

30-25-27532

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-081134
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 7405 QUIGLEY
4. LOCATION OF WELL 845'S 1210'W 1450 790	9. WELL NO. 1R
10. FIELD, POOL, OR WILDCAT 7405 BLANCO MESA VERDE	11. SEC. T. R. M OR BLK. K SEC. 6 T30N R09W NMPM
12. COUNTY SAN JUAN	13. STATE NM
14. DISTANCE IN MILES FROM NEAREST TOWN 15 MILES FROM AZTEC	15. DISTANCE FROM PROPOSED LOCATION 945' TO NEAREST PROPERTY OR LEASE LINE.
16. ACRES IN LEASE 100.25	17. ACRES ASSIGNED TO WELL 299.85
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 600' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 5970'
20. ROTARY OR CABLE TOOLS ROTARY	21. ELEVATIONS (DF, FT, GR, ETC.) 6540' GL 6523
22. APPROX. DATE WORK WILL START	23. PROPOSED CASING AND CEMENTING PROGRAM
*SEE OPERATIONS PLAN	
24. AUTHORIZED BY: 	DATE 10-3-89

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 10-3-89

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

AREA MANAGER

Submit to Assestment
District Office
State Lands - 4 copies
Fee Lands - 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

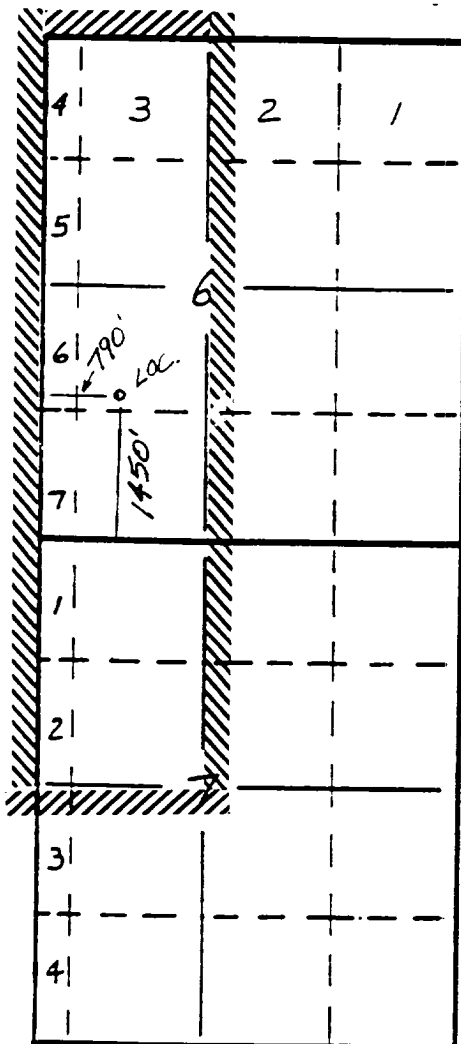
DISTRICT II
P.O. Drawer 00, Artesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the corner boundaries of the section

Operator Meridian Oil Inc.		Lease Quigley (SF-081134)		Well No. 1R
U.S. Letter K	Section 6	Township 30 North	Range 9 West	County NMNM San Juan
Actual Footage Location of Well: 1450 feet from the South line and 790 feet from the West line				
Ground level Elev. 6523'	Producing formation Mesa Verde	Pool Blanco	Dedication Acreage: 299.85 Acres	

- Outline the acreage dedicated to the subject well by corner points or bearing 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 names of all owners been consolidated by commutation, unification, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation **have under CIA #14-08-001-1177**
If answer is "no" list the owners and their descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable well be assigned to the well until all interests have been consolidated (by commutation, unification, force-pooling, or otherwise) or until a non-qualified well, eliminating such interest, has been approved by the Division.



SCALE
1" = 2000'

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 Affairs

Position

Meridian Oil Inc.

Company

10/27/87

Date

SURVEYOR CERTIFICATION

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

NEALE C. EDWARDS
Date Surveyed
Signature of State Professional Surveyor

857

REGISTERED LAND SURVEYOR
Neale C. Edwards
Certificate No.

6857

OPERATIONS PLAN

Well Name - Quigley #1-R
I.Location: SESW 06-30-09

San Juan County, NM

Date: 08-Sep-89

Field: BLANCO MESA VERDE

Elevation: 6540 'GL

II. Geology:

A. Formation Tops:	San Jose	Surface	Chacra	3995 '
	Ojo Alamo	1930 '	Mesa Verde	4889 '
	Kirtland	2075 '	Menefee	5085 '
	Fruitland	2925 '	Pt. Lookout	5500 '
	Pictured Cliffs	3280 '	Intermediate TD	3530 '
	Lewis	3330 '	Total Depth	5970 '

B. Logging Program: Inter Depth logs: NONE
Total Depth Logs: GR-IND, D, N, TEMP.

C. Coring: None

D. Natural Gauges: 3985 4879 5075 5490 5700
5970 , Also gauge any noticeable increase in gas.
Record all gauges in IADC daily drilling report and
on MERIDIAN OIL morning report.

III. Drilling:

A: Mud Program: Mud from surface to 3530 '. Gas from intermediate casing to Total Depth.

IV. Materials:

A. Casing Program:	Hole Size	Depth	Csg. Size	Weight	Grade
	12 1/4"	200	9 5/8"	32.3#	H-40
	8 3/4"	3530	7"	20.0#	K-55
			7"	23.0#	K-55
	6 1/4"	5970	4 1/2"	10.5#	K-55

B. Float Equipment: 9 5/8" surface casing - Saw Tooth guide shoe.

7" intermediate casing - guide shoe and self-fill insert float valve.
Five centralizers run every other joint above shoe. Run float two joints above the guide shoe.

4 1/2" production casing - liner hanger with neoprene packoff. Cement nose guide shoe and float collar run above a 6' shoe joint.

C. Tubing: 5970 of 2 3/8", 4.7#, J-55 8rd EUE tubing with a seating nipple one joint off bottom and expendable check valve on bottom.

D. Wellhead Equipment: 9 5/8" x 11" 2000 psi xmas tree assembly.

