

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-25001 11 0:53
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.~~
Martinez & Sons
3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499
4. LOCATION OF WELL
1310' FSL 1330' FWL
5. LEASE NUMBER
NM-013657
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.
473
10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL
11. SEC. T. R. M OR BLK.
N SEC. 25 T28N R06W NMPM
12. COUNTY
RIO ARriba
13. STATE
NM
14. DISTANCE IN MILES FROM NEAREST TOWN
5 MILES S/W OF GOBERNADOR
15. DISTANCE FROM
PROPOSED LOCATION 1310'
TO NEAREST PROPERTY
OR LEASE LINE.
16. ACRES IN LEASE
966
17. ACRES ASSIGNED TO WELL
w/ 320.00
18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 400'
COMPL., OR APPLIED
FOR ON THIS LEASE.
19. PROPOSED DEPTH
3507'
20. ROTARY OR CABLE TOOLS
ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.)
6706' GL
22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM
24. AUTHORIZED BY: *McDonald*
REG. DRILLING ENGR.
25. ELEVATIONS (DF, FT, GR, ETC.)
26. APPROX. DATE WORK WILL START

*SEE OPERATIONS PLAN

RECEIVED

NOV 08 1990

OIL CON. DIV.

DIST. 3

9/28/90
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Ken Townsend

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

RECORD

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</i>		Lease (NM-013657)		Well No. 473
Unit Letter N	Section 25	Township 28 North	Range 6 West	County NMNM Rio Arriba
Actual Footage Location of Well: 1310 feet from the South line and 1330 feet from the West line				
Ground level Elev. 6706'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 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 unitization
If answer is "no" list the owners and tract descriptions which have recently 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.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name
Regulatory Affairs

Position
El Paso Natural Gas

Company

Date
9-27-90

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.

7-19-90

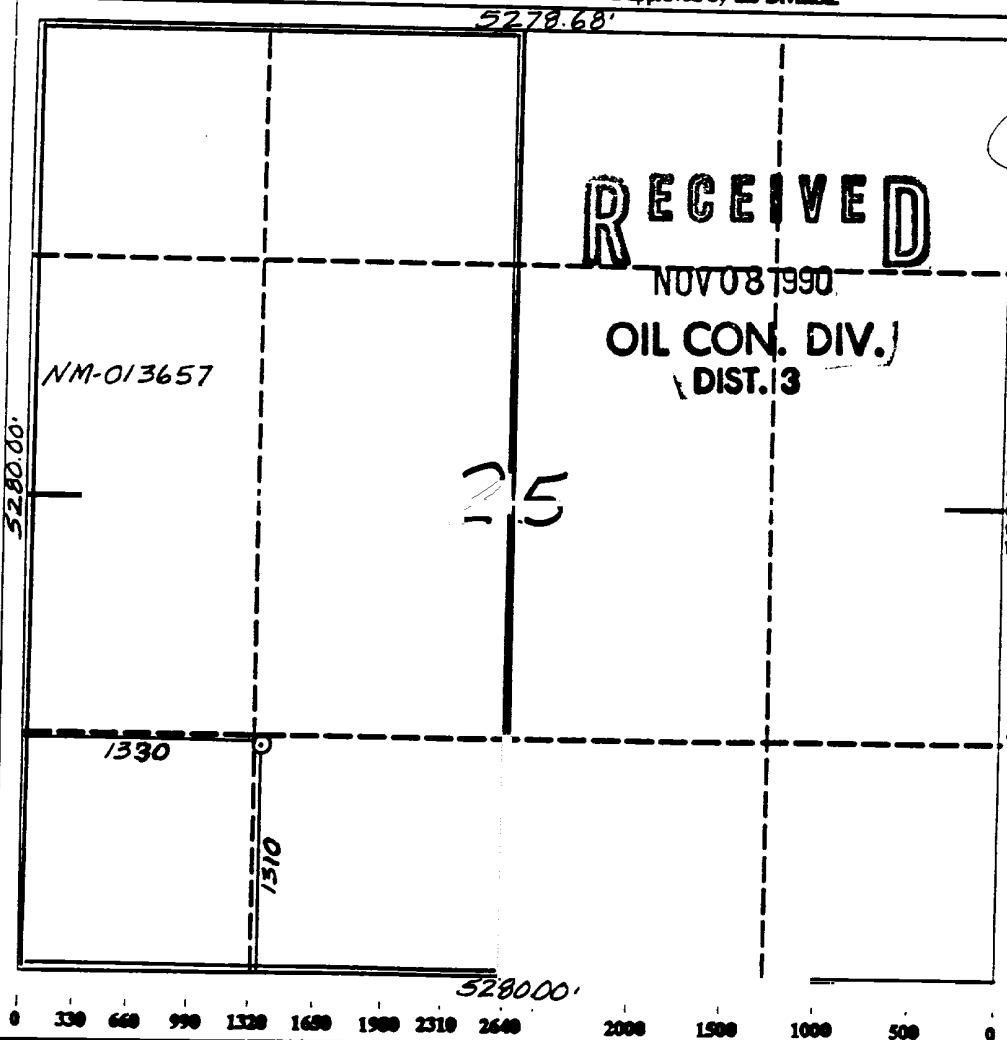
Date Surveyed

Neale C. Edwards
Signature

Professional Seal



Certificate
Neale C. Edwards



Well Name: 473 SAN JUAN 28-6 UNIT
 Sec. 25 T28N R06W
 BASIN FRUITLAND COAL

1310'FSL 1330'FWL
 RIO ARRIBA NEW MEXICO
 Elevation 6706'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2800
 Kirtland- 2919
 Fruitland- 3222
 Fruitland Coal Top- 3307
 Fruitland Coal Base- 3504
 Pictured Cliffs- 3504

Total Depth- 3507

Logging Program: Mud logs from 3222 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3507	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 - 3507	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3507	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 @ 2919'. 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 572 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. 1222 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.

within Unit Boundaries

