

30-039-24969

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. <i>Mission Oil Co.</i> 3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499 4. LOCATION OF WELL 1030' FSL 800' FWL 1410 14. DISTANCE IN MILES FROM NEAREST TOWN 4 MILES FROM GOVERNADOR 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 800' 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 800' COMPL., OR APPLIED FOR ON THIS LEASE. 21. ELEVATIONS (DF, FT, GR, ETC.) 6370' GL	5. LEASE NUMBER SF-078425 6. IF INDIAN, ALL. OR TRIBE NAME 7. UNIT AGREEMENT NAME SAN JUAN 29-7 UNIT 8. FARM OR LEASE NAME SAN JUAN 29-7 UNIT 9. WELL NO. 518 10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL 11. SEC. T. R. M OR BLK. SEC. 25 T29N R07W NMPM 12. COUNTY RIO ARRIBA 13. STATE NM 16. ACRES IN LEASE 2080 17. ACRES ASSIGNED TO WELL 320.00 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 3189' 20. ROTARY OR CABLE TOOLS ROTARY 22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM	

*SEE OPERATIONS PLAN

RECEIVED

24. AUTHORIZED BY: *[Signature]* OCT 9 1990
REG. DRILLING ENGR. OIL CON. DIV. DATE 4/16/90

PERMIT NO. **RECEIVED** APPROVAL DATE
APPROVED BY OCT 18 1990 TITLE DATE 10/14/1990

OIL CON. DIV.

NOTE: THIS FORM IS ISSUED IN LIEU OF US BLM FORM 3160-3.
APD originally submitted 09-11-89 but not approved. Rescinded 12-07-89.

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

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

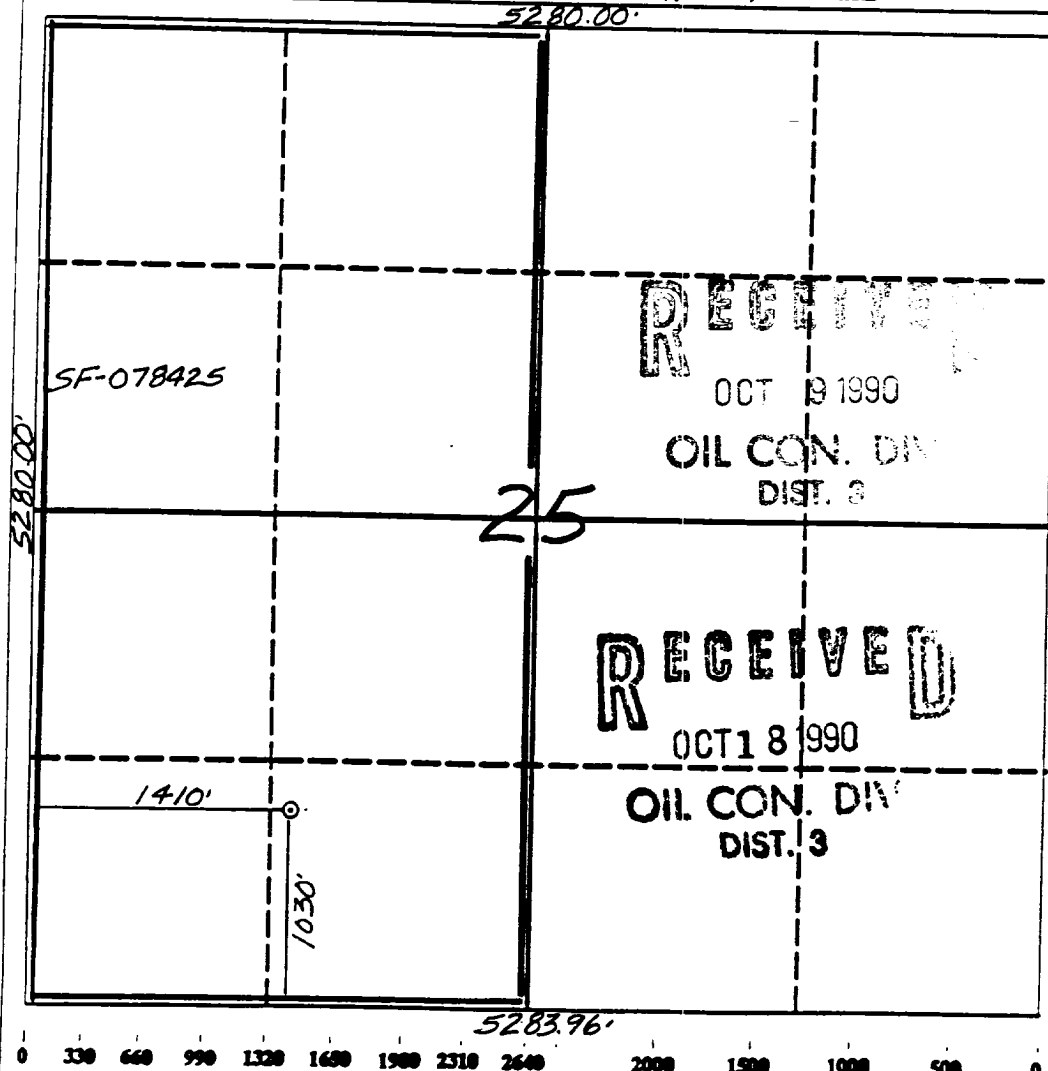
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <i>El Paso Natural Gas</i>			Lease San Juan 29-7 Unit		Well No. 518
Unit Letter N	Section 25	Township 29 North	Range 7 West	County Rio Arriba	
Actual Footage Location of Well: 1030 feet from the South line and 1410 feet from the West line					
Ground level Elev. 6378'		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, forced-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
El Paso Natural Gas

Date
4-26-90

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.

8-9-90

Date Surveyed

Signature *Neale C. Edwards*
Professional Surveyor



Certificate No.

Neale C. Edwards

Well Name: 518 SAN JUAN 29-7 UNIT
 Sec. 25 T29N R07W
 BASIN FRUITLAND COAL

2030'FSL 800'FWL
 RIO ARriba NEW MEXICO
 Elevation 6370'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2320
 Kirtland- 2414
 Fruitland- 2853
 Fruitland Coal Top- 2967
 Fruitland Coal Base- 3188
 Total Depth- 3189
 Pictured Cliffs- 3189

Logging Program: Mud logs from 2853 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no contro.
	200 - 3189	Non-dispersed	8.4 - 9.5	30-60	no contro.

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 - 3189	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3189	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.

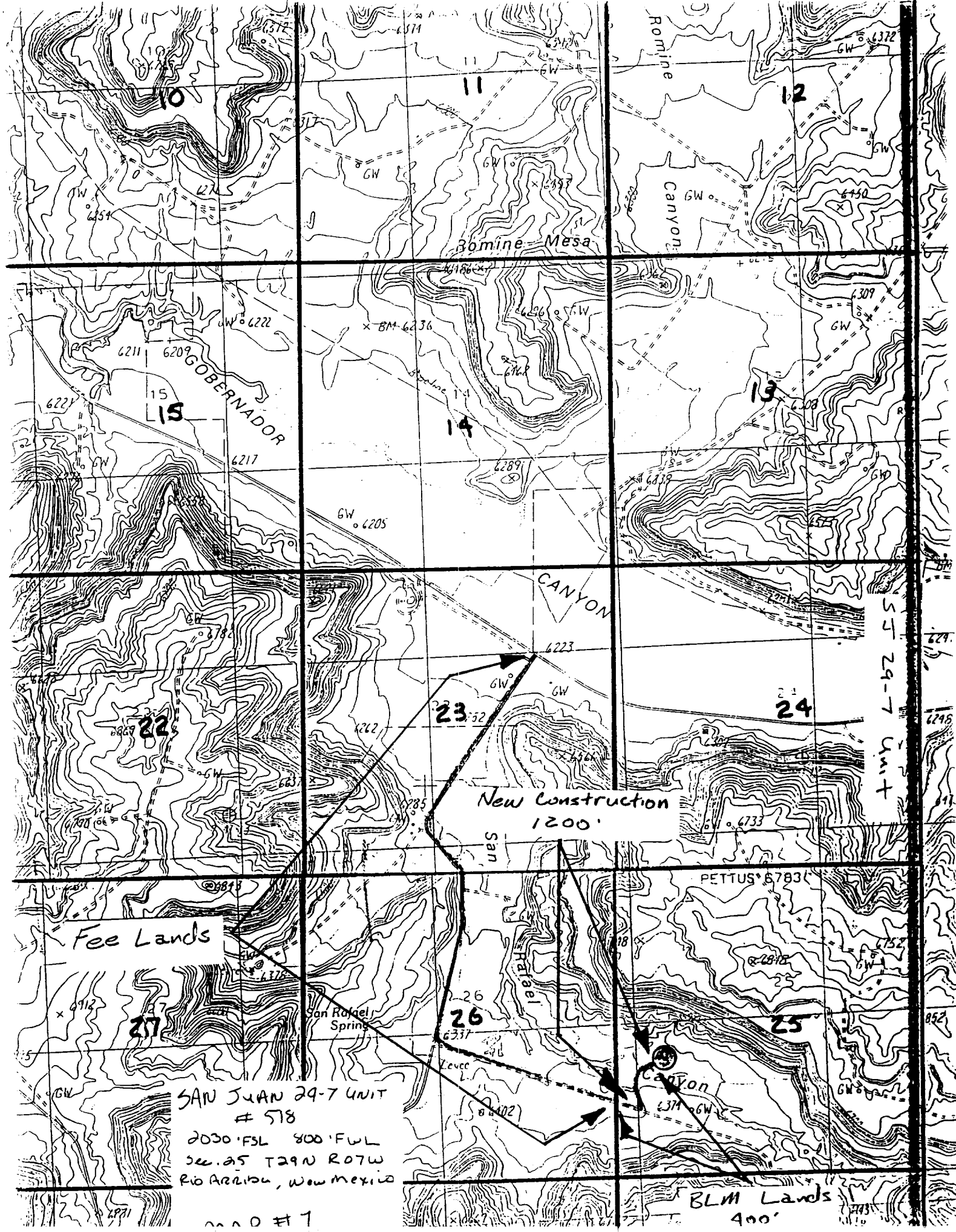
Three centralizers run every other joint above shoe and four centralizers run every other joint across Ojo Alamo.

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

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 515 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. 1112 cu ft. of slurry, 100% excess to circulate to surface. WOC 12 hours.



SAN JUAN 29-7 UNIT
518
2030' FSL 800' FWL
Sec. 25 T29N R07W
Rio Arriba, New Mexico

New Construction
1200'

Fee Lands

BLM Lands
400'

SJ 29-7 Unit

and #1