

30-045-28093

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAIL ROOM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30 AM 8:12

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078505
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SEYMOUR
4. LOCATION OF WELL 1415' FSL 915' FWL	9. WELL NO. 722
14. DISTANCE IN MILES FROM NEAREST TOWN 8 MILES OF NAVAJO DAM PO	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION 915' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. L SEC. 24 T31N R09W NMPM
16. ACRES IN LEASE 2323.28	12. COUNTY SAN JUAN
17. ACRES ASSIGNED TO WELL 314.74	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 500' COMPL., OR APPLIED FOR ON THIS LEASE.	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6151' GL	22. APPROX. DATE WORK WILL START

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3105.4.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: [Signature] AUG 13 1990
REG. DRILLING ENGR. OIL CON. DIV. DATE 7/27/90

DIST. 3

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

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

This APD is filed in place of Unicon Seymour #24-2, located 1933' FSL, 1813' FW submitted 5-17-90, and not approved. Please rescind that APD.

NMOCD

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 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

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

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

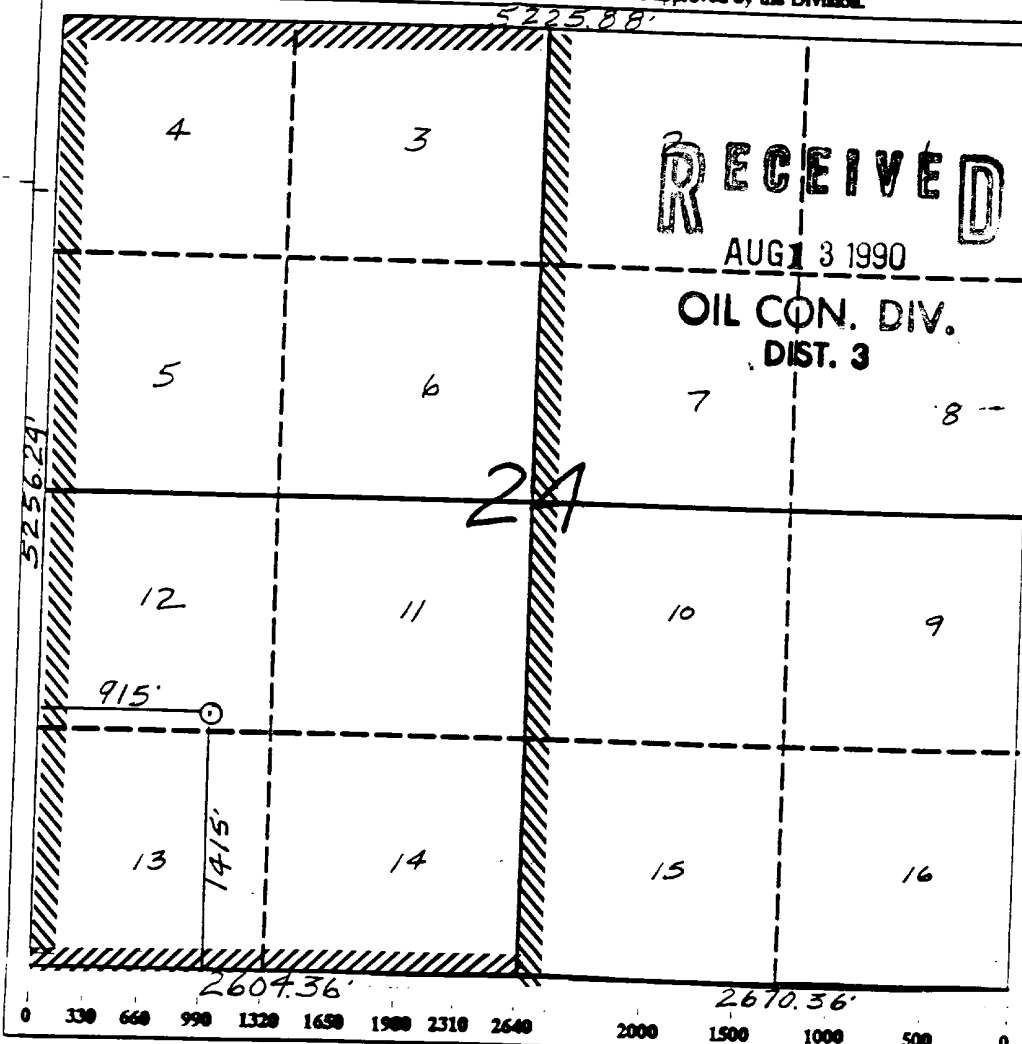
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Seymour (SF-078505)		Well No. 722
Unit Letter L	Section 24	Township 31 North	Range 9 West	County NMPM San Juan	
Actual Footage Location of Well: 1415 feet from the South line and 915 feet from the West line					
Ground level Elev. 6151'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 314.74 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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, forced-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 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
7-27-90

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. 7-2-90

Date Surveyed

Signature *Neale C. Edwards*
Professional Surveyor



Certificate No. *Neale C. Edwards*

Well Name: 722 SEYMOUR
 Sec. 24 T31N R09W
 BASIN FRUITLAND COAL

1415'FSL 915'FWL
 SAN JUAN NEW MEXICO
 Elevation 6151'GL

Formation tops: Surface- San Jose
 Ojo Alamo- 1747
 Kirtland- 1792
 Fruitland- 2565
 Fruitland Coal Top- 2721
 Fruitland Coal Base- 2975
 Pictured Cliffs- 2977

Intermediate TD- 2736
 Total Depth- 2976

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 2736	Non-dispersed	8.4 - 9.1	30-60	no control
	2736 - 2976	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 2736	7"	20.0#	K-55
	6 1/4"	2686 - 2976	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2976	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Run insert float one joint above the guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1792'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 160 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (189 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 391 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 874 cu ft. of slurry, 110% excess to circulate to surface. If hole conditions permit, a 600 ft spacer will be run ahead of the cement slurry to avoid mud contamination of the cement. WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC.

5 1/2" liner - do not cement.

SF 078505

24

BLM
Lands

Fee
Lands

BLM
ROW

T 31 N

T 30 N

State
Lands

BLM
ROW

R 9 W

R 8 W

Applied
for ROW

MAP 1

Seymour # 722

T 31 N, R 9 W

1500' New Construction

1400' Existing BLM Road within Unit boundary

BLM Off Lease ROW

T 31 N, R 9 W

T 30 N, R 10 W

Section 23: NESE 1100'

Section 11: W2NW 3000'

25: E2SW 2700'

NW5W 200'

E2SW 3200'

SW5W 100'

12: E2W2 5000'

SW5W 300'