

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-27256

RECEIVED
BLM MAIL ROOM
69 MAR 17 PM 1:33

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

- | | |
|--|--|
| 1a. TYPE OF WORK
DRILL | 5. LEASE NUMBER
SF-078197 |
| 1b. TYPE OF WELL
GAS SINGLE ZONE | 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
HUBBELL COM |
| 4. LOCATION OF WELL
1155'N 800'E | 9. WELL NO.
292 |
| 14. DISTANCE IN MILES FROM NEAREST TOWN
5 MILES FROM BLOOMFIELD | 10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL |
| | 11. SEC. T. R. M OR BLK.
A SEC. 17 T29N R10W NMPM |
| 15. DISTANCE FROM
PROPOSED LOCATION 800'
TO NEAREST PROPERTY
OR LEASE LINE. | 12. COUNTY 13. STATE
SAN JUAN NM |
| 16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL
1504.90 305.68 | |
| 18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 500'
COMPL., OR APPLIED
FOR ON THIS LEASE. | DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS". |
| 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS
2112' ROTARY | |
| 21. ELEVATIONS (DF, FT, GR, ETC.)
5739'GL | 22. APPROX. DATE WORK WILL START |

THIS FORM IS SUBJECT TO REVISIONS AND
AMENDMENTS WITHOUT NOTICE TO THE APPLICANT.
AND IS NOT VALID IF NOT USED WITH THE BLM FORM 3160-3.

RECEIVED

MAR 28 1989

OIL CON. DIV
DIST. 2

PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

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

It is the policy of this office to ensure that the applicant
has legal or equitable rights
to this lease.

DATE
APPROVED
AS AMENDED

MAR 24 1989

AREA MANAGER

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

Hold C-104 for Conn Agreement

NMOCC

All distances must be from the outer boundaries of the Section.

Operator Meridian Oil Inc.		Lease Hubble Com (SF-078197)		Well No. 292
Unit Letter A	Section 17	Township 29 North	Range 10 West	County San Juan
Actual Postage Location of Wells 1155' feet from the North line and 800' feet from the East line				
Ground Level Elev. 5739'	Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 305.68	

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 work interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization Agreement being prepared

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side 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 interests, has been approved by the Divi.

CERTIFICATION

I hereby certify that the information retained herein is true and complete to best of my knowledge and belief.

Neale C. Edwards
Name

Regulatory Affairs

Position

Meridian Oil Inc.

Company

3-15-89

Date

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

Date Surveyed

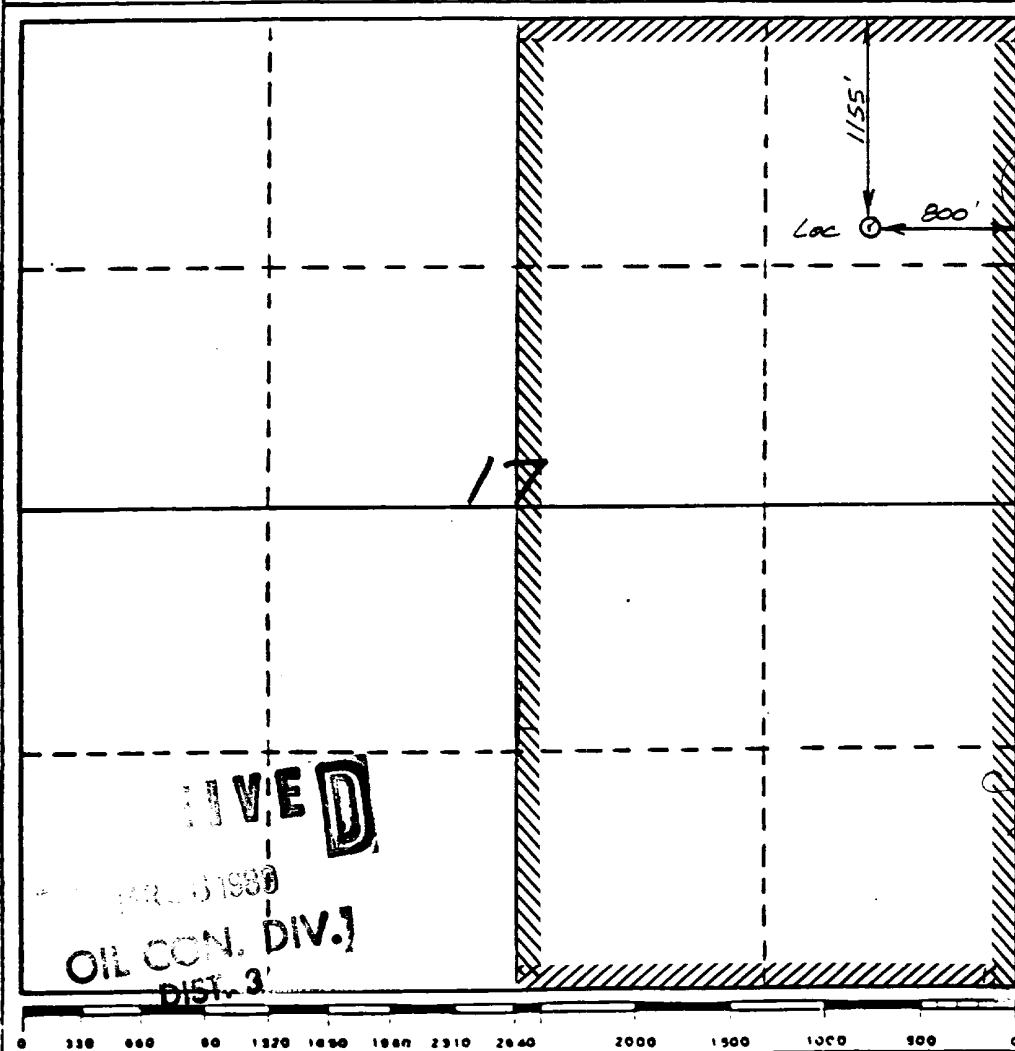
11/25/88

Registered Professional Engineer and/or Land Surveyor

Neale C. Edwards

Certificate No.

6857



OPERATIONS PLAN

DATE: MAR 14, 1989

Well Name: 292 HUBBELL COM 1155'N 800'E
 Sec. 17 T29N R10W SAN JUAN NEW MEXICO
 BASIN FRUITLAND COAL Elevation 5739'GL

Formation tops: Surface- NACIMIENTO
 Ojo Alamo- 881
 Kirtland- 993
 Fruitland- 1706
 Fruitland Coal Top- 1924
 Fruitland Coal Base- 2089
 Intermediate TD- 2112
 Total Depth- 2112
 Pictured Cliffs- 2092

Logging Program: Mud logs from intermediate to total depth.

Mud Program: Low solid non-dispersed mud from surface to total depth.

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 - 2112	7"	20.0#	K-55
	6 1/4"	2062 - 2112	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2112	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe.

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.

5 1/2" production liner - 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 106 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (125 cu ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 131 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. 370 cu ft. of slurry, 100% excess to cover the Ojo Alamo. Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1500 psi for 30 minutes.

5 1/2" liner - do not cement.

The Fruitland coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well. This gas is dedicated.

The E/2 of Section 17 is dedicated to this well.

REC'D

On lease &
previously applied
for rev.
NYC # 290

