

30-145-07433

OK

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

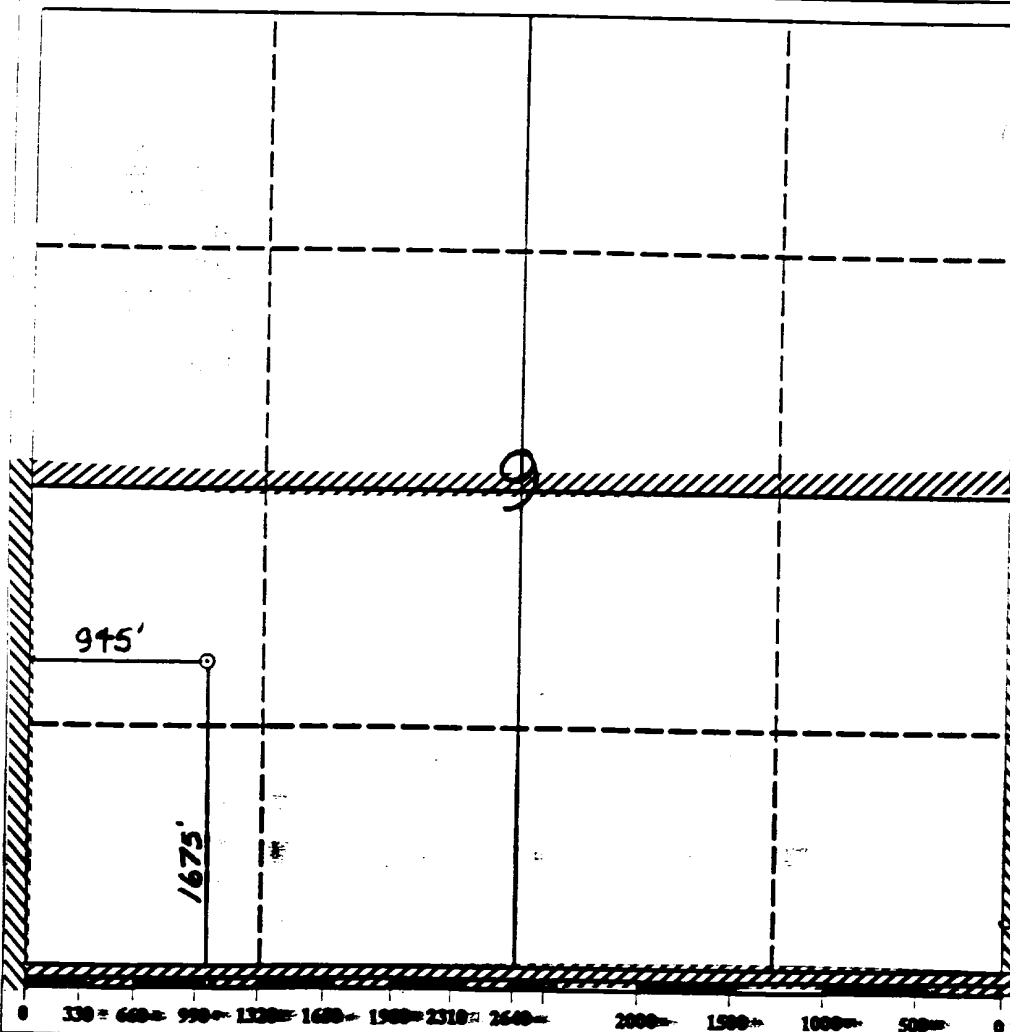
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <u>Meridian Oil Inc.</u>			Lease <u>Hardie (SF-078499A)</u>		Well No. <u>805</u>
Unit Letter <u>L</u>	Section <u>2</u>	Township <u>28 North</u>	Range <u>8 West</u>	County <u>San Juan</u>	
Actual Footage Location of Well: <u>1675</u> feet from the <u>South</u> line and <u>945</u> feet from the <u>West</u> line					
Ground level Elev. <u>6030'</u>	Producing Formation <u>Fruitland Coal</u>		Pool <u>Basin</u>	Dedicated Acreage: <u>297.80</u> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare 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 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.



OPERATOR CERTIFICATION

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

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Affairs
Position

Meridian Oil Inc.
Company

7-10-89
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

NEALE C. EDWARDS
Signature of Surveyor

6857
Professional Surveyor No.

6857
Certificate No.

Well Name: 805 HARDIE 1675'S 945'W
 Sec. 9 T28N R08W SAN JUAN NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6030'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 1610
 Kirtland- 1624
 Fruitland- 2206
 Fruitland Coal Top- 2279
 Fruitland Coal Base- 2473
 Intermediate TD- 2259
 Total Depth- 2474
 Pictured Cliffs- 2476

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 2259	Non-dispersed	8.4 - 9.1	30-60	no control
	2259 - 2474	Formation Water	8.4		no control

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 - 2259	7"	20.0#	K-55
	6 1/4"	2209 - 2474	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2474	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 casing - 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 40 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.
 195 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.

