

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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30-045-28932

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK ~~NO~~ FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-077941A
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 McAdams 7295 9. Well Number 500
4. Location of Well 790' FNL, 1010' FEL Latitude 36° 33' 05", Longitude 107° 53' 42"	10. Field, Pool, Wildcat Basin Fruitland Coal ✓ 71629 Fulcher Kutz Pic. Cliffs ✓ 77200 11. Sec., Twn, Rge, Mer. A Sec. 28, T27N, R10W NMPM
14. Distance in Miles from Nearest Town 13 miles S. of Bloomfield	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1185'	17. Acres Assigned to Well E/320/160 ✓
16. Acres in Lease 1280 This action is subject to technical and procedural review pursuant to 43 CFR 3100.2 and appeal pursuant to 43 CFR 3186.4.	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 300'	
19. Proposed Depth 2125'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6131' GR	22. Approx. Date Work will Start March 93
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Regional Drilling Engineer	RECEIVED MAR 1 5 1993 OIL CON. DIV. 1 DIST. 3 Date 2/8/93

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

**APPROVED
AS AMENDED**

Archaeological Report submitted 10-26-90
APD approved 1991 for this well, expired Jan 1993.
NOTE: This format is issued to lieu of U.S. BLM Form 3160-3

NMOCD

MAR 09 1993

AREA MANAGER

Schedule to Assignment
District Office
State Lease - 4 copies
Fee Lease - 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

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

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

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

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070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

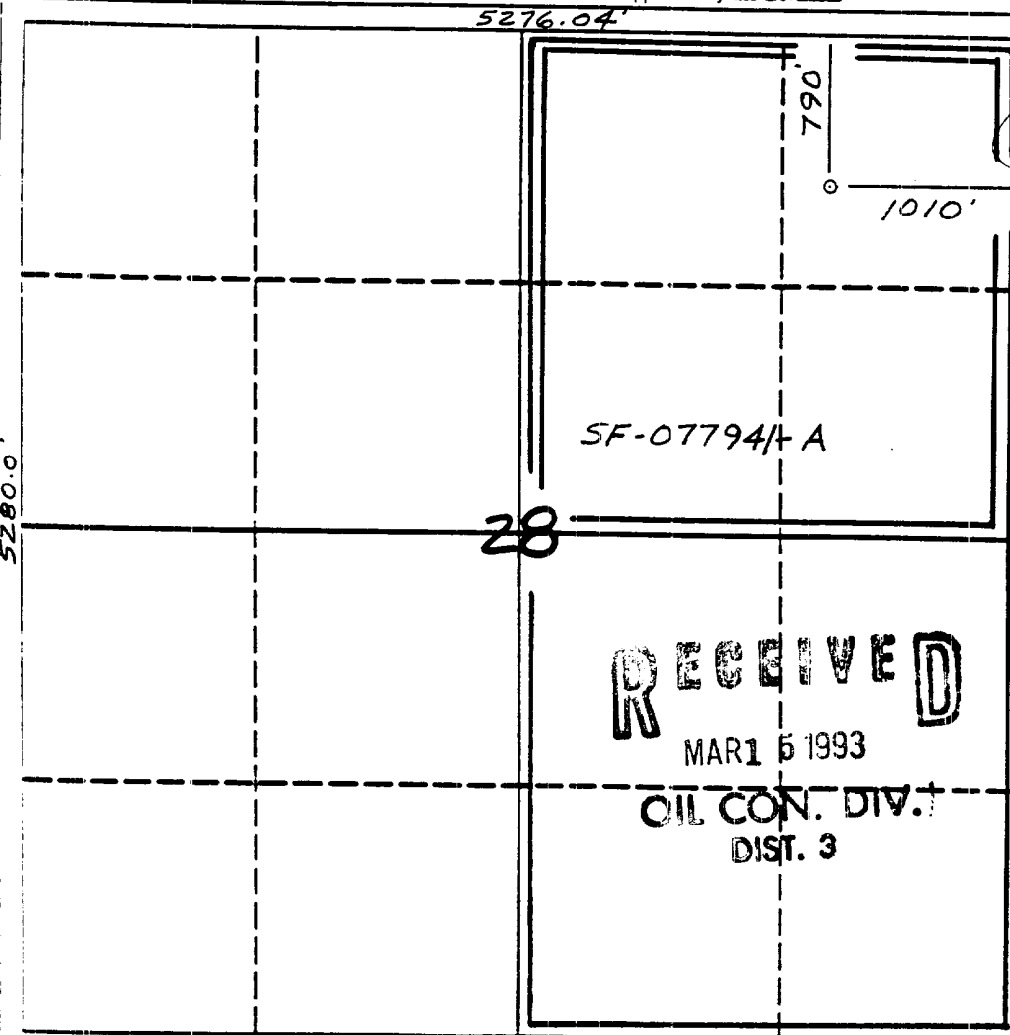
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease McAdams		Well No. 500
Unit Letter A	Section 28	Township 27 North	Range 10 West	County San Juan

Actual Footage Location of Well:
790 feet from the North line and 1010 feet from the East line

Ground level Elev. 6131'	Producing Formation Fruitland Coal/Pic. Cliffs	Pool Basin/Fulcher Kutz	Dedicated Acreage: 320/160 Acres
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- 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 communitization, 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 will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating 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: Peggy Bradfield
Position: Regulatory Affairs
Company: Meridian Oil Inc.
Date: 2-4-93

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 Surveyed: 2-2-93
Signature: C. EDWARDS
Professional Surveyor
Certificate No. 6857

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000

OPERATIONS PLAN

Well Name: McAdams #500
Location: 790'FNL, 1010'FEL, Section 28, T-27-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 33' 05", Longitude 107° 53' 42"
Formation: Basin Fruitland Coal/Fulcher Kutz Pictured Cliffs
Elevation: 6131'GL

Formation Tops:	Top	Bottom	Contents
Surface	Nacimientos	881'	
Ojo Alamo	881'	1018'	aquifer
Kirtland	1018'	1643'	
Fruitland	1643'	1897'	
Fruitland Coal Top	1726'	1894'	gas
Pictured Cliffs	1897'	2125'	salt water & gas
Total Depth	2125'		

Logging Program: HR Dens, NGT, Mud logs from 1600' to Total Depth.
 DIL, CNL-LDT

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0-200'	Spud	8.4-8.9	40-50	no control
200-2125'	Non-dispersed	8.4-9.1	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' - 2125'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 2125'	2 3/8"	4.7#	J-55
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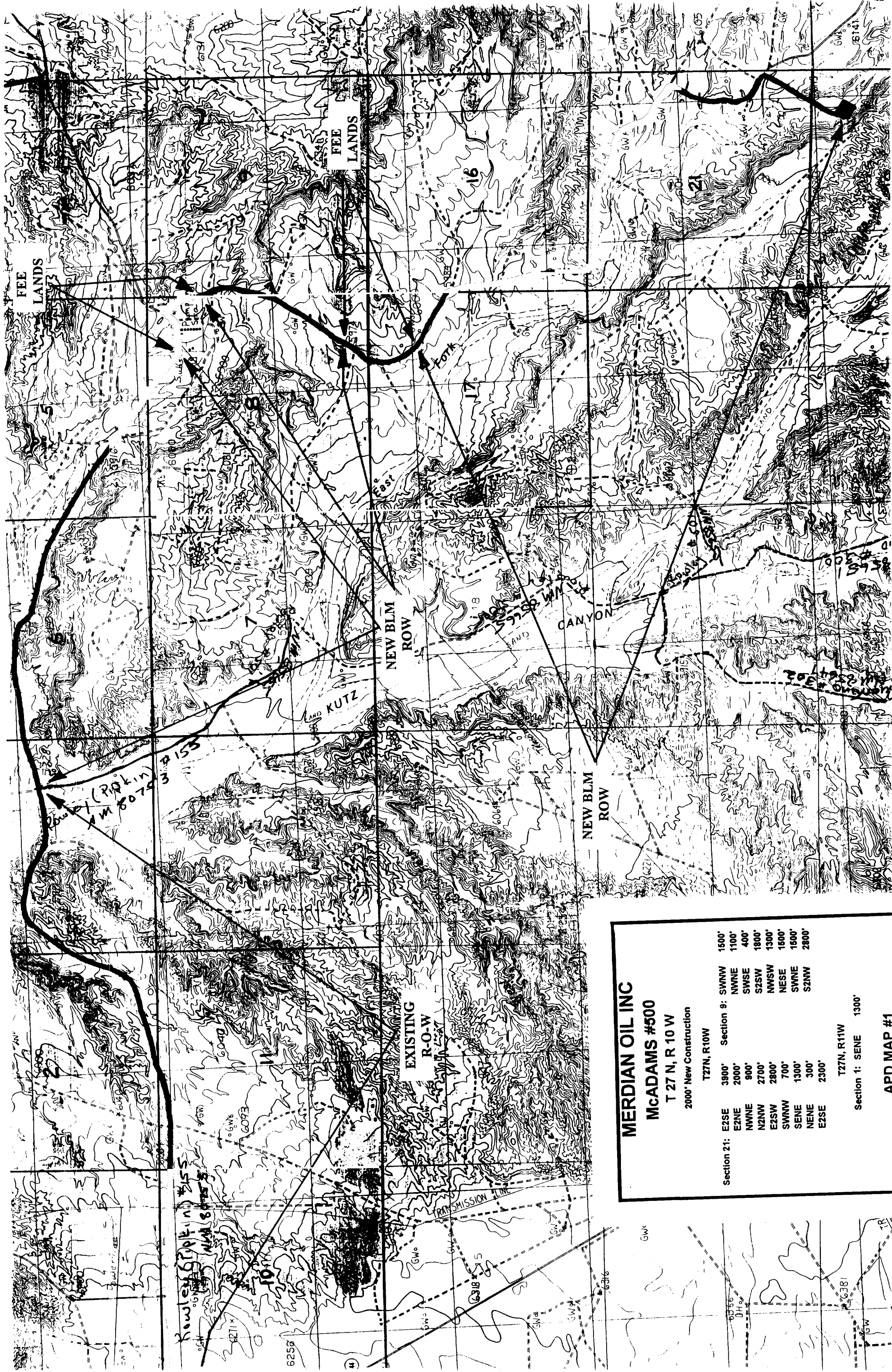
Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three (3) centralizers run every other joint above shoe. Two (2) turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1018'. 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.

Cementing:

8 5/8" surface casing - cement with 210 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (250 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi/30 minutes.



MERDIAN OIL INC									
McADAMS #500									
T 27 N, R 10 W									
2000' New Construction									
T27N, R10W									
Section 21:	E2SE	3900'	Section 9:				SWNW	1500'	
	E2NE	2000'					NWNE	1100'	
	NWNE	900'					SWSE	400'	
	N2NW	2700'					S2SW	1800'	
	E2SW	2800'					NWSW	1300'	
	SWNW	700'					NESE	1500'	
	SENE	1300'					SWNE	1500'	
	NENE	300'					S2NW	2800'	
	E2SE	2300'							
T27N, R11W									
Section 1:		SENE		1300'					

APD MAP #1	
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