

RECEIVED
JAN 30 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CON. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 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 13574 Rhodes B 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 Ft Coal/ 79620 W. Kutz Pic. Cliffs EXT 11. Sec., Twn, Rge, Mer. (NMPM) G Sec 20, T-28-N, R-11-W API # 30-045-28937 30-045-29217
14. Distance in Miles from Nearest Town 4 miles from Bloomfield, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1770'	
16. Acres in Lease 1911.24	17. Acres Assigned to Well 320/160 E/2 NE/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. Appox. Date Work will Start 1st quarter 1995
23. Proposed Casing and Cementing Program See Operations Plan attached This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u>[Signature]</u> Regional Drilling Engineer	Date <u>1/3/95</u>

PERMIT NO. _____

APPROVAL DATE 1/3/95
AS AMENDED

APPROVED BY _____

TITLE _____

DATE _____

NOTE: APD submitted for this well 03-03-93, approved 03-19-93, and rescinded 06-19-93
Archaeological Report submitted by Arboles Contract Archaeology Technical Report #187 dated 2-12-93
Threatened and Endangered Species Report submitted by Ecosystem Control dated 02-09-93
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

FARMINGTON DISTRICT OFFICE

BY _____

NMOCD

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-102
Revised February 21, 1994
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 30-045-29217	Pool Code 71629/79680	Pool Name Basin Fruitland Coal/West Kutz Pictured Cliffs
Property Code 13574	Property Name Rhodes B	Well Number 100
OGRID No. 14538	Operator Name MERIDIAN OIL INC.	Elevation 5687'

10 Surface Location

UL or lot no. G	Section 20	Township 28 N	Range 11 W	Lot Idn	Feet from the 1770	North/South line North	Feet from the 1850	East/West line East	County S.J.
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres e/320-160	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

16	5282.64'	17 OPERATOR CERTIFICATION
DECEIVED JAN 30 1995 OIL CON. DIV. DIST. 3	1770'	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
5280.00	1850'	Signature Peggy Bradfield
20	USA SF-080844	Printed Name Peggy Bradfield
		Title Regulatory Affairs
		Date 1-3-95
		18 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
		Date of Survey 10-1-94
		Signature and Seal of Registered Surveyor 6857
		Certificate Number 6857

5283.96'

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/W. Kutz Pictured Cliffs
Elevation: 5687'GL

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

Logging Program: Mud logs from 1300' to Total Depth.
 DIL, CNL-LDT from surface to TD.
 NRD, 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-55 ST&C
7 7/8"	0 - 1850'	4 1/2"	10.5#	K-55

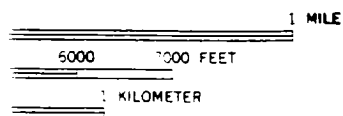
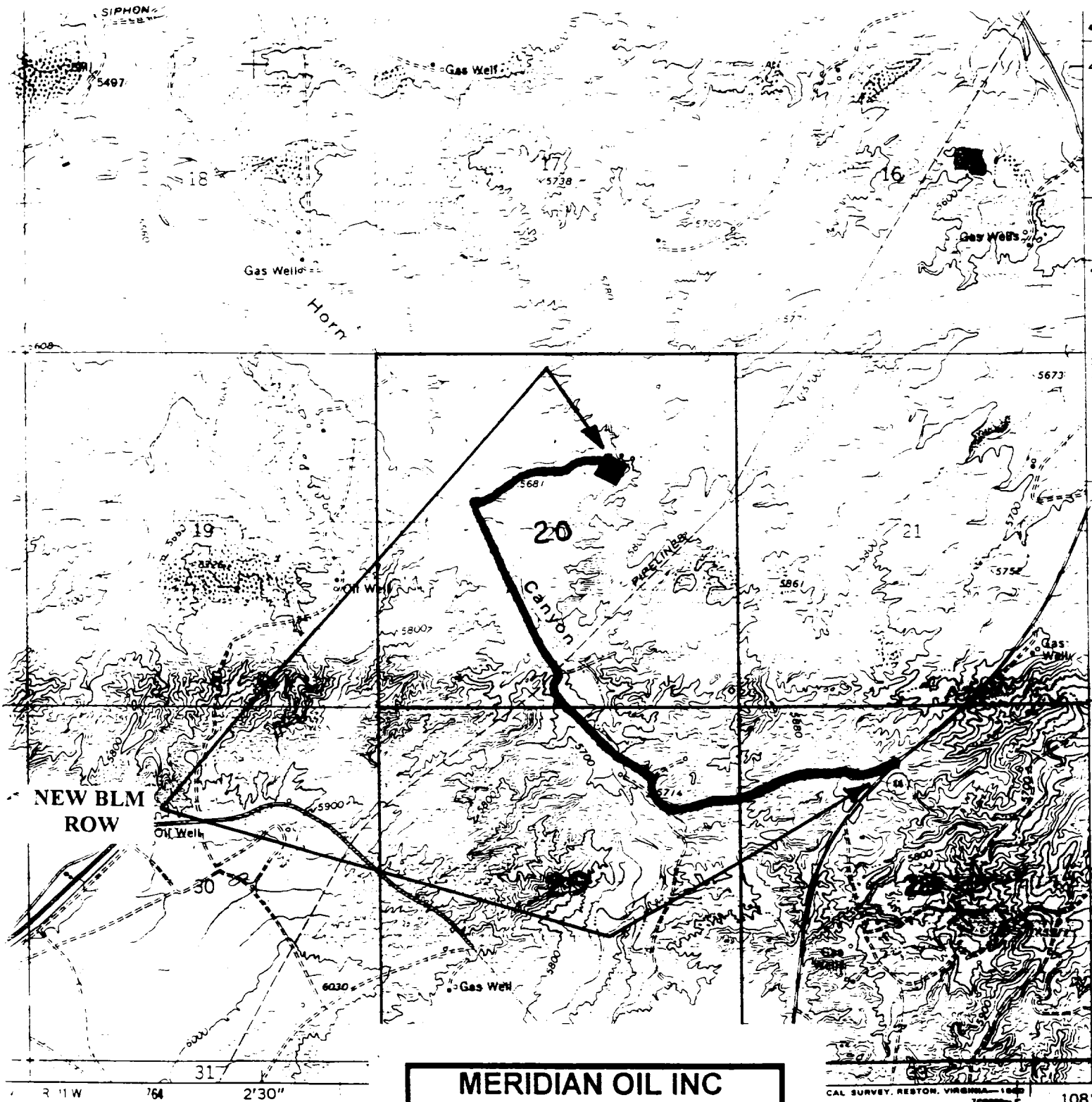
Tubing Program:

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. Four 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" 2000 psi xmas tree assembly.



RS
29

STANDARDS
OR RESTON, VIRGINIA 22092 -
TABLE ON REQUEST

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:	S2NW	100'
	N2NW	2300'

APD MAP #1

AD CLASSIFICATION

Light-duty
Unimproved dirt
State Route
U. S. Route

HORN CANYON, N. MEX.

N3637.5 - W1000047.5

1965

PHOTOREVISED 1979

DMA 4357 II NE-SERIES V881

