

30-139-24-134

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL

1b. TYPE OF WELL
GAS

2. OPERATOR
~~EL PASO NATURAL GAS CO.~~
Meridian Oil Inc.

3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4990
FARMINGTON, NM 87499

4. LOCATION OF WELL
1095'S 2225'W

5. LEASE NUMBER
NM-05493

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME
SAN JUAN 28-6 UNIT

8. FARM OR LEASE NAME
SAN JUAN 28-6 UNIT

9. WELL NO.
401

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL

11. SEC. T. R. M OR BLK.
N SEC. 10 T28N R06W NMPM

12. COUNTY
RIO ARRIBA

13. STATE
NM

14. DISTANCE IN MILES FROM NEAREST TOWN
4 MILES FROM GOBERNADOR

15. DISTANCE FROM
PROPOSED LOCATION 1095'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE
340

17. ACRES ASSIGNED TO WELL
283.40

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 500'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH
3380'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6510'GL

22. APPROX. DATE WORK WILL START

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

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

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

RECEIVED

MAY 19 1989

OIL CON. DIV.
DIST. 3

DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY *OK* _____ TITLE _____ DATE _____

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

NMOCC

OPERATIONS PLAN

DATE: APR 18,1989

Well Name: 401 SAN JUAN 28-6 UNIT 1095'S 2225'W
 Sec. 10 T28N R06W RIO ARRIBA NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6510'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2594
 Kirtland- 2725
 Fruitland- 3135
 Fruitland Coal Top- 3257
 Fruitland Coal Base- 3380
 Intermediate TD- 3237
 Total Depth- 3380
 Pictured Cliffs- 3382

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 - 3237	7"	20.0#	K-55
	6 1/4"	3187 - 3380	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3380	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 39 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. 193 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 S/2 of Section 10 is dedicated to this well.

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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 <i>Woodward & Lothrop</i> El Paso Natural Gas		Lease (NM-05493) San Juan 28-6 Unit		Well No. 401
Unit Letter H	Section 10	Township 28 North	Range 6 West	County Rio Arriba
Actual Footage Location of Well:				
1095 feet from the South line and		2225 feet from the West line		
Ground level Elev. 6510	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: Acres

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 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 unitization
- 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.

1095'

2225'

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

OPERATOR CERTIFICATION

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

Peggy Bradford
Signature

Peggy Bradford
Printed Name

Regulatory Affairs
Position

El Paso Natural Gas
Company

4-19-89
Date

4 3 2 1

1095'

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.

3-11-89
Date Surveyed

Neale G. Edwards
Signature of Professional Surveyor

NEW MEXICO
6857
LAND SURVEYORS

ST 28-6

401

