

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-27634

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER NM-024158
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 BLANCO 30-12 C COM
4. LOCATION OF WELL 1330'N 795'E	9. WELL NO. 500
14. DISTANCE IN MILES FROM NEAREST TOWN 3 MILES N. OF FLORA VISTA	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 795'	11. SEC. T. R. M OR BLK. SEC. 9 T30N R12W NMPM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 140.07 E/306.71	12. COUNTY SAN JUAN
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE. 400'	13. STATE NM
19. PROPOSED DEPTH 2008'	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 5745'GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN	
24. AUTHORIZED BY:  REG. DRILLING ENGR.	

RECEIVED

MAR 07 1990

OIL CON. DIV.
DIST. 3

2/9/90
DATE

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

APPROVED
AS AMENDED

MAR 02 1990

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

AREA MANAGER

Held 1-104 FOR CA
(2)

NMOOD

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 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 Blanco 30-12 C-Com		Well No. 500
Unit Letter H	Section 9	Township 30 North	Range 12 West	County San Juan	NMPM
Actual Footage Location of Well: 1330 feet from the North line and 795 feet from the East line					
Ground level Elev. 5745'		Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 306.71 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, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation Communitization Agreement Will Be Obtain
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, force-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 the best of my knowledge and belief.

Signature Peggy Bradfield

Printed Name Peggy Bradfield

Position Regulatory Affairs

Company Meridian Oil Inc.

Date 2-8-90

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of 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 2-8-90

Signature of Surveyor Neale C. Edwards

Professional Surveyor 857

REGISTERED LAND SURVEYOR

Certificate No. 6857

6857

Well Name: 500 BLANCO 30-12 C COM 1330'N 795'E
 Sec. 9 T30N R12W SAN JUAN NEW MEXICO
 BASIN FRUITLAND COAL Elevation 5745'GL

Formation tops: Surface- NACIMIENTO
 Ojo Alamo- 473
 Kirtland- 551
 Fruitland- 1683
 Fruitland Coal Top- 1928
 Fruitland Coal Base- 2007
 Intermediate TD- 1908
 Total Depth- 2008
 Pictured Cliffs- 2017

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 - 1908	Non-dispersed	8.4 - 9.1	30-60	no control
	1908 - 2008	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 - 1908	7"	20.0#	K-55
	6 1/4"	1858 - 2008	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2008	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 160 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (189 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 256 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. 612 cu ft. of slurry, 110% excess to circulate to surface. Run temperature survey at 8 hours. WOC 12 hours.

5 1/2" liner - do not cement.

Blanco 30-12 Com C #500
1330' FNL, 795' FEL
Sec. 9, T30N, R12W
San Juan County, NM

Map #1

4081

50'

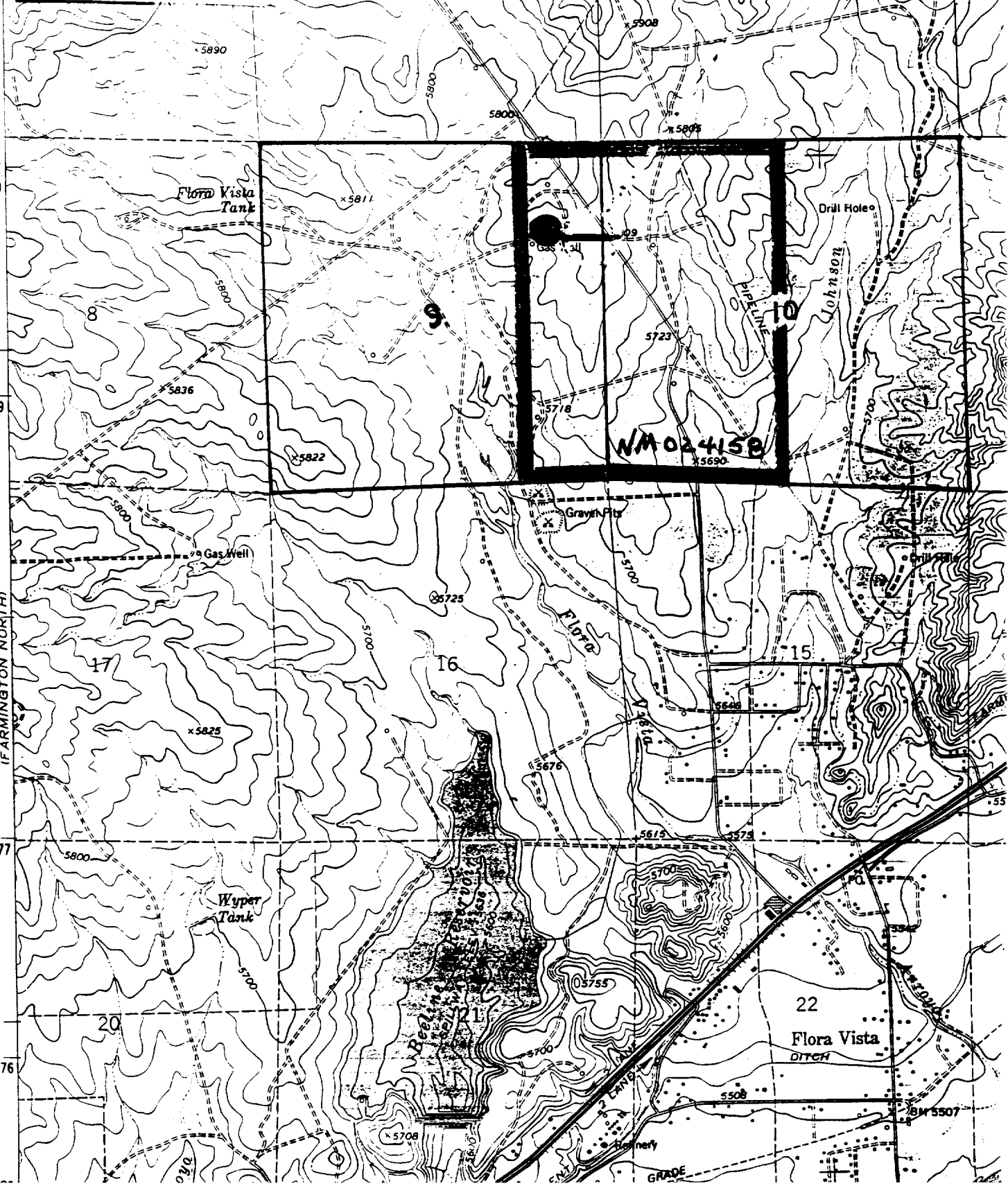
4080

4079

4357 (SW
(FARMINGTON NORTH)

4077

4076



$$\begin{array}{r}
 153.75 \\
 152.96 \\
 \hline
 306.71
 \end{array}$$

$$\begin{array}{r}
 153.75 \\
 152.96 \\
 \hline
 306.71
 \end{array}$$

$$\begin{array}{r}
 151.83 \\
 147.80 \\
 \hline
 299.63
 \end{array}$$