

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 12 1992
OIL CON. DIV.
DIST. 3

30-039-25238 ✓
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER NM-02804
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC. 14538	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 28-6 UNIT 7462
4. LOCATION OF WELL 790' FSL 1600' FWL	9. WELL NO. 431 ✓
14. DISTANCE IN MILES FROM NEAREST TOWN 4 MILES SO OF GOVERNADOR	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL ✓
15. DISTANCE FROM PROPOSED LOCATION 790' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. N SEC. 23 T28N R06W NMPM 71629
16. ACRES IN LEASE 320.00	12. COUNTY RIO ARRIBA
17. ACRES ASSIGNED TO WELL 11/320.00	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 500' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3422'
20. ROTARY OR CABLE TOOLS ROTARY	21. ELEVATIONS (DF, FT, GR, ETC.) 6556' GL
22. APPROX. DATE WORK WILL START 10/30/92	23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN
24. AUTHORIZED BY: Donald O. Oelshuber REG. DRILLING ENGR.	APPROVED AS AMENDED NOV 10 1992 AREA MANAGER

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

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.

Schedule to Appropriate
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
RECEIVED
SLM

OIL CONSERVATION DIVISION

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

92 OCT 26 PM 3:18

311 FALMINGTON, N.M.

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

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

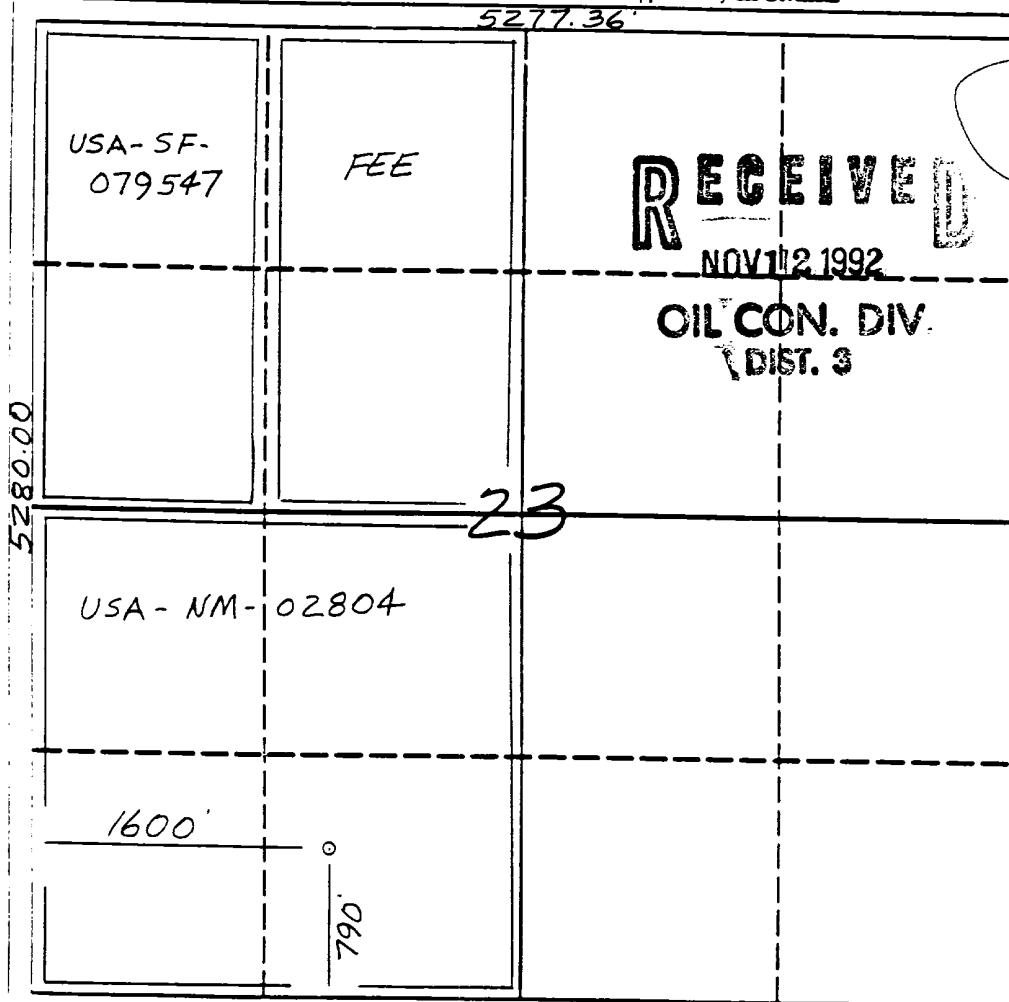
DISTRICT III
1000 Rio Brisco Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease San Juan 28-6 Unit		Well No. 431
Unit Letter N	Section 23	Township 28 North	Range 6 West	County Rio Arriba
Actual Footage Location of Well: 790 feet from the South line and 1600 feet from the West line				
Ground level Elev. 6556	Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare 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 communitization, unitization, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation unitization
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 acre-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.

Peggy Bradford
Signature

Peggy Bradford

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
10-21-92

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.

9-16-92

Date Surveyed
Neal C. Edwards

Signature
Professional Surveyor

3337

Certificate No.

6857

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #431
Location: 790'FSL, 1600'FWL, Section 23, T-28-N, R-6-W
 Rio Arriba County, New Mexico
Formation: Basin Fruitland Coal
Elevation: 6556'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2610'	
Ojo Alamo	2610'	2770'	aquifer
Kirtland	2770'	3080'	
Fruitland	3080'	3257'	
Fruitland Coal Top	3257'	3377'	gas & salt water
Pictured Cliffs	3387'		
Total Depth	3422'		

Logging Program: Mud logs from 2400' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3422'	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 - 3422'	4 1/2"	10.5#	K-55

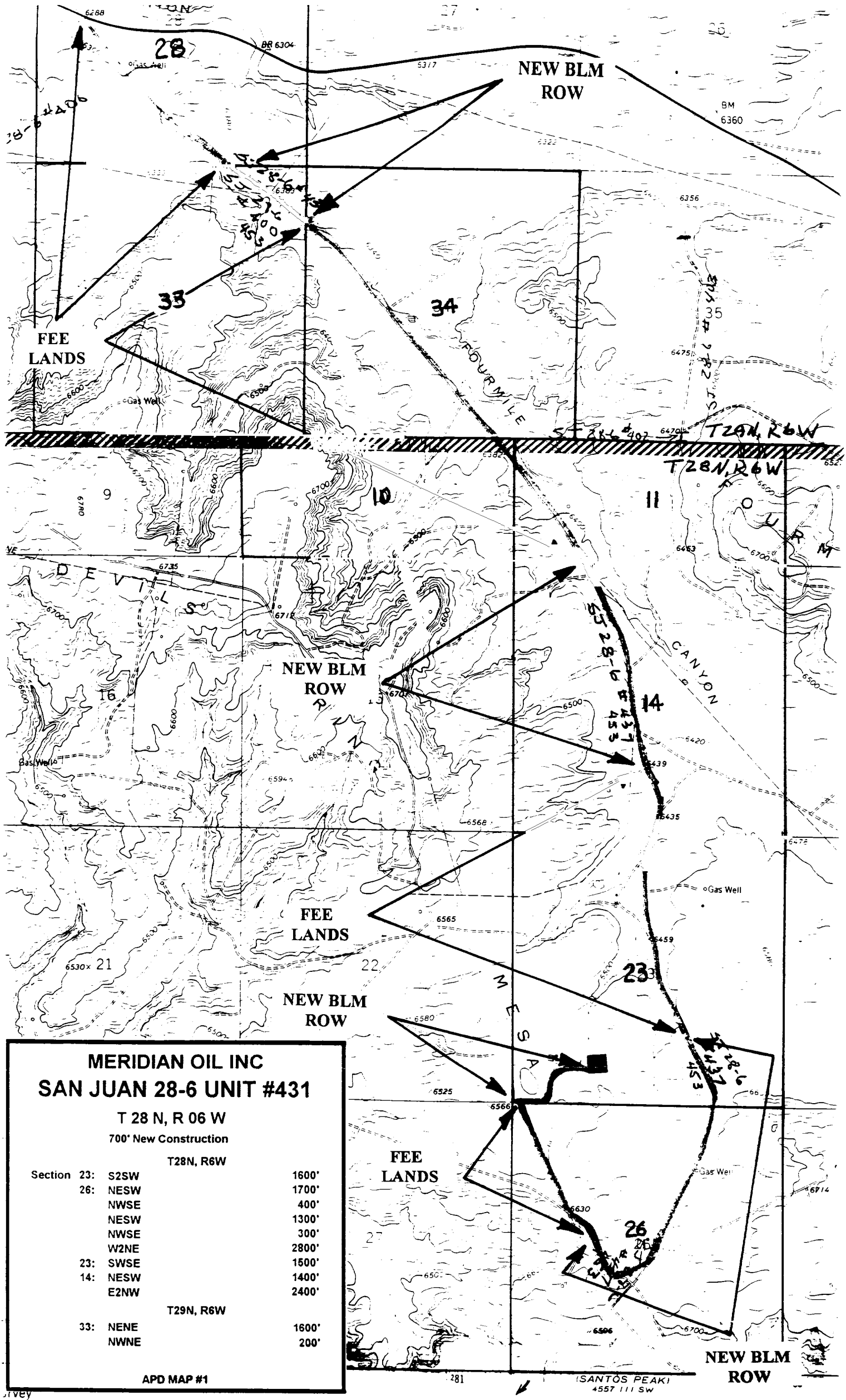
Tubing Program:

0 - 3422'	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. Two centralizers run every 3rd joint to the base of the Ojo Alamo @ 2770'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2770'. 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
SAN JUAN 28-6 UNIT #431

T 28 N, R 06 W
700' New Construction

T28N, R6W

Section	23:	S2SW	1600'
	26:	NWSE	1700'
		NWSE	400'
		NESW	1300'
		NWSE	300'
		W2NE	2800'
23:		SWSE	1500'
14:		NESW	1400'
		E2NW	2400'

T29N, R6W

33:	NENE	1600'
	NWNE	200'

APD MAP #1