROKEE FED 22-14/IS</u>	API: <u>43-037-31367</u>	Entity: <u>10694</u>	S <u>14</u>	T <u>37S</u>	R <u>23E</u>	Lease: <u>U46825</u>
Name: <u>CHEROKEE FED 33-14/IS</u>	API: <u>43-037-31316</u>	Entity: <u>10757</u>	S <u>14</u>	T <u>37S</u>	R <u>23E</u>	Lease: <u>U40440</u>
Name: <u>CHEROKEE FED 43-14/IS</u>	API: <u>43-037-31364</u>	Entity: <u>10757</u>	S <u>14</u>	T <u>37S</u>	R <u>23E</u>	Lease: <u>U40440</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 7-30-97)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 7-18-97)*
- Yec 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) yes If yes, show company file number: #LC012098. (e#-2-7-96)
- Yec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Yec 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. *(7-30-97)*
- Yec 6. **Cardex** file has been updated for each well listed above. *(7-30-97)*
- Yec 7. Well file labels have been updated for each well listed above. *(7-30-97)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(7-30-97)*
- Yec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A/lee 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- 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. 8/1/97
- 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**

- VB 1. All attachments to this form have been microfilmed. Today's date: 8-8-97

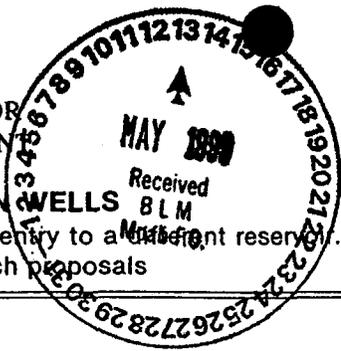
**FILING**

- 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**

970730 film / Maab Aprv. 7-16-97 & 7-1-97.

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 reentry to a ~~new~~ <sup>existing</sup> mineral reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
U-40440

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Cherokee Federal #43-14

9. API Well No.

43-037-31364

10. Field and Pool, or Exploratory Area

Cherokee Field

11. County or Parish, State

San Juan County,  
Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

B.K. Seeley, Jr., doing business as Seeley Oil Company

3. Address and Telephone No.

P.O. Box 9015, Salt Lake City, Utah 84109-0015

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

810' FNL & 1550' FWL Sec. 14 - T37S-R23E

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

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

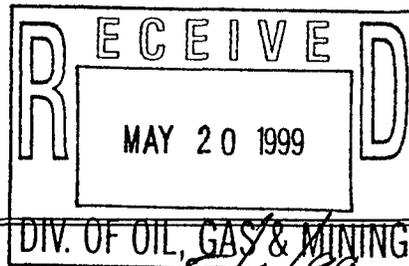
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)\*

Please be advised that effective May 1, 1999, B.K. Seeley, Jr., doing business as Seeley Oil Company will be the Operator of the Cherokee Federal #43-14; SE $\frac{1}{4}$  of Section 14 - T37S-R23E; San Juan County, Utah; and is responsible for the operations conducted in the subject well.

B.K. SEELEY, JR., DOING BUSINESS AS SEELEY OIL COMPANY IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF.

BOND COVERAGE FOR THIS WELL IS PROVIDED BY UTAH FEDERAL BOND NO. 0692. FORMER OPERATOR WAS DOLAR OIL PROPERTIES, L.C.



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

Signed B.K. Seeley, Jr. Title OWNER Date 5/11/99

(This space for Federal or State office use)

Approved by William H. [Signature] Title Assistant Field Manager, Date 5/14/99  
Conditions of approval, if any: Division of Resources

**CONDITIONS OF APPROVAL ATTACHED**

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.

cc: Dolar Oil Properties, LC  
DOGM 5/14/99

\*See Instruction on Reverse Side

## SELF-CERTIFICATION STATEMENT

Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when operator is not 100% record title holder. An operator is now required to submit a Self-Certification Statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises.

Please be advised that:

B.K. Seeley, Jr., doing business as Seeley Oil Company  
P.O. Box 9015  
Salt Lake City, Utah 84109-0015

is considered to be the operator of Well No. **Cherokee Federal Well No. 43-14**, Section 14: NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Township 37 South, Range 23 East, SLB&M, Lease U-40440, San Juan County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Utah Federal Bond 0692.

B.K. Seeley, Jr., doing business as Seeley Oil Company

By: B.K. Seeley, Jr.

Title: Owner

B.K. Seeley, Jr., doing business as Seeley Oil Company  
Well No. Cherokee Federal 43-14  
NESE Sec. 14, T37S-R23E  
San Juan County, Utah  
Lease UTU-40440

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.

Be advised that B.K. Seeley, Jr., doing business as Seeley Oil Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by Utah Federal Bond No. 0692 (Principal -B.K. Seeley, Jr., doing business as Seeley Oil Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.



Phone: (801) 561-3121  
Fax: (801) 561-3133

935 East South Union Avenue  
Suite D-202  
Salt Lake City, Utah 84047

July 22, 1999

FAX MESSAGE:

To:  
Kristen Riesbeck  
State of Utah Division of Oil & Gas

From:  
Mark S. Dolar

Subject:  
Sale of Cherokee Field  
Township 37 South, Range 23 East, SLM  
Section 14: All  
San Juan County, UT

Kristen:

Please be advised Dolar Oil Properties, L.C. sold the Cherokee #11-14, #22-14, #33-14 and #43-14 wells to Seeley Oil Company. The sale was effective May 1, 1999. Please correct your records to reflect the new ownership.

Thank you for your attention to this matter.

DOLAR OIL PROPERTIES, L.C.

Mark S. Dolar, CPL/ESA

# OPERATOR CHANGE WORKSHEET

Routing:	
1-KDR ✓	6-KASI ✓
2-GLH ✓	7-SJ ✓
3-JRB ✓	8-FILE
4-CDW ✓	
5-KDR ✓	

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: 5-1-99

<b>TO: (new operator)</b> <u>SEELEY OIL COMPANY</u> (address) <u>P.O. BOX 9015</u> <u>SALT LAKE CITY, UT 84109</u> Phone: <u>(801) 278-9755</u> Account no. <u>N2880</u>	<b>FROM: (old operator)</b> <u>DOLAR OIL PROPERTIES</u> (address) <u>935 E. UNION PARK AVE. #D-202</u> <u>MIDVALE, UT 84047</u> <u>MARK DOLAR</u> Phone: <u>(801) 561-3121</u> Account no. <u>N1680</u>
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WELL(S) attach additional page if needed:

Name: <u>CHEROKEE FED. 11-14</u>	API: <u>43-037-31290</u>	Entity: <u>10694</u>	S	14	T	37S	R	23E	Lease: <u>U-46825 (FED)</u>
Name: <u>CHEROKEE FED. 22-14</u>	API: <u>43-037-31367</u>	Entity: <u>10694</u>	S	14	T	37S	R	23E	Lease: <u>U-46825 (FED)</u>
Name: <u>CHEROKEE FED. 33-14</u>	API: <u>43-037-31316</u>	Entity: <u>10757</u>	S	14	T	37S	R	23E	Lease: <u>U-40440 (FED)</u>
Name: <u>CHEROKEE FED. 43-14</u>	API: <u>43-037-31364</u>	Entity: <u>10757</u>	S	14	T	37S	R	23E	Lease: <u>U-40440 (FED)</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- DR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 7.22.99)*
- DR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 5.20.99)*
- HA 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: \_\_\_\_\_
- DR 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. *(Rec'd 5.20.99)*
- DR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(8.16.99)*
- DR 6. **Cardex** file has been updated for each well listed above.
- DR 7. Well **file labels** have been updated for each well listed above. *(new filing system)*
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. *(8.16.99)*
- AL 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**

- DR 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.
- DR 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- JA 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- + 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**

- JA 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.
- + 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**

- VB 1. All attachments to this form have been microfilmed. Today's date: 11.3.99.

**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**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**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  
 Oil Well    Gas Well    Other

2. Name of Operator  
*Sceley oil Company*

3a. Address  
*P.O. Box 9018, SLC, UT*      3b. Phone No. (include area code)  
*801-467-6419*

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
*NE/SE Sec. 14 - T. 37S - R. 23E*

5. Lease Serial No.  
*U-40440*

6. If Indian, Allottee or Tribe Name  
*-*

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

8. Well Name and No.  
*Cherokee Fed. #43-14*

9. API Well No.  
*43-037-31364*

10. Field and Pool, or Exploratory Area  
*Cherokee Field*

11. County or Parish, State  
*San Juan Co, 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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

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 recomplate 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 recomplate 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.)

*We desire to change well name to =  
Bonnie Federal #43-14*

**RECEIVED**

APR 10 2000

*From Cherokee Fed. #43-14*

**DIVISION OF  
OIL, GAS AND MINING**

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

Name (Printed/Typed) *B.K. Sceley Jr.*      Title *owner*

Signature *B.K. Sceley Jr.*      Date *3/17/00*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by **ACCEPTED**      Title **Division of Resources**      Date **MAR 20 2000**

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 **Moab Field Office**

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.

Form 9-221  
(May 1983)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-B1424.

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>All oil + gas wells</b>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR <b>Seeley Oil Company, L.L.C.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>P.O. Box 9015, S.L.C., Utah 84109</b>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OM, etc.)	9. WELL NO.
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., E., or S.E. AND SURVEY OR AREA
		12. COUNTY OR PARISH
		13. STATE

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 ACIDISE

REPAIR WELL

(Other)

FULL 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.)\*

this is to inform you that effective with January 2003 we changed our name from "B.K. Seeley Jr. dba Seeley oil Company"

To: Seeley oil Company, L.L.C.

Please change your well records to reflect this change.

RECEIVED

MAR 03 2003

DEPT. OF OIL, GAS & MINING

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

SIGNED

B.K. Seeley Jr.

TITLE

Member

DATE

3/03/03

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side



**Ted Boyer**  
*Executive Director*  
Department of Commerce

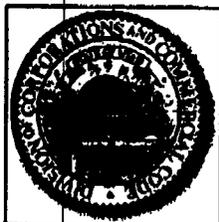
**Michael O. Leavitt**  
*Governor*  
State of Utah

**Kathy Berg**  
*Director*  
Division of Corporations  
& Commercial Code

**STATE OF UTAH**  
**DEPARTMENT OF COMMERCE**  
***DIVISION OF CORPORATIONS & COMMERCIAL CODE***  
**CERTIFICATE OF REGISTRATION**

**DE BENNEVILLE K SEELEY, JR**  
**SEELEY OIL COMPANY LLC**  
**3964 S SUMMERSPRING LANE**  
**SALT LAKE CITY UT 84124**

MAR 03 2003  
DIV. OF OIL, GAS & MINING



State of Utah  
Department of Commerce  
Division of Corporations & Commercial Code

**CERTIFICATE OF REGISTRATION**

**LLC - Domestic**

This certifies that **SEELEY OIL COMPANY LLC** has been filed and approved on **January 09, 2003** and has been issued the registration number **5260313-0160** in the office of the Division and hereby issues this Certification thereof.

**KATHY BERG**  
Division Director

RECEIVED

MAR 03 2003

DIV. OF OIL, GAS & MINING

well_name	section	township	range	api	entity	lease_type	status	well_type
STATE 36-13	36	15S	12E	43-007-30084	6430	STATE	S	OW
GRASSY TRAIL 36-2	36	15S	12E	43-007-30103	9577	STATE	S	OW
FEDERAL 35-44	35	15S	12E	43-007-30108	99998	FEDERAL	PA	NA

FEDERAL 1	01	16S	12E	43-015-15604	635	FEDERAL	TA	OW
FEDERAL 2	01	16S	12E	43-015-15607	635	FEDERAL	TA	OW
FEDERAL 1-14	01	16S	12E	43-015-30180	9575	FEDERAL	S	OW
STATE 2-43X	02	16S	12E	43-015-30100	6440	STATE	S	OW
STATE 2-23	02	16S	12E	43-015-30111	99990	STATE	I	WD
FEDERAL 3-23	03	16S	12E	43-015-30127	99998	FEDERAL	PA	D
FEDERAL 4-32	04	16S	12E	43-015-30121	6460	FEDERAL	S	OW
FEDERAL 11-33	11	16S	12E	43-015-30097	6435	FEDERAL	P	OW
FEDERAL 11-41	11	16S	12E	43-015-30118	6450	FEDERAL	S	OW
FEDERAL 11-13	11	16S	12E	43-015-30120	6455	FEDERAL	S	OW
FEDERAL 11-11	11	16S	12E	43-015-30149	6490	FEDERAL	S	OW
FEDERAL 11-42	11	16S	12E	43-015-30167	6495	FEDERAL	P	OW
FEDERAL 11-23	11	16S	12E	43-015-30170	6500	FEDERAL	S	OW
FEDERAL 11-43	11	16S	12E	43-015-30172	6431	FEDERAL	S	OW
FEDERAL 12-13	12	16S	12E	43-015-30142	6485	FEDERAL	S	OW
FEDERAL 12-32	12	16S	12E	43-015-30184	9576	FEDERAL	S	OW
FEDERAL 14-11	14	16S	12E	43-015-30138	6475	FEDERAL	S	OW
FEDERAL 6-14	06	16S	13E	43-015-30187	99998	FEDERAL	LA	OW

BONNIE FEDERAL 11-14	14	37S	23E	43-037-31290	10694	FEDERAL	P	OW
BONNIE FEDERAL 33-14	14	37S	23E	43-037-31316	10757	FEDERAL	PA	GW
BONNIE FEDERAL 43-14	14	37S	23E	43-037-31364	10757	FEDERAL	P	OW
BONNIE FEDERAL 22-14	14	37S	23E	43-037-31367	10694	FEDERAL	P	GW

BLACK BULL FEDERAL 31C	31	38S	25E	43-037-31663	11352	FEDERAL	S	GW
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COWBOY 1	14	39S	22E	43-037-30012	2530	FEDERAL	S	OW
COWBOY 4	14	39S	22E	43-037-30037	2530	FEDERAL	PA	OW
COWBOY 5	14	39S	22E	43-037-30062	2530	FEDERAL	P	OW
COWBOY 7	23	39S	22E	43-037-30325	2530	FEDERAL	P	OW

RECAPTURE PKT ST 7	02	40S	22E	43-037-30701	2790	STATE	P	OW
RECAPTURE POCKET 1	03	40S	22E	43-037-30625	2780	FEDERAL	S	OW
RECAPTURE POCKET 5	10	40S	22E	43-037-30689	2785	FEDERAL	P	OW
GOVT NORWOOD 1	15	40S	22E	43-037-15611	985	FEDERAL	P	OW
1-25A KGS FEDERAL	25	40S	22E	43-037-30906	10025	FEDERAL	S	OW

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective: **1-9-03**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
SEELEY OIL COMPANY	SEELEY OIL COMPANY LLC
Address: P O BOX 9015	Address: P O BOX 9015
SALT LAKE CITY, UT 84109	SALT LAKE CITY, UT 84109
Phone: 1-(801)-467-6419	Phone: 1-(801)-467-6419
Account No. N2880	Account No. N2355

**CA No.**

**Unit:**

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 6-14	06-15S-13E	43-015-30187	99998	FEDERAL	OW	LA
BONNIE FEDERAL 11-14	14-37S-23E	43-037-31290	10694	FEDERAL	OW	P
BONNIE FEDERAL 33-14	14-37S-23E	43-037-31316	10757	FEDERAL	GW	PA
BONNIE FEDERAL 43-14	14-37S-23E	43-037-31364	10757	FEDERAL	OW	P
BONNIE FEDERAL 22-14	14-37S-23E	43-037-31367	10694	FEDERAL	GW	P
COWBOY 1	14-39S-22E	43-037-30012	2530	FEDERAL	OW	S
COWBOY 4	14-39S-22E	43-037-30037	2530	FEDERAL	OW	PA
COWBOY 5	14-39S-22E	43-037-30062	2530	FEDERAL	OW	P
COWBOY 7	23-39S-22E	43-037-30325	2530	FEDERAL	OW	P
RECAPTURE POCKET STATE 7	02-40S-22E	43-037-30701	2790	STATE	OW	P
RECAPTURE POCKET 1	03-40S-22E	43-037-30625	2780	FEDERAL	OW	S
RECAPTURE POCKET 5	10-40S-22E	43-037-30689	2785	FEDERAL	OW	P
GOV'T NORWOOD 1	15-40S-22E	43-037-15611	985	FEDERAL	OW	P
1-25A KGS FEDERAL (CA-000232)	25-40S-22E	43-037-30906	10025	FEDERAL	OW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 03/03/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/03/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/03/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5260313-0160
5. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/14/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/04/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/04/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 1063820156428

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0692

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

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