

30-1257-51277

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-077111
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 STOREY C
4. LOCATION OF WELL 1850'N 2000'E	9. WELL NO. 715
14. DISTANCE IN MILES FROM NEAREST TOWN 10 MILES FROM BLANCO	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. G SEC. 34 T28N R09W NMPM
15. DISTANCE FROM PROPOSED LOCATION 1850' TO NEAREST PROPERTY OR LEASE LINE.	12. COUNTY SAN JUAN
16. ACRES IN LEASE 2575.13	13. STATE NM
17. ACRES ASSIGNED TO WELL 0.00	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 300' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 2968'
20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (DF, FT, GR, ETC.) 6820'GL	22. APPROX. DATE WORK WILL START

This section is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

23. PROPOSED CASING AND CEMENTING PROGRAM

RECEIVED

APR 07 1989

OH. CON. D.M.  
DIST 2

\*SEE OPERATIONS PLAN

Approval of this application is not a statement that the applicant holds legal or equitable interest or title to this lease.

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

DATE

3-17-89

AS

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

OH  
G

RECEIVED

*[Signature]*

## OPERATIONS PLAN

DATE: MAR 15, 1989

Well Name: 715 STOREY C 1850'N 2000'E  
Sec. 34 T28N R09W SAN JUAN NEW MEXICO  
BASIN FRUITLAND COAL Elevation 6820'GL

Formation tops: Surface- SAN JOSE  
Ojo Alamo- 1990  
Kirtland- 2095  
Fruitland- 2710  
Fruitland Coal Top- 2861  
Fruitland Coal Base- 2967  
Intermediate TD- 2840  
Total Depth- 2968  
Pictured Cliffs- 2974

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 - 2840	7"	20.0#	K-55
	6 1/4"	2790 - 2968	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2968	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 71 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. 256 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 N/2 of Section 34 is dedicated to this well.

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-

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

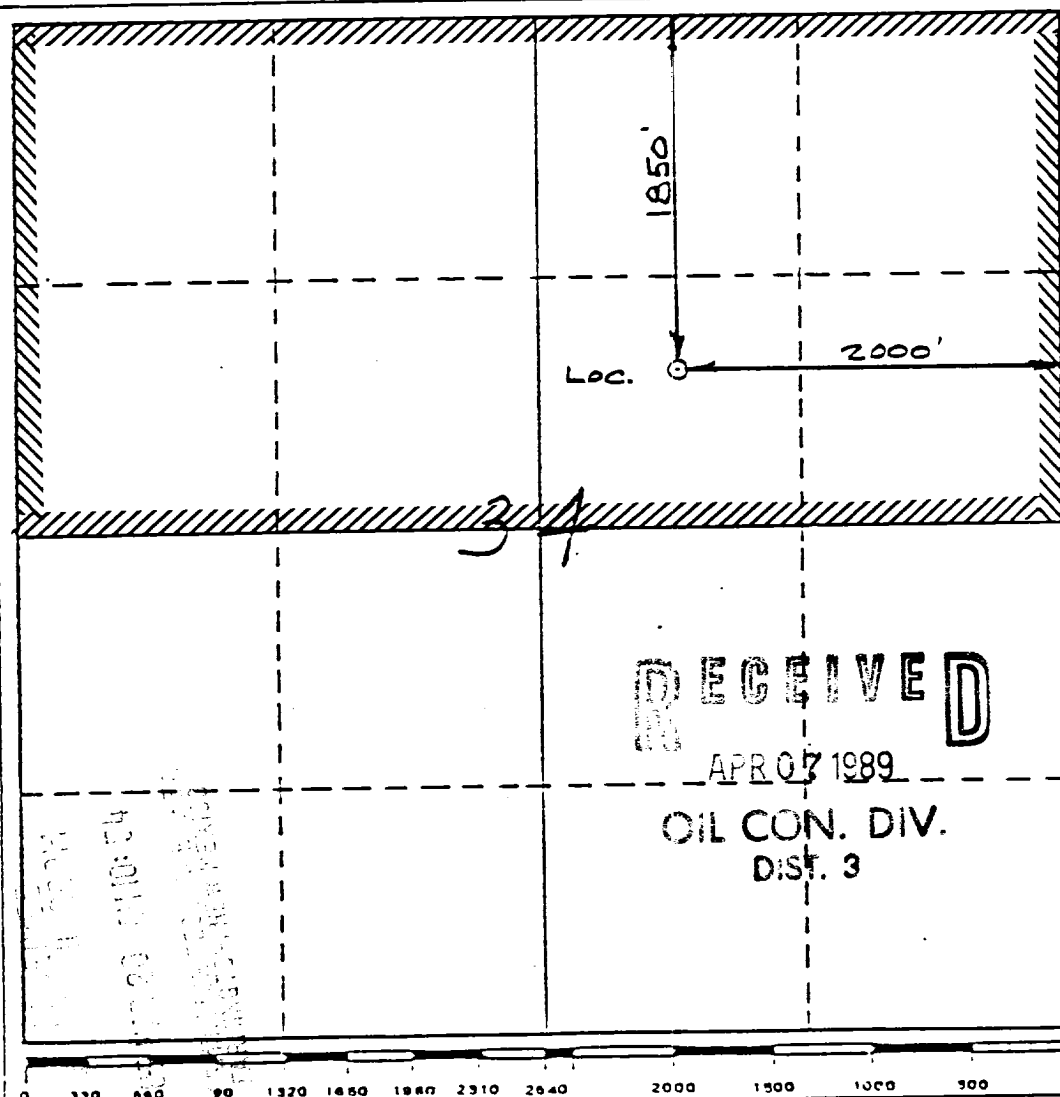
Operator <b>Meridian Oil Inc.</b>			Lease <b>Storey C (SF-077111)</b>		Well No. <b>715</b>
Unit Letter <b>G</b>	Section <b>34</b>	Township <b>28 North</b>	Range <b>9 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>North</b> line and <b>2000</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6820'</b>	Producing Formation <b>Fruitland Coal</b>		Pool <b>Basin</b>	Dedicated Acreage: <b>320.00</b> "Act"	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



## CERTIFICATION

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

Name Mark BradfieldPosition Regulatory AffairsCompany Meridian Oil Inc.Date 3-17-89Date 3-17-89

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

Date Surveyed 12/3/88

Registered Professional Engineer and/or Land Surveyor

Neale C. Edwards

Certificate No. 6857

0000 FEET

State  
Lands

T28N, R9W

Section 34: N 25 W 2000'  
SW SW 400'  
33: S 65 E 250'

Storey C #715

MAP 2

## Indian Lands