

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 30 1995

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 101	
4. Location of Well 1850'FSL, 1735'FWL Latitude 36° 38' 44", Longitude 108° 01'46"	10. Field, Pool, Wildcat 71629 Basin Ft Coal/ 79680 W. Kutz Pic. Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) K Sec 20, T-28-N, R-11-W API # 30-045-29211	
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 1735'	17. Acres Assigned to Well 320/160 W/2 SW/4	
16. Acres in Lease 1911.24		
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.) 5659'GR	22. Approx. 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 3105.3 and appeal pursuant to 43 CFR 3105.4	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 _____

APPROVED BY _____

TITLE _____

DATE _____

Archaeological Report submitted by Arboles Contract Archaeological Report #188 dated 1/18/95
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED
JAN 24 1995
DISTRICT MANAGER
NMOC

ACCEPTED FOR RECORD
JAN 24 1995
FARMINGTON DISTRICT OFFICE
BY _____

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 <i>30-045-29211</i>	Pool Code 71629/79680	Pool Name Basin Fruitland Coal/West Kutz Pictured Cliffs
Property Code 13574	Property Name Rhodes B	Well Number 101
OGRID No. 14538	Operator Name MERIDIAN OIL INC.	Elevation 5659'

¹⁰ Surface Location

UL or lot no. K	Section 20	Township 28 N	Range 11 W	Lot Idn	Feet from the 1850	North/South line South	Feet from the 1735	East/West line West	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 w/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

5280.00'	16	5282.64'	5280.00'
	USA SF-080844	RECEIVED JAN 30 1995 OIL CON. DIV. DIST. 3	
5280.00'	20	USA SF-080844	5280.00'
	1735'	1850'	
5283.96'		18	

¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Peggy Bradford
Signature
Peggy Bradford
Printed Name
Regulatory Affairs
Title
1-3-95
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 me or under my supervision, and that the same is true and correct to the best of my knowledge and belief

10-1-94
Date of Survey
Signature and Seal of Registered Land Surveyor
6857
Certificate Number

OPERATIONS PLAN

Well Name: Rhodes B #101
Location: 1850' FSL, 1735' FWL Section 20, T-28-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 38' 44", Longitude 108° 01' 46"
Formation: Basin Fruitland Coal/W. Kutz Pictured Cliffs
Elevation: 5659' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	433'	
Ojo Alamo	433'	506'	aquifer
Kirtland	506'	1311'	
Fruitland	1311'	1576'	
Fruitland Coal Top	1414'	1570'	gas
Pictured Cliffs	1576'		gas
Total Depth	1850'		

Logging Program: Mud logs from 1250' to Total Depth.
 DIL, CNL-LDT from surface to TD.
 NRD, NGT from 1250' 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	nc 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

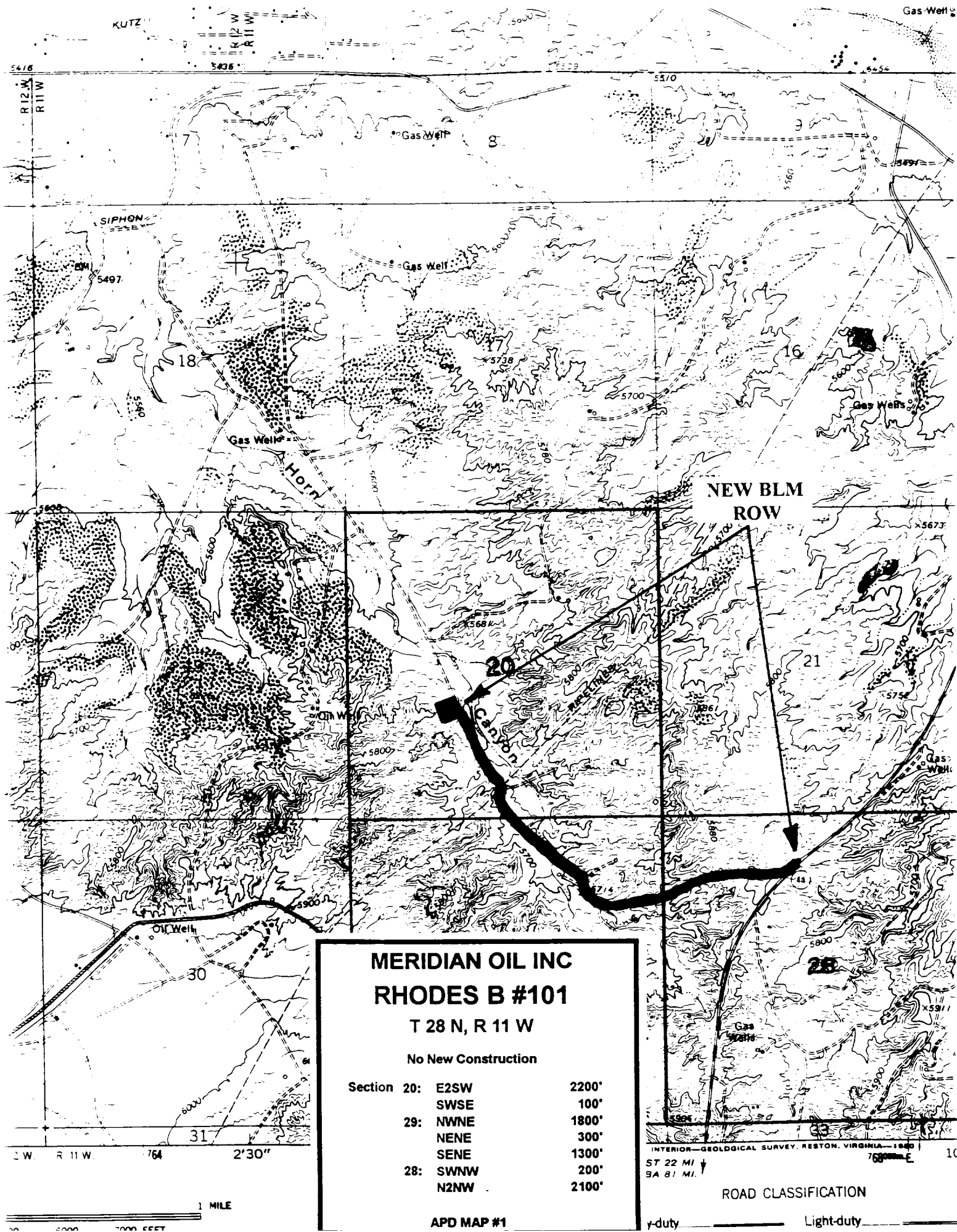
Tubing Program:

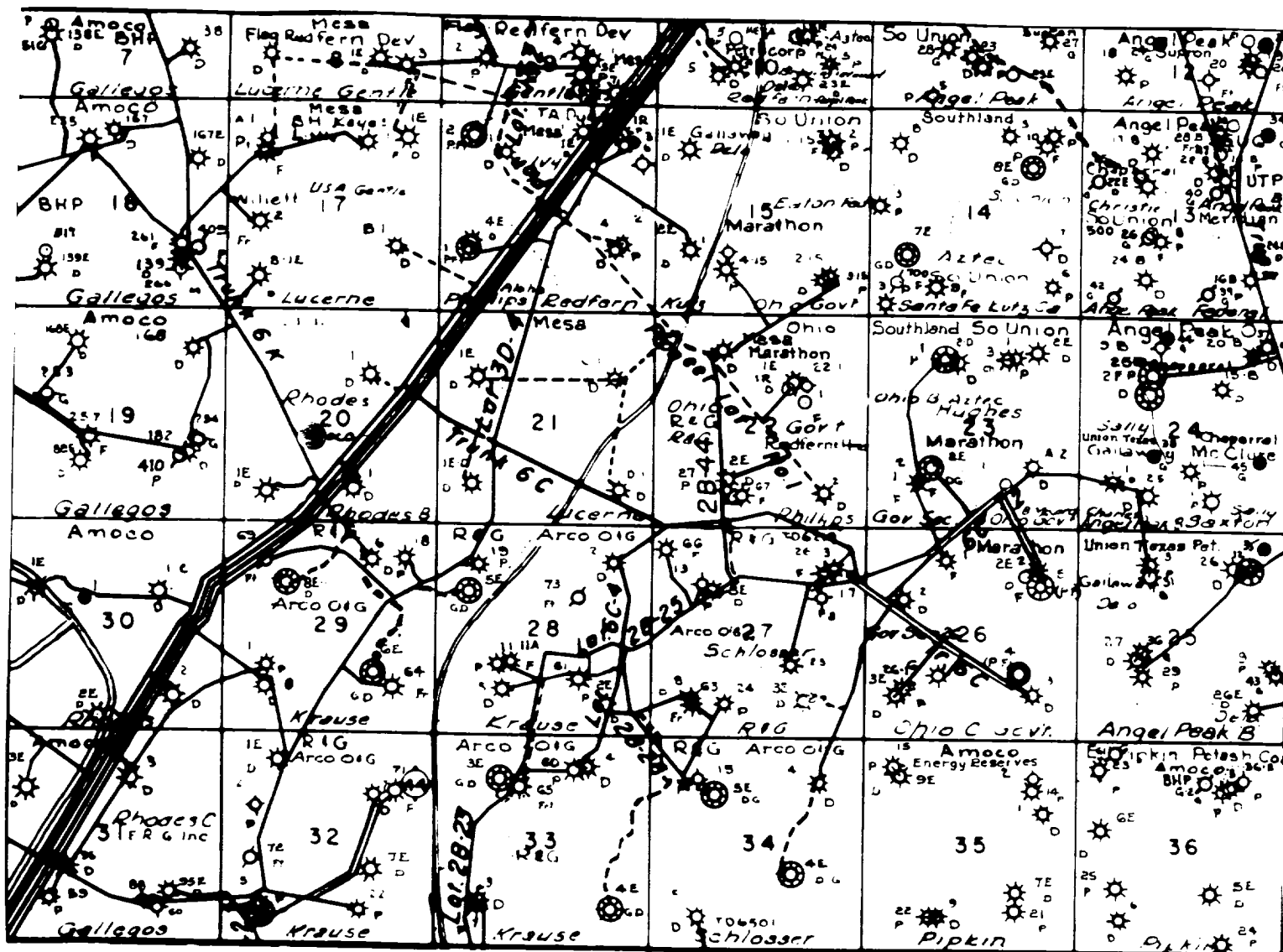
0 - 1850'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

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 @ 506'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 506'. 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.





MERIDIAN OIL INC.
 Pipeline Map
 T-28-N, R-11-W
 San Juan County, New Mexico
 Rhodes B #101
 Map #1A