

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 14 1996

Bureau of Land Management
Durango, Colorado

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number 751-94-0007 I 12 IND 2172 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe Ute Mountain Ute	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 18725 Ute Mountain Ute / 9. Well Number 41	
4. Location of Well 1730' FNL, 1930' FEL Latitude 36° 57.7, Longitude 108° 20.8	10. Field, Pool, Wildcat 96353 Barker Dome Desert Creek EAT 11. Sec., Twn, Rge, Mer. (NMPM) G Sec 30, T-32-N, R-14-W API # 30-045-29355	
14. Distance in Miles from Nearest Town 8 miles to LaPlata	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1730'	17. Acres Assigned to Well 320 E/2	
16. Acres in Lease	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 3300'	22. Approx. Date Work will Start 2nd quarter 1996	
19. Proposed Depth 9290'		
21. Elevations (DF, FT, GR, Etc.) 6902' GR		
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>[Signature]</u> Regional Drilling Engineer	2-12-96 Date	

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY (s) Jim Lovato

TITLE AREA MANAGER

DATE MAR 1 1996

Archaeological Report submitted by LaPlata Archaeological Consultants Report #9537h dated 10-03-95
Threatened and Endangered Species Report submitted by Ecosphere Environmental Services dated 10-09-95
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NMOCB

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 199
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29355		Pool Code 96353		Pool Name Barker Dome Desert Creek EXT	
Property Code 18725		Property Name Ute Mtn. Ute			Well Number 41
OGRID No. 14538		Operator Name Meridian Oil Inc.			Elevation 6902'

10 Surface Location

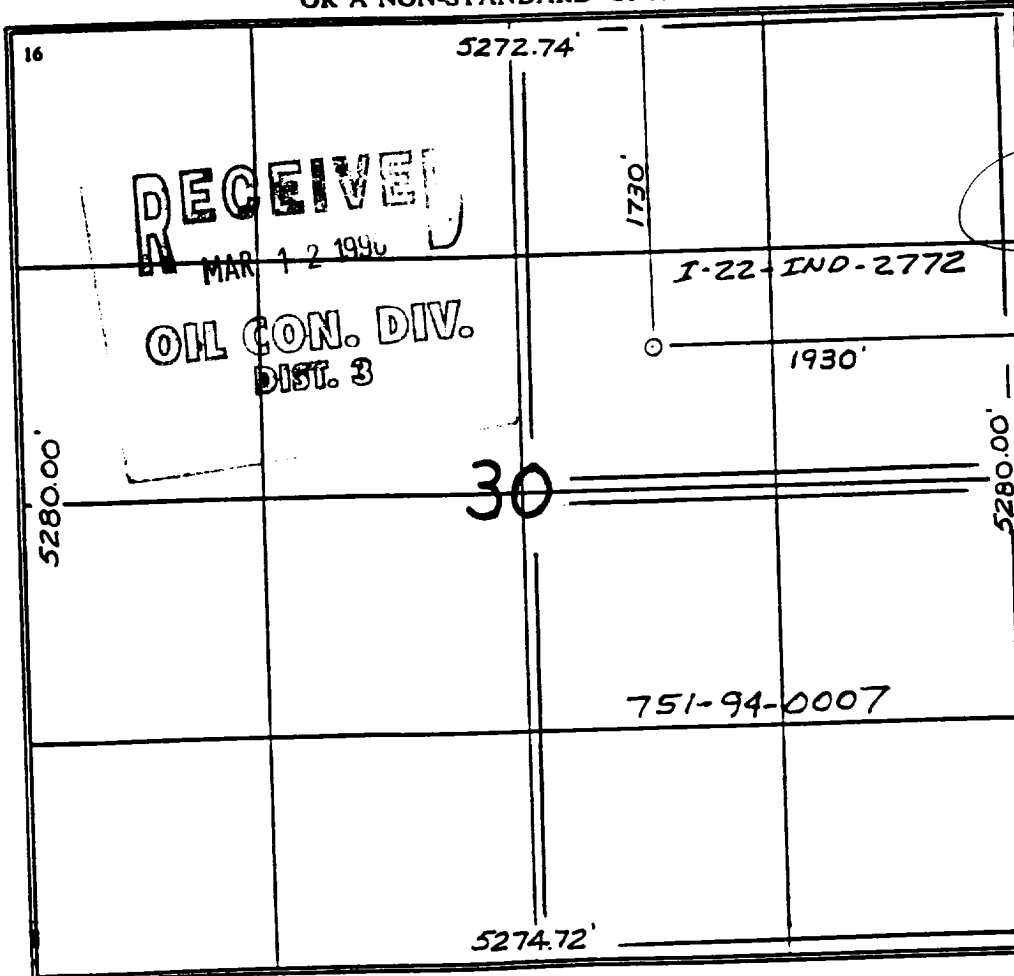
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
G	30	32 N	14 W		1730	NORTH	1930	EAST	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres E/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
1-5-96
Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief.

9-09-95
Date of Survey
Signature and Seal of Professional Surveyor

HEAL C. EDWARDS
0857
0857
Certificate Number

January 5, 1996

OPERATIONS PLAN

Well Name: Ute Mountain Ute #41
Location: 1730' FNL, 1930' FEL, Section 30, T-32-N, R-14-W
San Juan County, NM
Formation: Barker Dome Desert Creek
Elevation: 6902' GR

Formation:	Top	Bottom	Contents
Surface	Menefee	823'	
Point Lookout	823'	1305'	fresh water
Mancos	1305'	2318'	
8 5/8" surface casing	1555'		+ 250' into Mancos
Niobrara	2318'	2980'	
Greenhorn	2980'	3060'	
Graneros	3060'	3106'	
Dakota	3106'	3374'	gas
Morrison	3374'	3873'	fresh water
Junction Creek	3873'	4239'	salt water
Summerville	4239'	4333'	
Todilto	4333'	4345'	
Entrada	4345'	4447'	salt water
Chinle	4447'	5916'	
Cutler	5916'	7505'	
Hermosa	7505'	8628'	
Ismay	8628'	8820'	gas (potentially 100-1580 ppm H ₂ S)
Desert Creek	8820'	8923'	gas (potentially 4-11,900 ppm H ₂ S)
Akah	8923'	9088'	
Upper Barker Creek	9088'		gas (potentially 0-12,000 ppm H ₂ S)
Total Depth	9290'		

Logging Program:

Mud logs - Niobrara to Total Depth
Wireline Logs - AIT, LDT-APS, DSSI, FMI - to Total Depth

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>Fluid Loss</u>
0 - 90'	Air	N/A	N/A	N/A
90 - SCP	Spud	8.4-8.9	40	No Control
SCP-T.Ismay	Fresh Water	8.4-8.6	26-30	No Control
T.Ismay-TD	LSND/Dispersed	8.4-9.0	36-50	Less than 12

Casing Program: (all casing will be new)

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
26"	0' - 90'	16"		Conductor
12 1/4"	0' - 1555'	8 5/8"	24.0#	K-55 LT&C
7 7/8"	0' - 9290'	5 1/2"	17.0#	L-80 LT&C

Tubing Program: 0' - 9290' 2 7/8" tubing

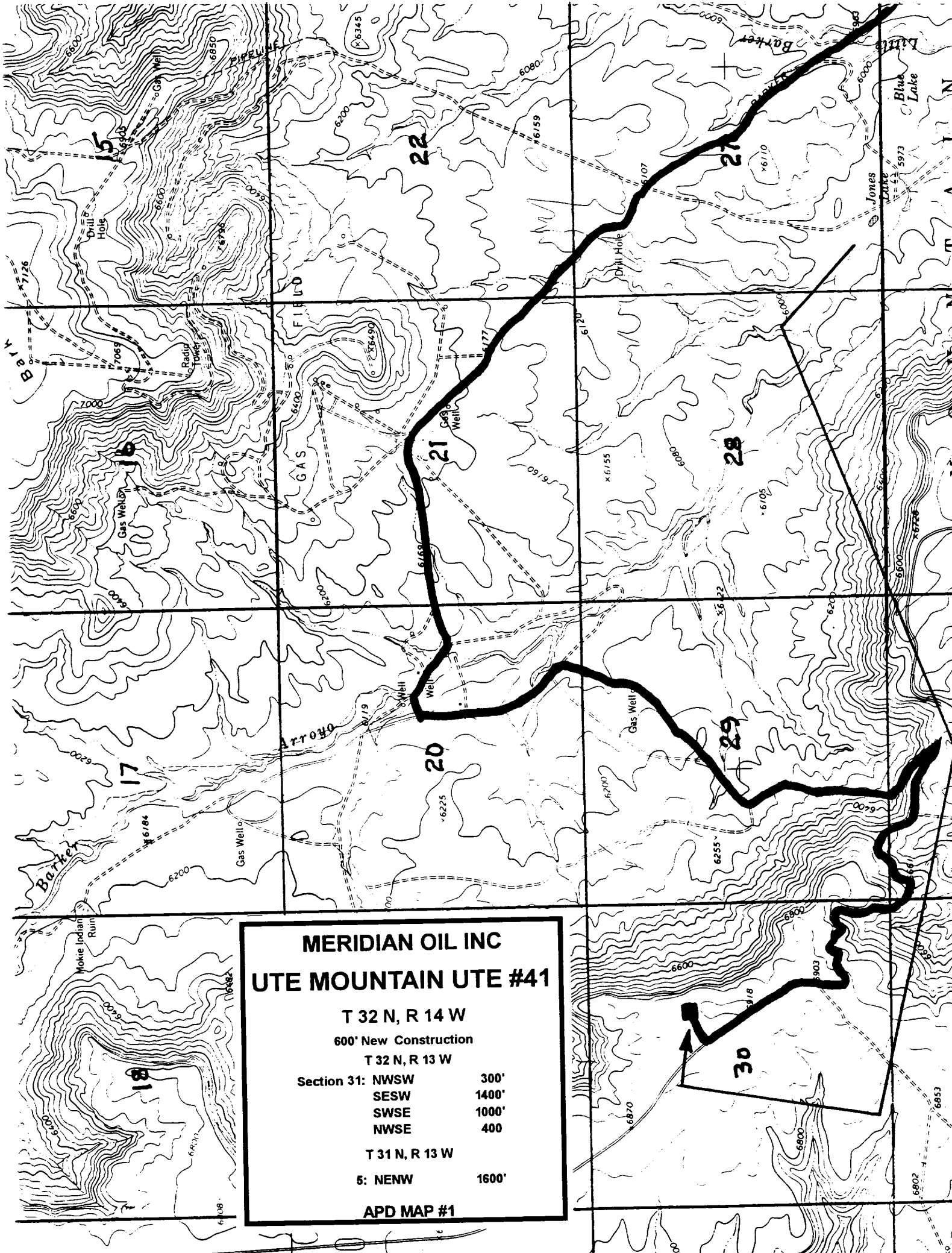
MERIDIAN OIL INC
UTE MOUNTAIN UTE #41
T 32 N, R 14 W
600' New Construction
T 32 N, R 13 W

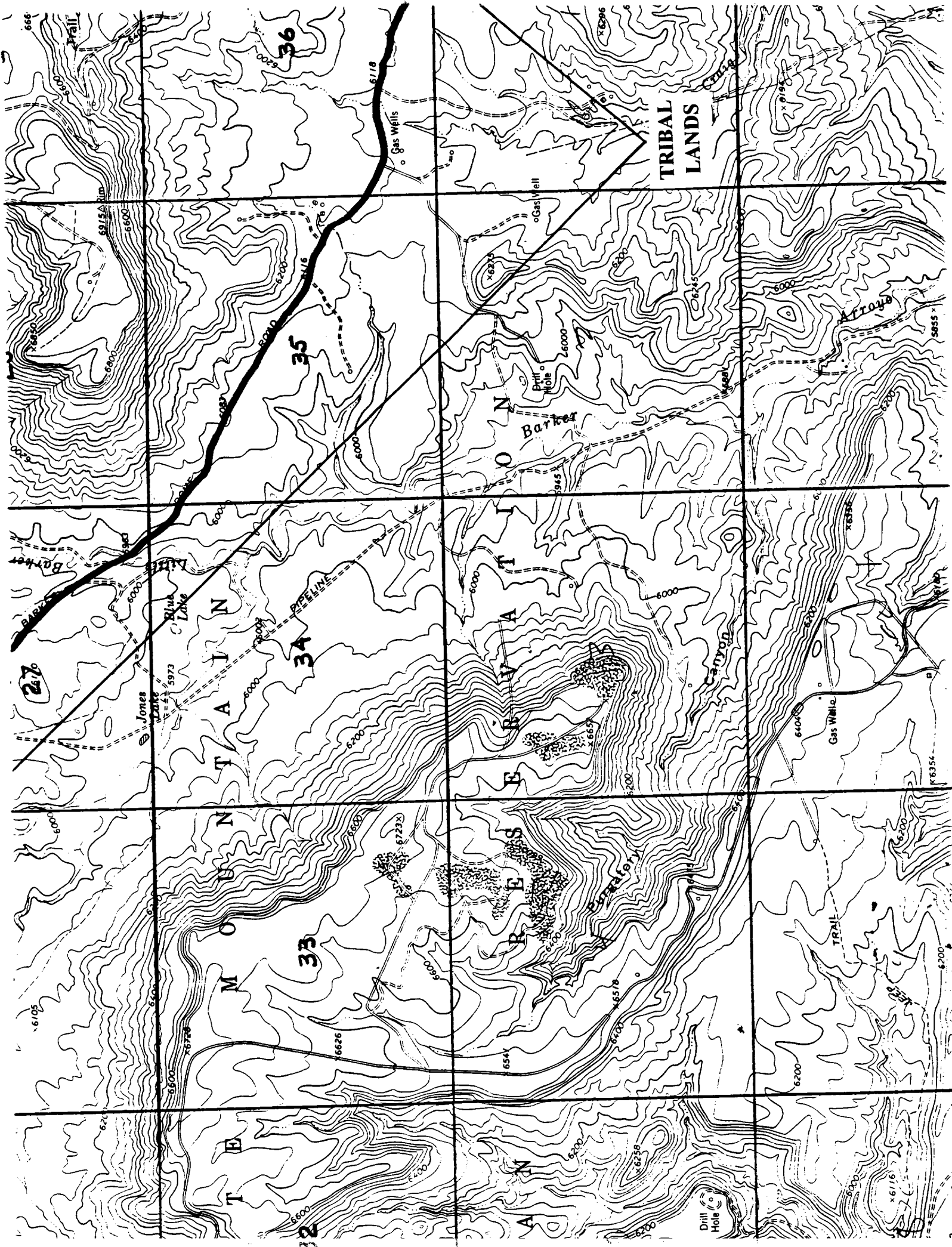
Section 31: NWSW	300'
SESW	1400'
SWSE	1000'
NWSE	400

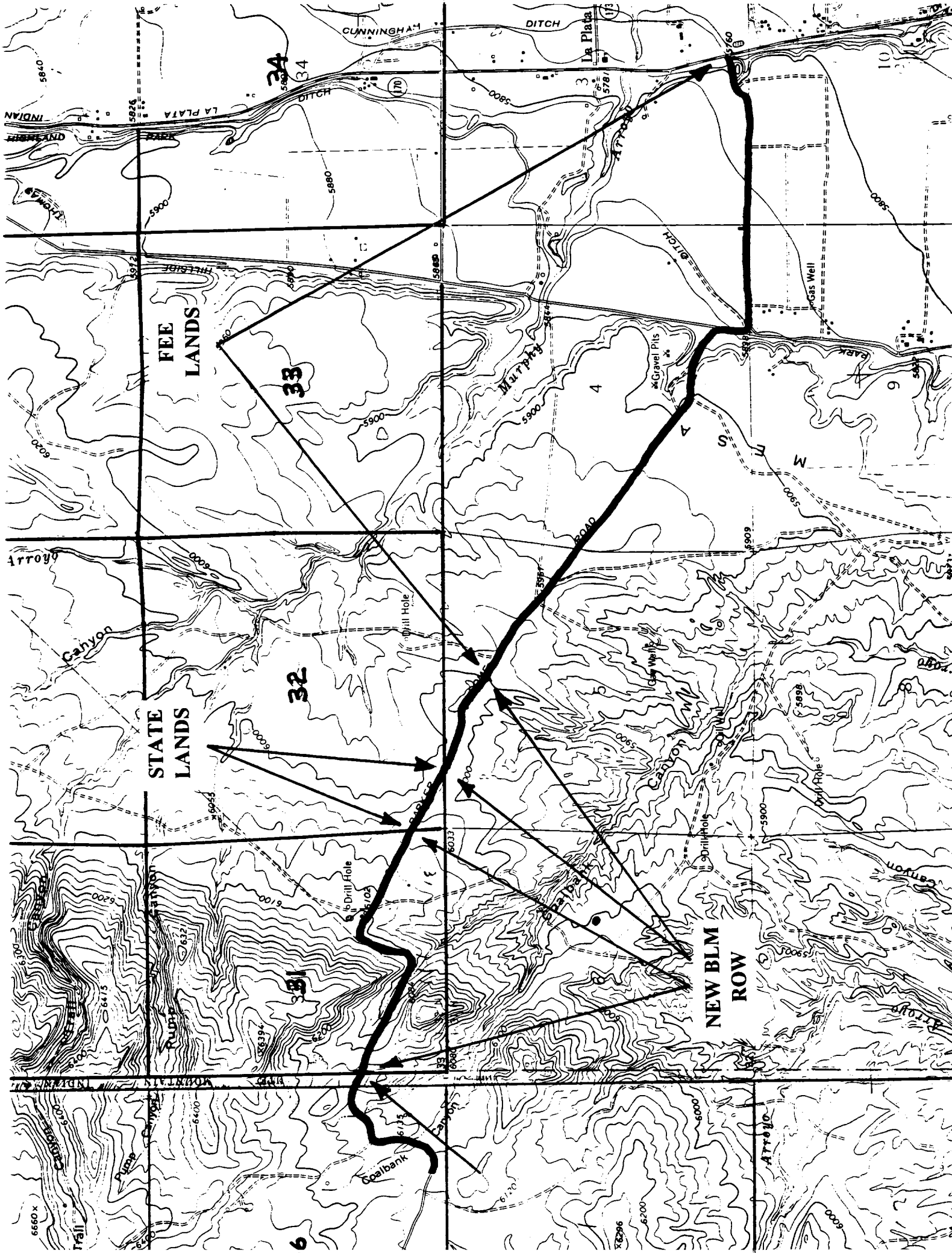
T 31 N, R 13 W

5: NENW	1600'
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APD MAP #1







submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

~~CONFIDENTIAL~~

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
1730' FNL, 1930' FEL, Sec.30, T-32-N, R-14-W, NMPM
NSL-3657

5. Lease Number
I-22-IND-2772
6. If Indian, All. or
Tribe Name
Ute Mountain Ute
7. Unit Agreement Name
8. Well Name & Number
Ute Mountain Ute #41
9. API Well No.
30-045-29355
10. Field and Pool
Barker Dome Desert Creek
11. County and State
San Juan Co, NM

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

Type of Submission	Type of Action
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other - Spud

13. Describe Proposed or Completed Operations

6-27-96 MIRU. Drill 20" hole to 80'. Set 16" conductor pipe @ 80'. Cmted w/7 yds Redi-mix cmt. RD. Rig released.
6-30-96 MIRU. Spud well @ 5:00 p.m. 6-30-96. Drilling ahead.
7-3-96 Drill to 1550'. Circ hole clean. TOOH. TIH w/38 jts 8 5/8" 24.# K-55 ST&C 8RD csg, set @ 1550'. Pump 10 bbl wtr, 10 bbl calcium chloride, 10 bbl super flush & 20 bbl wtr ahead. Cmted w/657 sx Class "B" 65/35 poz w/2% calcium chloride, 6% gel, 5 pps Gilsonite, 0.25 pps Flocele (1163 cu.ft.). Tailed w/100 sx Class "B" neat cmt w/2% calcium chloride, 0.25 pps Flocele (118 cu.ft.). Circ 90 bbl cmt to surface. WOC. NU BOP. PT csg & BOP to 600 psi/30 min, OK. Drilling ahead.

ACCEPTED FOR RECORD

By: DWL 7-22-96
San Juan Resource Area
Bureau of Land Management

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

Signed [Signature] Title Regulatory Administrator Date 7/18/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

RECEIVED
JUL 31 1996

OIL CON. DIV.
DIST. 3

NMOCD

RECEIVED

JUL 19 1996

Bureau of Land Management
Durango, Colorado

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 20 1996

Bureau of Land Management
Durango, Colorado

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~~CONFIDENTIAL~~

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San Juan Co, NM

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Type of Submission

Type of Action

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - CBL

13. Describe Proposed or Completed Operations

8-5-96 MIRU. ND WH. NU BOP. TIH w/5 1/2" csg scraper. Drill up stage tool @ 8425'. Tag up @ 9225'. Drill cmt & clean out to PBTD @ 9265'. Displace hole w/200 bbl 2% Ckl wtr. TOOH w/csg scraper.
8-6-96 Ran CET-CBL-CCL-GR @ 0-9265', TOC @ surface. TIH w/FB pkr, set @ 63'. PT csg to 7000 psi/15 min, OK. TOOH.

ACCEPTED FOR RECORD

Dr. Dyl 9-11-96
San Juan Resource Area
Bureau of Land Management

RECEIVED
SEP 13 1996
OIL CON. DIV.
DIST. 3

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

Signed [Signature] Title Regulatory Administrator Date 8/19/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

RECEIVED