

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-24796

RECEIVED
BUREAU OF LAND MANAGEMENT

JUN 11 1990 PM 2:12

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-078425
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR EL PASO NATURAL GAS CO. <i>El Paso Natural Gas Co.</i>	7. UNIT AGREEMENT NAME SAN JUAN 29-7 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 29-7 UNIT
4. LOCATION OF WELL 1195' FSL 1425' FWL	9. WELL NO. 529
14. DISTANCE IN MILES FROM NEAREST TOWN 4 MILES FROM GOBERNADOR	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. K SEC. 34 T29N R07W NMPM
15. DISTANCE FROM PROPOSED LOCATION 1195' TO NEAREST PROPERTY OR LEASE LINE.	12. COUNTY RIO ARriba
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 2080 320.00	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 400' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3426'
20. ROTARY OR CABLE TOOLS ROTARY	21. ELEVATIONS (DF, FT, GR, ETC.) 6682' GL
22. APPROX. DATE WORK WILL START	23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN
24. AUTHORIZED BY: <i>Danny Boone for JWC</i> REG. DRILLING ENGR.	25. OIL CON. DIV. DIST. 3 5-8-90 DATE

RECEIVED

JUN 18 1990

OIL CON. DIV.

DIST. 3

5-8-90
DATE

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

APPROVED

JUN 14 1990

AREA MANAGER

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.
APD was originally submitted 10-02-89 and was approved 10-24-89.
APD was rescinded 01-08-90.

RECEIVED
OFFICE OF THE
ATTORNEY GENERAL
STATE OF TEXAS
JAN 10 1964

APR 10 1964
AREA MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-107
Revised 1-1

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

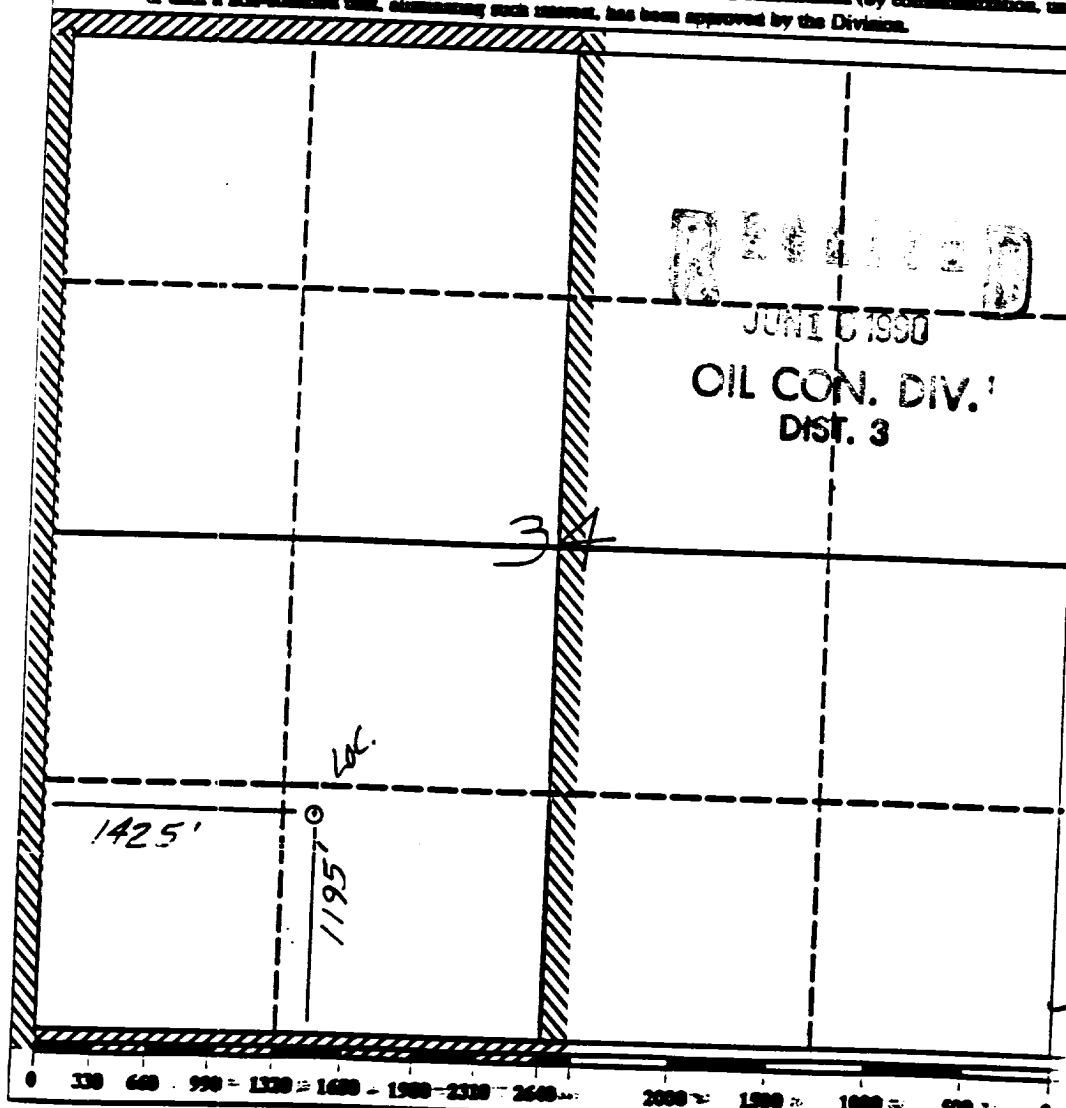
DISTRICT III
1000 Rio Breros Rd., Aztec, NM 87410

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 (SF-078425) San Juan 29-7 Unit		Well No. 529
Unit Letter K	Section 34	Township 29 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well: 1195 feet from the South line and 1425 feet from the West line				
Ground level Elev. 6682'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Ac

- Outline the acreage dedicated to the subject well by colored pencil or ink lines 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 commutation, 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 well be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a non-unitized tract, 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
5-8-90

Date

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 supervision, and that the same is true correct to the best of my knowledge and belief.

9-11-89
Date Surveyed

NEALE C. EDWARDS
Signature of Surveyor

Professional Surveyor

REGISTERED LAND SURVEYOR
6857

California No.

6857

Well Name: 529 SAN JUAN 29-7 UNIT
 Sec. 34 T29N R07W
 BASIN FRUITLAND COAL

1195' FSL 1425' FWL
 RIO ARriba NEW MEXICO
 Elevation 6682' GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2474
 Kirtland- 2711
 Fruitland- 3147
 Fruitland Coal Top- 3311
 Fruitland Coal Base- 3421
 Pictured Cliffs- 3427

Total Depth- 3426

Logging Program: Mud logs from 3147 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3426	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 - 3426	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3426	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 @ 2711'. 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 558 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. 1195 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 #529
T29N, R7W

100' New Construction
9,000' of existing BLM Roads
located within Unit
Boundaries

Remaining existing roads
are on fee lands

MAP #1

