

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-045-29153

070 PARTIAL A 1M

1a. Type of Work DRILL	RECEIVED AUG 18 1994	5. Lease Number SF-077329
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL 14538	OIL CON. DIV. DIST. 3	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Cm Morris, E.M. 7327 9. Well Number 100
4. Location of Well 1340' FNL, 1405' FEL Latitude 36° 35' 34", Longitude 107° 52' 41"		10. Field, Pool, Wildcat Basin Ft Coal/ 71629 Fulcher Kutz PC 77200 11. Sec., Twn, Rge, Mer. G Sec 10, T-27-N, R-10-WL NMPM
14. Distance in Miles from Nearest Town 7 miles to Bloomfield, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1340'		
16. Acres in Lease 1480.00	17. Acres Assigned to Well E/2 320; NE/4 160	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 200'		
19. Proposed Depth 2350'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6240' GR	22. Approx. Date Work will Start 4th quarter 1993	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regional Drilling Engineer	Date: 10/21/93	

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report to be submitted
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**

AUG 16 1994


DISTRICT MANAGER

1156-3417
Held COT for NGL
2-10-94 NGL #1 12 1994

Submit to Assessor
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
Form C-182
Revised 1-1-89
BLM

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

09 OCT 89 AM 9:32

070 FILLMORE, NM

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer 00, Aramis, NM 88210

DISTRICT III

1000 Rio Arriba St., Alamogordo, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease C.M. Morris		Well No. 100
Unit Letter G	Section 10	Township 27 North	Range 10 West	County San Juan
Actual Footage Location of Well: 1340 feet from the North line and 1405 feet from the East line				
Ground Level Elev. 6240'	Producing Formation Fruitland Coal/Pictured Cliffs	Foot 71629	Basin/Fulcher Kutz	Dedicated Acreage 320/160 Acres

- Outline the acreage dedicated to the subject well by corner point or section marks 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 their descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allocation will be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a non-allocated unit, encompassing 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.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Representative

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.

10-2-93

Date Surveyed

Neale W. Edwards
Signature

Professional Surveyor

9857

OPERATIONS PLAN

Well Name: C. M. Morris #100
Location: 1340'FNL, 1405'FEL Section 10, T-27-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 35' 34", Longitude 107° 52' 41"
Formation: Basin Fruitland Coal/Fulcher Kutz Pictured Cliffs
Elevation: 6240'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1174'	
Ojo Alamo	1174'	1299'	aquifer
Kirtland	1299'	1716'	
Fruitland	1716'	2144'	
Fruitland Coal Top	1992'	2140'	gas
Pictured Cliffs	2144'		gas
Total Depth	2350'		

Logging Program: Mud logs from 1650' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 1650' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-2350'	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 - 2350'	4 1/2"	10.5#	K-55

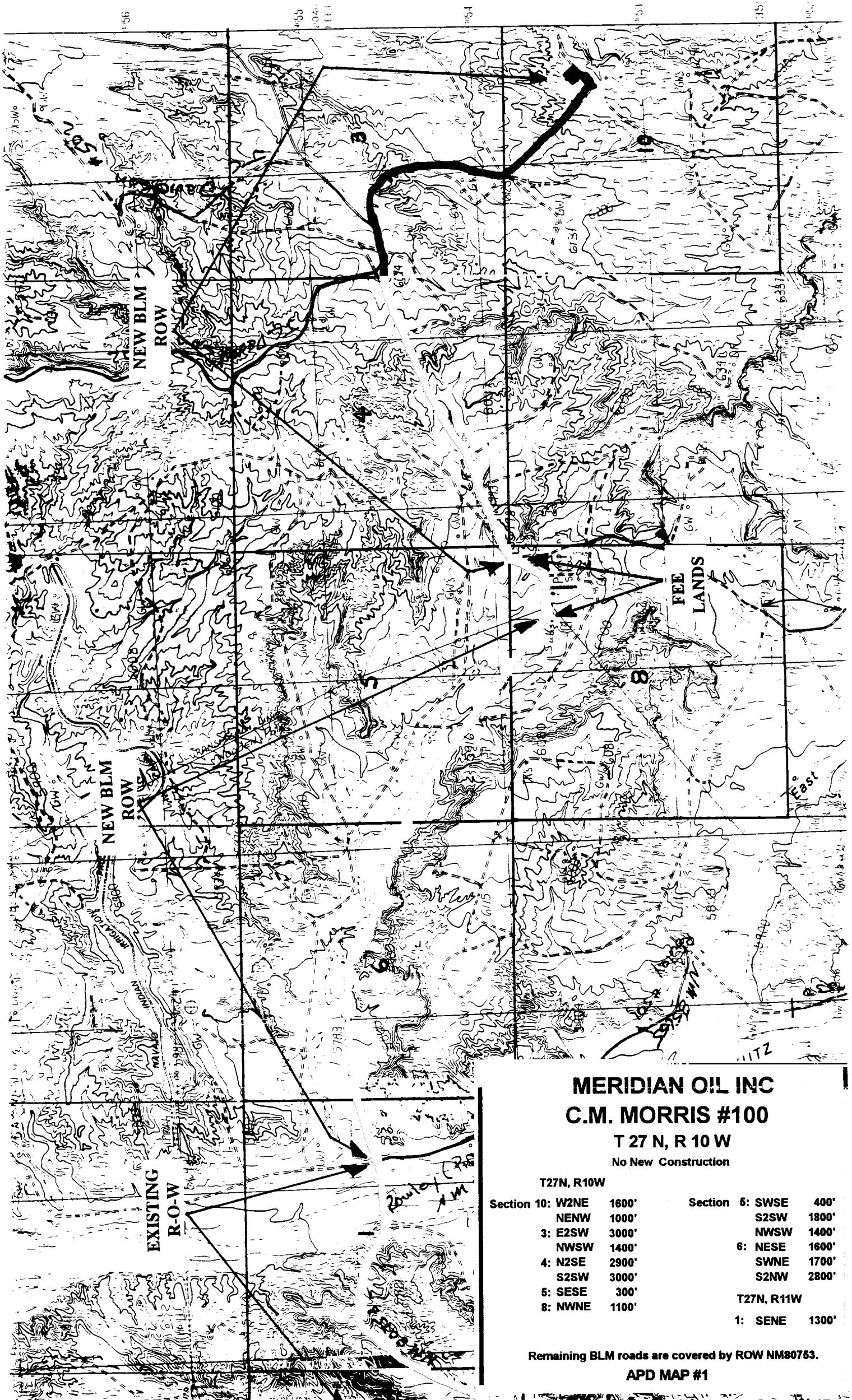
Tubing Program:

0 - 2350'	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 @ 1299'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1299'. 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
C.M. MORRIS #100

T 27 N, R 10 W
No New Construction

T27N, R10W					
Section 10:	W2NE	1600'	Section 5:	SWSE	400'
	NENW	1000'		S2SW	1800'
	3: E2SW	3000'		NWSW	1400'
	NWSW	1400'		6: NESE	1600'
	4: N2SE	2900'		SWNE	1700'
	S2SW	3000'		S2NW	2800'
	5: SESE	300'			
	8: NWNE	1100'			
T27N, R11W					
			1: SENE	1300'	

Remaining BLM roads are covered by ROW NM80753.
APD MAP #1