

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-25052 ✓
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-079049
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR EL PASO NATURAL GAS CO. <i>M. J. Williams Oil Inc.</i>	7. UNIT AGREEMENT NAME SAN JUAN 28-6 UNIT ✓
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 28-6 UNIT
4. LOCATION OF WELL 1065' FNL 1515' FEL 1865	9. WELL NO. 476 ✓
10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	11. SEC. T. R. M OR BLK. G SEC. 9 T27N R06W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 10 MI. S/W OF GOBERNADOR	12. COUNTY RIO ARRIBA ✓
15. DISTANCE FROM PROPOSED LOCATION 1515' TO NEAREST PROPERTY OR LEASE LINE.	13. STATE NM
16. ACRES IN LEASE 320	17. ACRES ASSIGNED TO WELL 320.00 ✓
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 500' COMPL., OR APPLIED FOR ON THIS LEASE.	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.
19. PROPOSED DEPTH 3159'	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6461' GL 6457 ✓	22. APPROX. DATE WORK WILL START 10/12/90
23. PROPOSED CASING AND CEMENTING PROGRAM	

*SEE OPERATIONS PERMIT

MAR 04 1991

24. AUTHORIZED BY: *Charles A. Jones for JWC*
REG. DRILLING ENGR.

OIL CON. DIV
DIST. 3

DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

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

NMOCD

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 <i>El Paso Natural Gas Company</i>		Lease San Juan 28-6 Unit		Well No. 476
Unit Lease G	Section 9	Township 27 North	Range 6 West	County NMPM Rio Arriba
Actual Footage Location of Well: 1865 feet from the North line and 1515 feet from the East line				
Ground level Elev. 6457'	Producing Formation Fruitland Coal		Foot Basin	Dedicated Acreage: 320 Acres

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

Reissued to show moved location

5229.18

1865'

1515'

9

RECEIVED
MAR 04 1991
OIL CON. DIV.
DIST. 3

SF-079049

5254.92

OPERATOR CERTIFICATION

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

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

El Paso Natural Gas

Company

11-13-90

Date

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.

11-12-90

Date Surveyed

Neale C. Edwards
Signature of Surveyor

Professional Surveyor



Certificate No.

Neale C. Edwards

Well Name: 476 SAN JUAN 28-6 UNIT
 Sec. 9 T27N R06W
 BASIN FRUITLAND COAL

1915'FNL 1515'FEL
 RIO ARriba NEW MEXICO
 Elevation 6461'GL

Formation tops: Surface- San Jose
 Ojo Alamo- 2256
 Kirtland- 2566
 Fruitland- 2956
 Fruitland Coal Top- 3014
 Fruitland Coal Base- 3156
 Pictured Cliffs- 3156

Total Depth- 3159

Logging Program: Mud logs from 2956 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3159	Non-dispersed	8.4 - 9.5	30-60	no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	8 5/8"	24.0#	K-40
	7 7/8"	0 - 3159	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3159	2 3/8"	4.7#	J-55

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

5 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2566'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 5 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembly

Cementing:

8 5/8" surface casing - cement with 211 sacks of class "B" cement with 1/4# flocculent/sack and 3% calcium chloride (248 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

5 1/2" production casing - lead with 510 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. 1102 cu ft. of slurry, 100% excess to circulate to surface. If hole conditions permit, a 600 ft spacer will be run ahead of the cement slurry to avoid mud contamination of the cement. WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC.

~~28N, 26W~~ 28-6 Unit #476

T27N, R6W MAP 1

30' New Construction

3,300 Existing BLM Lands

within Unit Boundaries

New BLM ROW

T27N, R6W

17: NE NS 700'

21: NE NS 1100'

22: NE 2100'

28N, R5W

31: N2 S W 3000'

NW SE 800'

SW NE 700'

E2 NE 4200'

30: E2 E2 5500'

19: E2 E2 5400'

18: E2 E2 5500'

7: SE SE 1500'

