

Comp. _____ ID _____ PB _____

T Gas
R
A
N
S

P
O
O

F. Loc. 1770/N; 1850/E Elev. 5687 GL Spd. _____ Comp. _____ TD _____ PB _____

Casing S. _____ @ _____ W _____ Sx. _____ Int. _____ @ _____ W _____ Sx. _____ Pr. _____ @ _____ W _____ Sx. _____ T. _____ @ _____
 Csg. Perf. _____ Prod. Stim. _____

T Gas
R
A
N
S

BO/D _____ Grav. _____ 1st Del. Gas _____
 I.P. _____ MCF/D After _____ Hrs. SICP _____ PSI After _____ Days GOR _____ 1st Del. Oil _____

TOPS		NITD	X	Well Log	TEST DATA						
Ojo Alamo		C-103		Plat X	Schd.	PC	Q	PW	PD	D	Ref. No.
Kirtland		C-104		Electric Log							
Fruitland				C-122							
Pictured Cliffs		Ditr		Dfa							
Chacra		Datr		Dac							
Cliff House											
Menefee											
Point Lookout											
Mancos											
Gallup											
Greenhorn											
Dakota											
Entrada											
		Acres 160									

P
o
o

NMSF-079734 et al. (WC)
3162.3-1.0 (07337)

JUN 29 1994

Mr. John Caldwell
Meridian Oil Incorporated
P. O. Box 4289
Farmington, New Mexico 87499-4289

Dear Mr. Caldwell:

Enclosed are your Applications for Permits to Drill (APD's) the wells listed on the enclosed list. Due to no reports of drilling operations commencing prior to expiration, the subject APD's have expired and are returned. Any expired APD may be resubmitted at any time when definite drilling plans are formulated.

You are required to request surface rehabilitation instructions from this office if construction activities have occurred on any of the proposed drill sites. If this office does not receive comment within 30 days, it will be presumed that no construction occurred. Later discovery that construction activities have occurred, may result in assessment of liquidated damages.

Sincerely,

Chip Haraden

for Ken Townsend
Chief, Branch of Drilling
and Production

Enclosures

1. List of APD's
2. 13 APD's

cc:
New Mexico Oil Conservation Division,
1000 Rio Brazos Rd., Aztec, NM 87410 w/list

RECEIVED
JUL 05 1994
OIL CON. DIV.
DIST. 3

Expired APD's

Meridian Oil Incorporated

<u>Number/Name/Expiration Date</u>	<u>Location/Lease No</u>
✓ 445 San Juan 28-6 Unit Expired: May 20, 1993	1210' FSL & 1170' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$) Section 36, T. 28 N., R. 6 W., Rio Arriba County, New Mexico Federal Lease No. NMSF-079734
✓ 318 San Juan 27-4 Unit Expired: May 16, 1993	2510' FNL & 1310' FEL (SE $\frac{1}{4}$ NE $\frac{1}{4}$) Section 11, T. 27 N., R. 4 W., Rio Arriba County, New Mexico Federal Lease No. NMSF-080671-A
✓ 3-A Quinn Expired: July 3, 1993	1820' FNL & 1455' FWL (SE $\frac{1}{4}$ NW $\frac{1}{4}$) Section 17, T. 31 N., R. 8 W., San Juan County, New Mexico Federal Lease No. NMSF-078511-A
✓ 303 Sims Federal Expired: January 16, 1993	2240' FSL & 1430' FWL (NE $\frac{1}{4}$ SW $\frac{1}{4}$) Section 2, T. 30 N., R. 4 W., Rio Arriba County, New Mexico Federal Lease No. NMSF-079482
✓ 301 Huerfano Unit Expired: July 26, 1993	1700' FNL & 1850' FWL (SE $\frac{1}{4}$ NW $\frac{1}{4}$) Section 4, T. 26 N., R. 10 W., San Juan County, New Mexico Federal Lease No. NMNM-0396
✓ 2R Sunray G Expired: July 30, 1992	995' FNL & 1755' FEL (SW $\frac{1}{4}$ SE $\frac{1}{4}$) Section 21, T. 31 N., R. 9 W., San Juan County, New Mexico Federal Lease No. NMSF-078386-A
✓ 566 San Juan 29-7 Unit Expired: September 31, 1993	1590' FNL & 955' FEL (SE $\frac{1}{4}$ NE $\frac{1}{4}$) Section 27, T. 29 N., R. 7 W., Rio Arriba County, New Mexico Federal Lease No. NMSF-078424
✓ 527 San Juan 29-7 Unit Expired: April 13, 1994	1595' FNL & 1850' FEL (SW $\frac{1}{4}$ NE $\frac{1}{4}$) Section 21, T. 29 N., R. 7 W., Rio Arriba County, New Mexico Federal Lease No. NMSF-078424
✓ 306 Huerfano Unit Expired: September 23, 1993	1455' FSL & 1550' FWL (NE $\frac{1}{4}$ SW $\frac{1}{4}$) Section 35, T. 27 N., R. 10 W., San Juan County, New Mexico Federal Lease No. NMSF-079917
✓ 37 Vaughn Expired: April 1, 1993	1190' FSL & 790' FEL (SE $\frac{1}{4}$ SE $\frac{1}{4}$) Section 29, T. 26 N., R. 6 W., Rio Arriba County, New Mexico Federal Lease No. NMSF-079266

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JUL 05 1994
OIL CON. DIV.
DKT. 3

ABANDONED LOCATION

✓ 233 San Juan 28-5 Unit
Expired: March 15, 1994

790' FSL & 1125' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$)
Section 14, T. 28 N., R. 5 W.,
Rio Arriba County, New Mexico
Federal Lease No. NMSF-080516

✓ 100 Rhodes B
Expired: March 19, 1994

1770' FNL & 1850' FEL (SW $\frac{1}{4}$ NE $\frac{1}{4}$)
Section 20, T. 28 N., R. 11 W.,
San Juan County, New Mexico
Federal Lease No. NMSF-080844

✓ 7A Seymour
Expired: March 30, 1994

425' FSL & 790' FEL (SE $\frac{1}{4}$ SE $\frac{1}{4}$)
Section 23, T. 31 N., R. 9 W.,
San Juan County, New Mexico
Federal Lease No. NMNM-03601

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAR 22 1993
OIL CON. DIV.
DIST. 13

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-045-28937 ✓

1a. Type of Work DRILL	5. Lease Number SF-080844
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL, Inc. 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 Rhodes B - 13574 9. Well Number 100
4. Location of Well 1770' FNL, 1850' FEL Latitude 36° 39' 00", Longitude 108° 01' 26"	10. Field, Pool, Wildcat 71629 Basin Fruitland Coal/ 719680 W. Kutz Pic. Cliffs EXT 11. Sec., Twn, Rge, Mer. G Sec 20, T28N, R11W NMPM
14. Distance in Miles from Nearest Town 4 miles from Bloomfield, NM	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1770'	13. State NM
16. Acres in Lease 1911.240 ac.	17. Acres Assigned to Well 320/160 E/2 NE 1/4
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'	19. Proposed Depth 1850'
20. Rotary or Cable Tools Rotary	21. Elevations (DF, FT, GR, Etc.) 5687' GR
22. Approx. Date Work will Start 2nd quarter 1993	23. Proposed Casing and Cementing Program See Operations Plan attached
24. Authorized by:  Regional Drilling Engineer	Date 3/3/93

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted
Threatened and Endangered Species Report submitted

APPROVED
AS AMENDED

MAR 19 1993

DISTRICT MANAGER

NM000

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

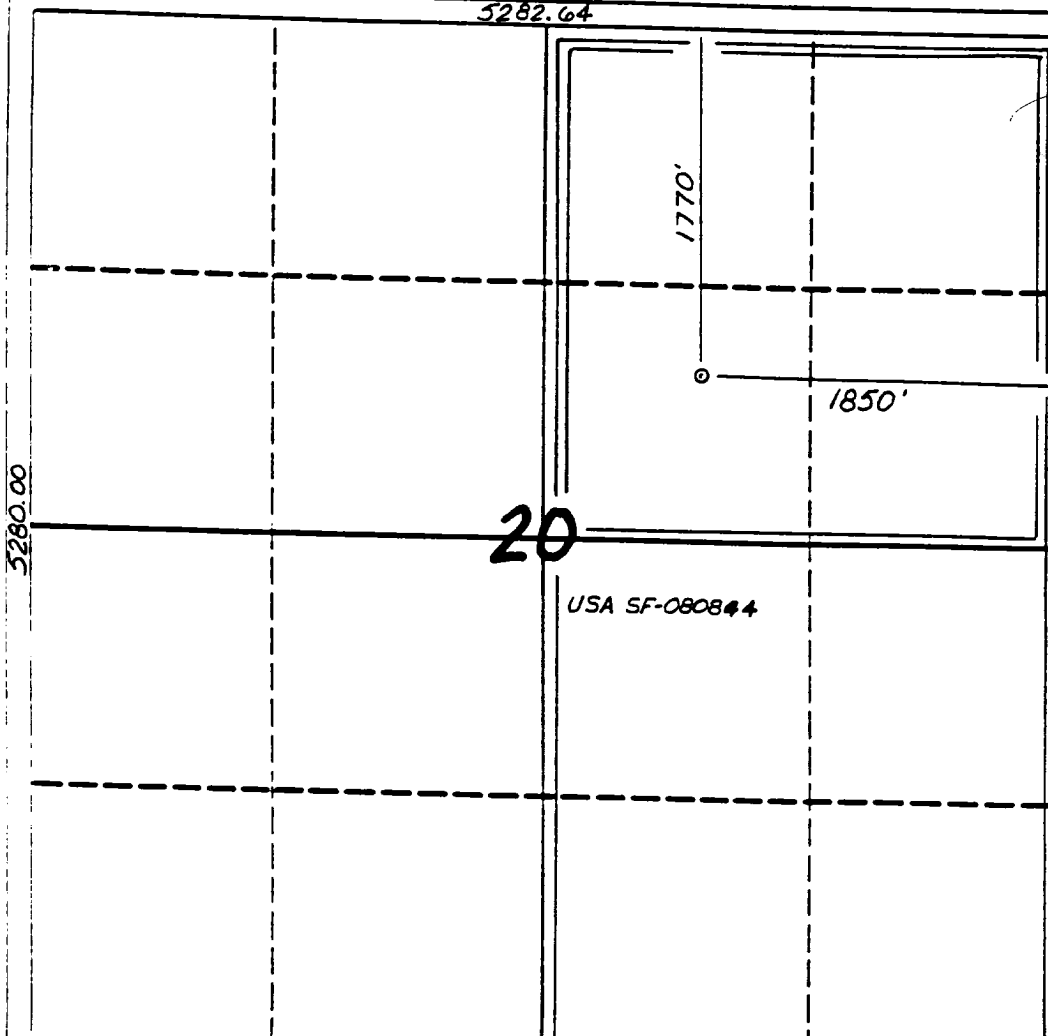
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator		Lease	
Meridian Oil Inc.		Rhodes B	
Unit Later	Section	Township	Range
C	20	28 North	11 West
County		San Juan	
Actual Footage Location of Well:			
1770	feet from the	North	line and
1850	feet from the	East	line
Ground level Elev.	Producing Formation	Pool	Dedicated Acreage
5687'	Fruitland Coal/Pic. Cliffs	Basin/West Kutz	320/160 Acres

- Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by commutation, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable well be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a non-standard unit, obtaining such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Meridian Oil Inc.

Company

Date

SURVEYOR CERTIFICATION

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

12-01-92

Date Surveyed

Neal G. Edwards

Signature
Professional Surveyor

93357

OPERATIONS PLAN

Well Name: Rhodes B #100
Location: 1770'FNL, 1850'FEL Section 20, T-28-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 39' 00", Longitude 108° 01' 26"
Formation: Basin Fruitland Coal/West Kutz Pictured Cliffs
Elevation: 5687'GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	455'	
Ojo Alamo	455'	572'	aquifer
Kirtland	572'	1349'	
Fruitland	1349'	1616'	
Fruitland Coal Top	1483'	1608'	gas & salt water
Pictured Cliffs	1856'		gas & salt water
Total Depth	1850'		

Logging Program: Mud logs from 1300' to Total Depth.
 DIL, CNL-LDT from surface to Total Depth.
 HRD, NGT from 1300' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-1850'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-40
7 7/8"	0 - 1850'	4 1/2"	10.5#	K-55

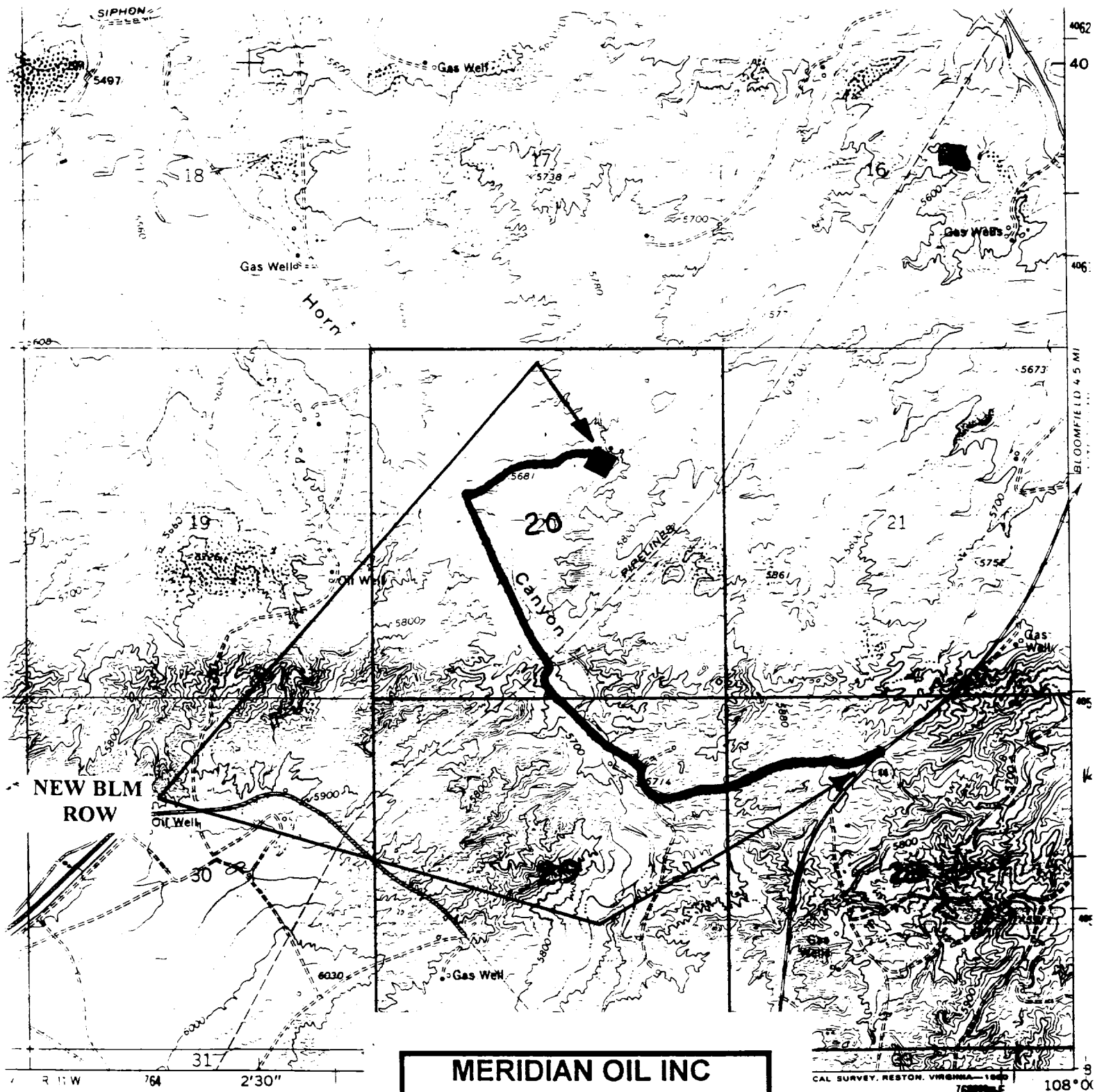
Tubing Program:

0 - 1850'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Seven centralizers run every 3rd joint to the base of the Ojo Alamo @ 572'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 572'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembly.



MERIDIAN OIL INC

RHODES B #100

T 28 N, R 11 W

No New Construction

Section 20:	SWNE	900'
	SENE	1800'
	E2SW	3300'
	SWSE	400'
29:	N2NE	2000'
	SENE	1400'
28:	SWNW	100'
	N2NW	2300'

APD MAP #1

AD CLASSIFICATION

Light-duty	=====
Unimproved dirt	=====
State Route	-----
J. S. Route	-----

HORN CANYON, N. MEX.

N3637.5-W1080947.5

1965

PHOTOREVISED 1979

DMA 4357 II NE-SERIES V881

RS
29

STANDARDS
FOR RESTON, VIRGINIA 22092 -
AVAILABLE ON REQUEST