

30-039-24975

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR RE-ENTRY, REOPEN, OR PLUG BACK

RECEIVED
OCT 25 1990

OIL CON. DIV.
DIST. 3

LEASE NUMBER
SF-079193

6. IF INDIAN, ALL. OR TRIBE NAME

1a. TYPE OF WORK
DRILL
1b. TYPE OF WELL
GAS

2. OPERATOR
~~EL PASO NATURAL GAS CO.~~
Mountain Oil Co.

3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1725' FNL 845' FEL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
SAN JUAN 28-6 UNIT
9. WELL NO.
461

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL
11. SEC. T. R. M OR BLK.
H SEC. 22 T28N R06W NMPM

14. DISTANCE IN MILES FROM NEAREST TOWN
6 MILES S/W OF GOBERNADOR

12. COUNTY
RIO ARRIBA
13. STATE
NM

15. DISTANCE FROM
PROPOSED LOCATION 845'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 2240
17. ACRES ASSIGNED TO WELL
320.00

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 300'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH 3397'
20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6553' GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: *St. Caldwel*
REG. DRILLING ENGR.

9/17/90
DATE

PERMIT NO. APPROVAL DATE

AS AMENDED

APPROVED BY TITLE DATE

John D. Kelly
OCT 11 1990

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

OKC

NMOCD

Submit to Appropriate
District Office
State Lease - 4 copies
For 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</i>			Lease San Juan (SF-079193) 28-6 Unit		Well No. 461
Unit Letter H	Section 22	Township 28 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well: 1725 feet from the North line and 845 feet from the East line					
Ground level Elev. 6553'		Producing Formation Fruitland Coal		Pool Basin	
Dedicated Acreage: .320					Acres

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

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DIST. 3

5282.64'

1725'

845'

22

SF-079193

5280.00'

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

Date

9-17-90

SURVEYOR CERTIFICATION

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

8-21-90

Date Surveyed

Neale C. Edwards
Signature
Professional



Certificate No.

Neale C. Edwards

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280.00'

Well Name: 461 SAN JUAN 28-6 UNIT
 Sec. 22 T28N R06W
 BASIN FRUITLAND COAL

1725'FNL 845'FEL
 RIO ARriba NEW MEXICO
 Elevation 6553'GL

Formation tops: Surface- San Jose
 Ojo Alamo- 2653
 Kirtland- 2764
 Fruitland- 3061
 Fruitland Coal Top- 3196
 Fruitland Coal Base- 3394
 Pictured Cliffs- 3394

Total Depth- 3397

Logging Program: Mud logs from 3061 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3397	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 - 3397	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3397	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 @ 2764'. 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# flocele/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 552 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. 1183 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.

