

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-45-2527

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
1B. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
2. NAME OF OPERATOR
Union Texas Petroleum Corp.
3. ADDRESS OF OPERATOR
P.O. Box 2120 Houston, TX 77252-2120
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 65' FNL & 300' FEL
At proposed prod. zone
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 miles NE Cedar Hill, NM
15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 65'
16. NO. OF ACRES IN LEASE
1633.69
17. NO. OF ACRES ASSIGNED
TO THIS WELL
302.13 E 12 305.002
18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. None
19. PROPOSED DEPTH
3875
20. ROTARY OR CABLE TOOLS
Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6924 GR
22. APPROX. DATE WORK WILL START*
6-1-90

5. LEASE DESIGNATION AND SERIAL NO.
SE-080517
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Payne 27
9. WELL NO.
1 Cedar Hill
10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
A Sec. 27-32N-10W
12. COUNTY OR PARISH
San Juan
13. STATE
NM

his action shall be subject to review by the BLM and appeal pursuant to 43 CFR 3165.3 and 3165.4.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36.0	350	210
8 3/4	7	23.0	3875	302 314

We propose to drill to 3875' in the Fruitland Coal formation according to the 8 pt drilling plan.

"Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease."

RECEIVED
BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C. 20240
JUN 11 1990

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Jim White TITLE Regulatory Permit Coordinator DATE 2/27/90

(This space for Federal or State office use)

APPROVED
AS AMENDED

PERMIT NO. _____ APPROVAL DATE _____

SEP 28 1990

APPROVED BY _____ TITLE _____ DATE _____

AREA MANAGER

Hold every 100' section



1994
1995
1996

Submit 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

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 Payne (SF-080517)		Well No. 271
Unit Letter A	Section 27	Township 32 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 65 feet from the North line and 300 feet from the East line					
Ground level Elev. 6924'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 305.02 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hectare 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, forced-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 contained herein is true and complete to the best of my knowledge and belief.

Signature _____

Peggy Bradfield
Printed Name

Regulatory Affairs
Position

Meridian Oil Inc.
Company

7-10-90
Date

SURVEYOR CERTIFICATION

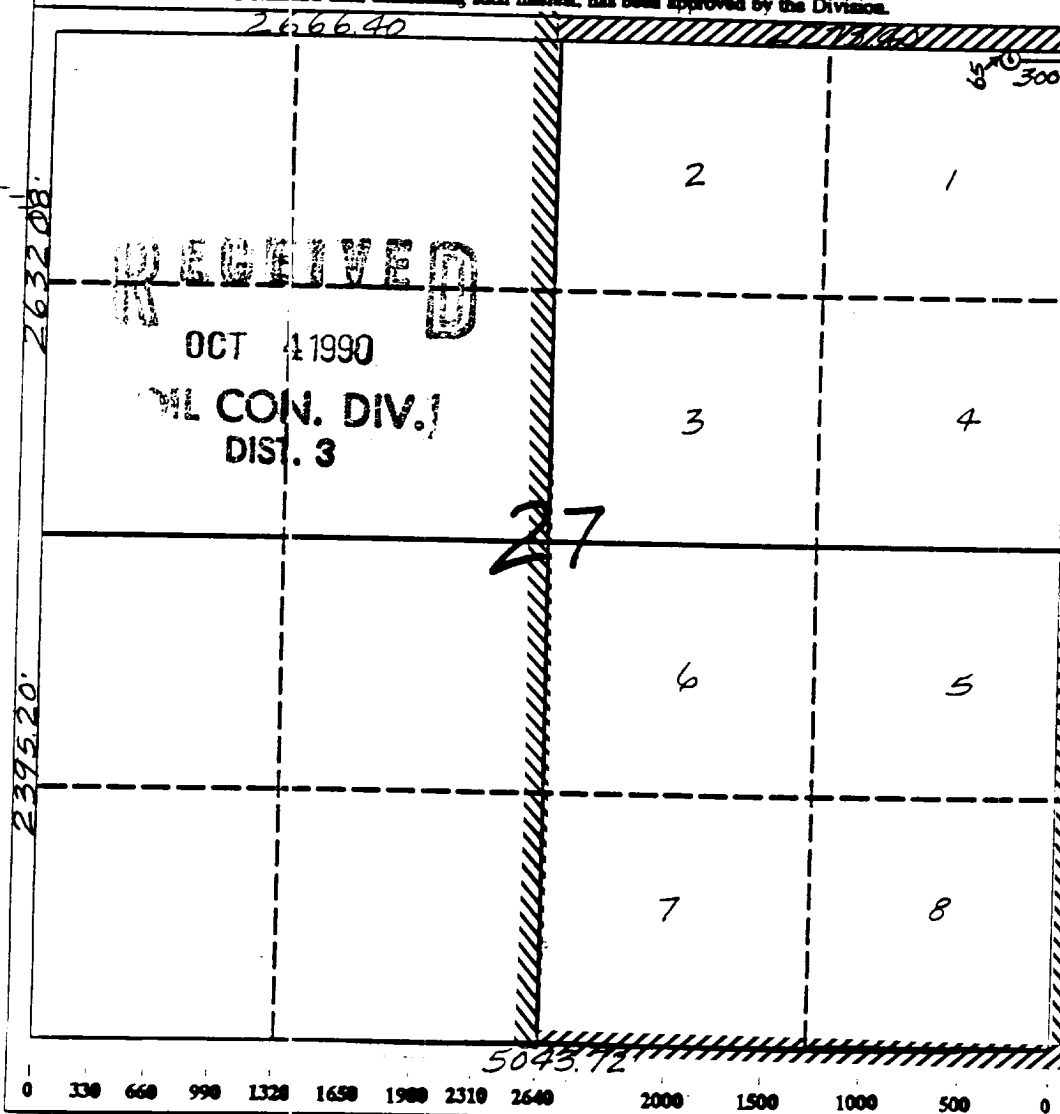
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

7-2-90
Date Surveyed

Signature _____
Professional Surveyor

NEALE C. EDWARDS
REGISTERED LAND SURVEYOR
6857

Neale C. Edwards



Well Name: 271 PAYNE
 Sec. 27 T32N R10W
 BASIN FRUITLAND COAL

65'FNL 300'FEL
 SAN JUAN NEW MEXICO
 Elevation 6924'GL

Formation tops: Surface- SAN JOSE/NAC
 Ojo Alamo- 1958
 Kirtland- 1995
 Fruitland- 3320
 Fruitland Coal Top- 3470
 Fruitland Coal Base- 3747
 Pictured Cliffs- 3749

Intermediate TD- 3450
 Total Depth- 3732

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 350	Spud	8.4 - 8.9	40-50	no control
	350 - 3450	Non-dispersed	8.4 - 9.1	30-60	no control
	3450 - 3732	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 350	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3450	7"	20.0#	K-55
	6 1/4"	3400 - 3732	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3732	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 @ 1995'. 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 279 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (329 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 512 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. 1107 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.

$$\begin{array}{r} 157.30 \\ 151.72 \\ \hline 309.02 \end{array}$$

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. TYPE OF WELL GAS		5. LEASE NUMBER SF-080517	
2. OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALL. OR TRIBE NAME	
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL 65'FNL 300'FEL		8. FARM OR LEASE NAME PAYNE	
		9. WELL NO. 271	
		10. FIELD, POOL, OR WILDCAT <i>Payne #271 Basin</i> BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 27 T32N R10W NMPM	
14. PERMIT NO.	15. ELEVATIONS 6924'GL	12. COUNTY SAN JUAN	13. STATE NM
16. SUBSEQUENT REPORT OF: Amended Application for Permit to Drill			
17. Describe proposed or completed operations			

Reference is made to Union Texas Petroleum's Application for Permit to Drill the Payne 27 #1 submitted 02-27-90.

Meridian Oil Inc. will operate and drill this well as the Payne #271 at 65'FNL and 300'FEL of Section 27 of Township T32N and Range R10W.

Submitted for review:

- C102
- Operations Plan
- BOP Diagrams
- Location Laydown
- Cut and Fill Diagram
- Facilities Diagram

RECEIVED
OCT 4 1990
OIL CON. DIV.
DIST. 3

18. AUTHORIZED BY: *[Signature]*
REGULATORY AFFAIRS

7-10-90
DATE

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-5

**APPROVED
AS AMENDED**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITION OF APPROVAL, IF ANY:

SEP 28 1990
[Signature]
DATE
AREA MANAGER

*Hold C-104 for VFA to fit squeeze of ~~Payne~~
Surface casing? ~~Payne~~ #11000?*