

50-139-24839

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

<p>1a. TYPE OF WORK DRILL</p> <p>1b. TYPE OF WELL GAS</p> <hr/> <p>2. OPERATOR EL PASO NATURAL GAS CO. <i>Mexican Oil Inc.</i></p> <hr/> <p>3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499</p> <hr/> <p>4. LOCATION OF WELL 2510'FNL 790'FEL</p> <hr/> <p>14. DISTANCE IN MILES FROM NEAREST TOWN 8 MILES FROM GOBERNADOR</p> <hr/> <p>15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 790'</p> <hr/> <p>18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 300' COMPL., OR APPLIED FOR ON THIS LEASE.</p> <hr/> <p>21. ELEVATIONS (DF, FT, GR, ETC.) 6866'GL</p>	<p>5. LEASE NUMBER SF-078424</p> <p>6. IF INDIAN, ALL. OR TRIBE NAME</p> <hr/> <p>7. UNIT AGREEMENT NAME SAN JUAN 29-7 UNIT</p> <hr/> <p>8. FARM OR LEASE NAME SAN JUAN 29-7 UNIT</p> <p>9. WELL NO. 525</p> <hr/> <p>10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL</p> <p>11. SEC. T. R. M OR BLK. SEC. 20 T29N R07W NMPM</p> <hr/> <p>12. COUNTY RIO ARriba</p> <p>13. STATE NM</p> <hr/> <p>16. ACRES IN LEASE 2160</p> <p>17. ACRES ASSIGNED TO WELL E/320.00</p> <p style="font-size: small;">This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.</p> <hr/> <p>19. PROPOSED DEPTH 3549'</p> <p>20. ROTARY OR CABLE TOOLS ROTARY</p> <p style="font-size: small;">DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"</p> <hr/> <p>22. APPROX. DATE WORK WILL START</p>
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23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

RECEIVED

JUL 16 1990

24. AUTHORIZED BY: *Chas. H. Jones Jr.*
REG. DRILLING ENGR.

OIL CON. DIV.
DIST. 3

6/18/90
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

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

APD was originally submitted 10-07-89 but was not approved.
APD was rescinded 12-07-89.

NM000

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 San Juan 29-7 Unit (SF-078424)		Well No. 525
Unit Letter H	Section 20	Township 29 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well: 2510 feet from the North line and 790 feet from the East line				
Ground level Elev. 6866'	Producing Formation Fruitland Coal		Pool 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 owner 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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OIL CON. DIV.
DIST. 3

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
6-18-90

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or 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.

Date Surveyed
9-18-89

Signature of Seeker
Noble C. Edwards

Professional Surveyor
857

REGISTERED LAND SURVEYOR

Certificate No.
6857

Well Name: 525 SAN JUAN 29-7 UNIT
 Sec. 20 T29N R07W
 BASIN FRUITLAND COAL

2510'FNL 790'FEL
 RIO ARRIBA NEW MEXICO
 Elevation 6866'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2553

Kirtland- 2736

Fruitland- 3311

Fruitland Coal Top- 3446

Fruitland Coal Base- 3544

Pictured Cliffs- 3572

Total Depth- 3549

Logging Program: Mud logs from 3311 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3549	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 - 3549	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3549	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.

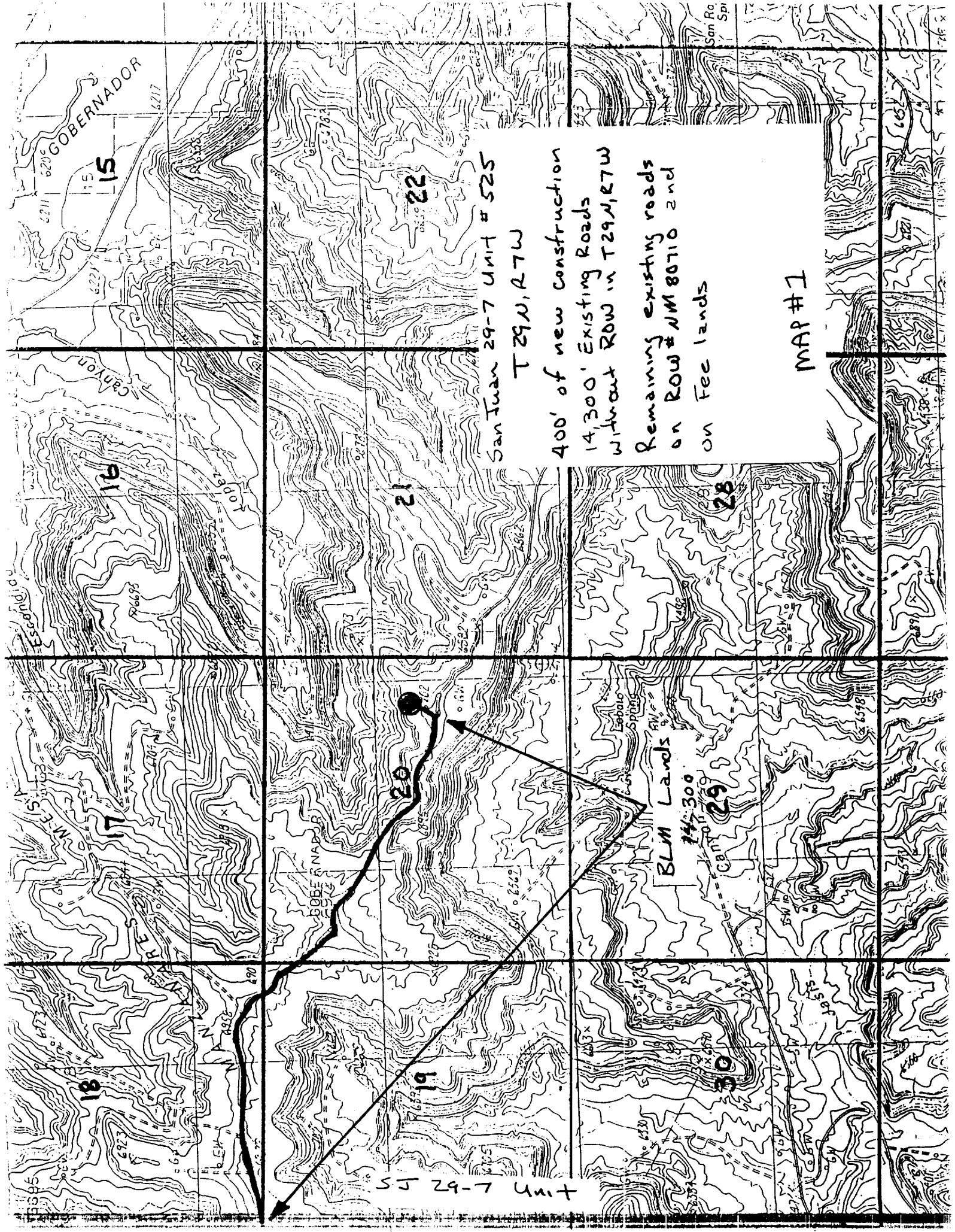
5 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2736'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 5 1/2" x 2 3/8" x 11" 3000 psi xmas tree 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 580 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. 1237 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.



San Juan 29-7 Unit # 525

T29N, R7W

400' of new construction
14,300' Existing Roads
without ROW in T29N, R7W
Remaining existing roads
on ROW # NM 80710 and
on Fee lands

MAP #1

BLM Lands

14,300'

Existing Roads

without ROW

in T29N, R7W

Remaining existing roads

on ROW # NM 80710 and

on Fee lands