

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 NM-04209
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 HANCOCK A
4. LOCATION OF WELL 2505' N 685' E 2110 9/5	9. WELL NO. 708
14. DISTANCE IN MILES FROM NEAREST TOWN 13 MILES FROM BLANCO	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. 17 SEC. 26 T28N R09W NMPM
15. DISTANCE FROM PROPOSED LOCATION 685' TO NEAREST PROPERTY OR LEASE LINE.	12. COUNTY SAN JUAN
	13. STATE NM
16. ACRES IN LEASE 960.15	17. ACRES ASSIGNED TO WELL 320.00
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 250' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 2193'
	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 5966' GL 5987	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM	

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: *Reggie Bradford*
REGULATORY AFFAIRS

RECEIVED

MAY 25 1989

OIL CON. 3-29-89

APPROVED
AS AMENDED

MAY 23 1989

AREA MANAGER

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

WMOCC

OPERATIONS PLAN

DATE: MAR 14, 1989

Well Name: 708 HANCOCK A 2595'N 685'E
 Sec. 26 T28N R09W SAN JUAN NEW MEXICO
 BASIN FRUITLAND COAL Elevation 5966'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 1202
 Kirtland- 1325
 Fruitland- 1898
 Fruitland Coal Top- 2084
 Fruitland Coal Base- 2192
 Intermediate TD- 2064
 Total Depth- 2193
 Pictured Cliffs- 2196

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 - 2064	7"	20.0#	K-55
	6 1/4"	2014 - 2193	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2193	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 73 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. 259 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 8/3 of Section 26 is dedicated to this well.

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 Hancock A		(NM-04209)		Well No. 708	
Unit Letter H	Section 26	Township 28 North	Range 9 West	County San Juan				
Actual Footage Location of Well: 2110 feet from the North line and 915 feet from the East line								
Ground level Elev. 5987		Producing Formation Fruitland Coal			Pool Basin		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or lacquer 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, 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 communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Reissued to show
moved location

OPERATOR CERTIFICATION

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

Signature *Peggy Bradfield*

Printed Name **Peggy Bradfield**

Position **Regulatory Affairs**

Company **Meridian Oil Inc.**

Date **4-10-89**

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.

Date Surveyed **4-2-89**

Signature of Seal **NEALE C. EDWARDS**

Professional Surveyor **357**

Certificate No. **6857**

T-28-N
R-8-W
Hancock
A 708

Blanco

27

26

25

34

35

36

HANCOCK A 708

3

2

CANYON

12

10

11

Jaquez Can

BLANCO