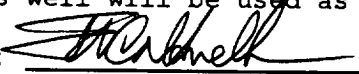


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
30-045-29004
OCT 21 1993

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

OK ALLISON, NM

1a. Type of Work DRILL	5. Lease Number SF-081155	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name Allison Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 13772 Allison Unit POW 9. Well Number 2	
4. Location of Well 1775' FSL, 905' FEL Latitude 37° 57' 48", Longitude 107° 29' 38"	10. Field, Pool, Wildcat 71629 Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. I- Sec 19, T-32-N, R-6-W NMPM	
14. Distance in Miles from Nearest Town 6 miles to Allison, CO	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 905'		
16. Acres in Lease 1877.990	17. Acres Assigned to Well n/a	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1600'		
19. Proposed Depth 3345'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6441' GR	22. Approx. Date Work will Start 4th quarter 1993	
23. Proposed Casing and Cementing Program See Operations Plan attached		
NOTE: this well will be used as a pressure observation well only.		
24. Authorized by: 	Date 9/28/93	
Regional Drilling Engineer		

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

APPROVED
AS AMENDED

Archaeological Report submitted 08-27-93
Threatened and Endangered Species Report submitted 09-18-93
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

OCT 19 1993

DISTRICT MANAGER

NMOCD

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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55 OCT -1 AM 11:28

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

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

DISTRICT III
1000 Rio Breros 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 Allison Unit POW			Well No. 2		
Unit Letter I	Section 19	Township 32 North	Range 6 West	County NM	San Juan			
Actual Forage Location of Well:								
1775 feet from the South line and			905 feet from the East line					
Ground level Elev. 6441'			Producing Formation Fruitland Coal			Pool Basin		
						Dedicated Acreage: Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or ink 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 commutation, unitization, force-pooling, etc.?

☒ Yes

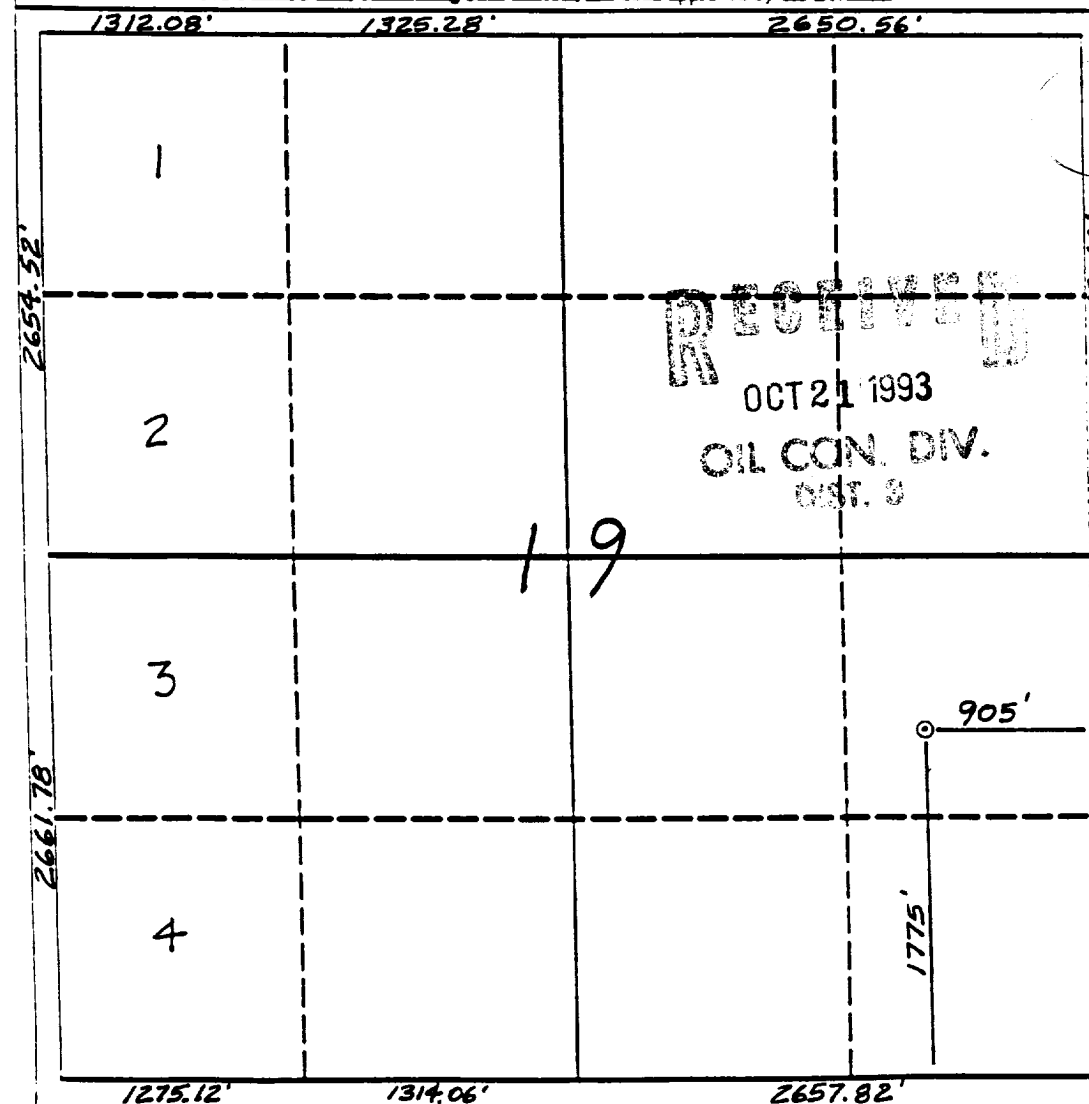
☐ No

If answer is "yes" type of consolidation

unit

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 commutation, 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.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name
Regulatory Rep.

Position
Meridian Oil Inc.

Company
9-27-93

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes 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.

7-28-93
Date Surveyed

G. Edwards
Name of Surveyor

Signature of Surveyor

Professional Surveyor

6857

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6857

September 28, 1993

OPERATIONS PLAN

Well Name: Allison Unit POW #2
Location: 1775'FSL, 905'FEL, Section 19, T-32-N, R-6-W
 San Juan County, New Mexico
 Latitude 37° 57' 48", Longitude 107° 29' 38"
Formation: Basin Fruitland Coal
Elevation: 6441'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2269'	
Ojo Alamo	2269'	2383'	aquifer
Kirtland	2383'	2901'	
Fruitland	2901'		gas
Fruitland Coal	3066'	3313'	
Total Depth	3345'		

Logging Program: Mud logs from 3031' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3345'	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 - 3345'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 65'***	2 3/8"	4.7#	J-55
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**-two jts in order to accommodate profile nipple and change out donut

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 @ 2383'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2383'. 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.

