

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28749
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

AUG 07 1992

OIL CON. DIV.

DIST. 3

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-080517
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 PAYNE
4. LOCATION OF WELL 1195' FNL 1670' FEL	9. WELL NO. 202
14. DISTANCE IN MILES FROM NEAREST TOWN 12 MILES NORTH OF AZTEC	10. FIELD, POOL, OR WILDCAT CEDAR HILL FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION 1195' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. SEC. 20 T32N R10W NMPM
16. ACRES IN LEASE 1633.640	12. COUNTY SAN JUAN
17. ACRES ASSIGNED TO WELL E/314.10	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3015'
20. ROTARY OR CABLE TOOLS ROTARY	21. ELEVATIONS (DF, FT, GR, ETC.) 6227' GL
22. APPROX. DATE WORK WILL START	23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN
24. AUTHORIZED BY: REG. DRILLING ENGR.	DATE 7-14-92

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

APPROVED
AS AMENDED
AUG 04 1992
AREA MANAGER

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

Simultaneous approval for 2 wells in same
1/2 rounded Hole 5-104 E

Schedule to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
PLM
Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION

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

92 JUL 16 PM 2:33

510.04 5210.04

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

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

DISTRICT III
1000 Rio Grande Rd., Alamo, 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 Well No. 202

Unit Letter B Section 20 Township 32 North Range 10 West County San Juan

Actual Footage Location of Well: 1195 feet from the North line and 1670 feet from the East line
Ground level Elev. 6227' Producing Formation Fruitland Coal Pool Cedar Hill Basal Dedicated Acreage: 314.10 Acres

- Outline the acreage dedicated to the subject well by colored pencil or machine 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 commutation, 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 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.

Signature _____

Printed Name Peggy Bradfield

Position Regulatory Affairs

Company Meridian Oil Inc.

Date 7/14/92

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 6-16-92

Signature C. EDWARDS

Professional Surveyor 3337

License No. 6857

RECEIVED

AUG 07 1992

OIL CON. DIV.

DIST. 3

USA SF 080517

5273.40

20

5210.04

0 130 660 990 1320 1650 1980 2310 2640

July 14, 1992

OPERATIONS PLAN

Well Name: Payne #202
Location: 1195'FNL, 1670'FEL, Section 20, T-32-N, R-10-W
 San Juan County, New Mexico
Formation: Cedar Hill Fruitland Coal
Elevation: 6227'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1446'	aquifer
Ojo Alamo	1446'	1499'	aquifer
Kirtland	1499'	2636'	shale
Fruitland	2636'	2814'	gas
Fruitland Coal Top	2814'	3013'	gas
Fruitland Coal Base	3013'	3030'	gas
Pictured Cliffs	3030'		gas
Total Depth	3015'		

Logging Program: Mud logs from intermediate to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-2804'	Non-dispersed	8.4-9.1	30-60	no control
2804-3015'	Formation Water	8.4		no control

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	K-40
8 3/4"	0' - 2804'	7"	20.0#	K-55
6 1/4"	2654' - 3015'	5 1/2"	15.5#	K-55

Tubing Program:

0' - 3015' 2 3/8" 4.7# 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 guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1446'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - float shoe on bottom and 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.

NEW BLM
R-O-W

EXISTING
R-O-W

MERDIAN OIL INC

PAYNE #202

T 32 N, R 10 W

700' New Construction

Section 20: SWNE	1300'
SENE	400'
W2SE	1300'

Remaining BLM Roads covered
by ROW #NM 71368