

30-039-34590

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER NM-04139
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR EL PASO NATURAL GAS CO. <i>Mountain Oil Inc.</i>	7. UNIT AGREEMENT NAME SAN JUAN 30-6 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 30-6 UNIT
4. LOCATION OF WELL 1295'S 1630'W	9. WELL NO. 446
14. DISTANCE IN MILES FROM NEAREST TOWN 6 MILES FROM GOBERNADOR	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION 1295' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. N SEC. 35 T30N R06W NMPM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 320.00	12. COUNTY 13. STATE RIO ARRIBA NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 300' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 3482' ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6549'GL	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: *[Signature]*
REGULATORY AFFAIRS

RECEIVED
DEC 01 1989

7-11-89
DATE

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

OIL CON. DIV. APPROVED
DIST. 3 AS AMENDED

NOV 28 1989

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

AREA MANAGER

ABBA MAMABEH
KIRI
AS AMENYO
ATIRUO

Submit to Appropriate
District Office
State Leases - 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 30-6 Unit (NM-04139)		Well No. 446
Unit Letter N	Section 35	Township 30 North	Range 6 West	County NMPM Rio Arriba
Actual Footage Location of Well: 1295 feet from the South line and 1630 feet from the West line				
Ground level Elev. 6549'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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

Regulatory Affairs

Position

El Paso Natural Gas

Company

Date

9-11-89

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 and correct to the best of my knowledge and belief.

Date Surveyed

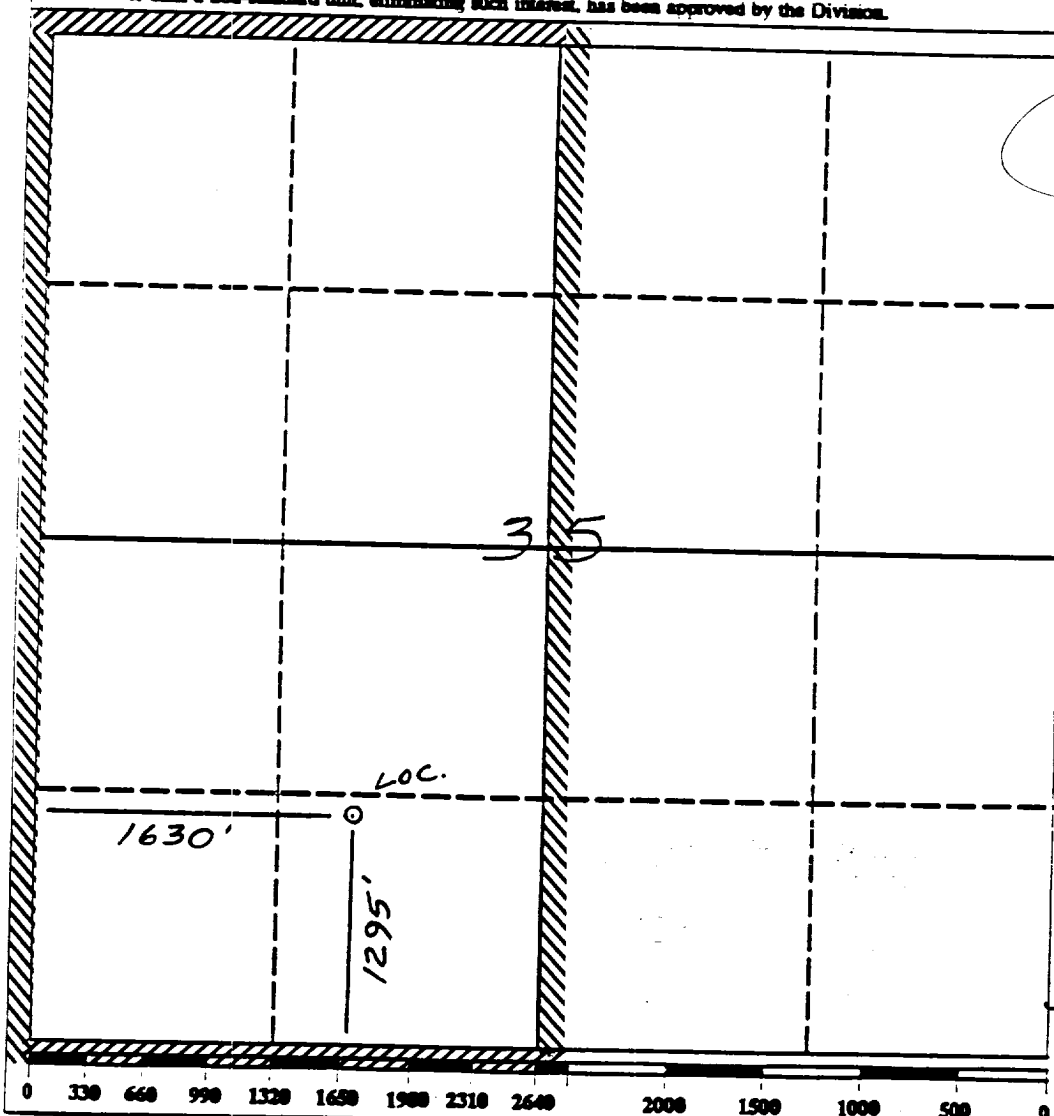
8-21-89

Signature of Sealer
Professional Surveyor

857

Certificate No.

6857



Well Name: 446 SAN JUAN 30-6 UNIT
 Sec. 35 T30N R06W
 BASIN FRUITLAND COAL

1295'S 1630'W
 RIO ARRIBA NEW MEXICO
 Elevation 6549'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2521
 Kirtland- 2755
 Fruitland- 3158
 Fruitland Coal Top- 3274
 Fruitland Coal Base- 3481
 Intermediate TD- 3254
 Total Depth- 3482
 Pictured Cliffs- 3485

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3254	Non-dispersed	8.4 - 9.1	30-60	no control
	3254 - 3482	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3254	7"	20.0#	K-55
	6 1/4"	3204 - 3482	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3482	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Run insert float one joint above the guide shoe.

5 1/2" production casing - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

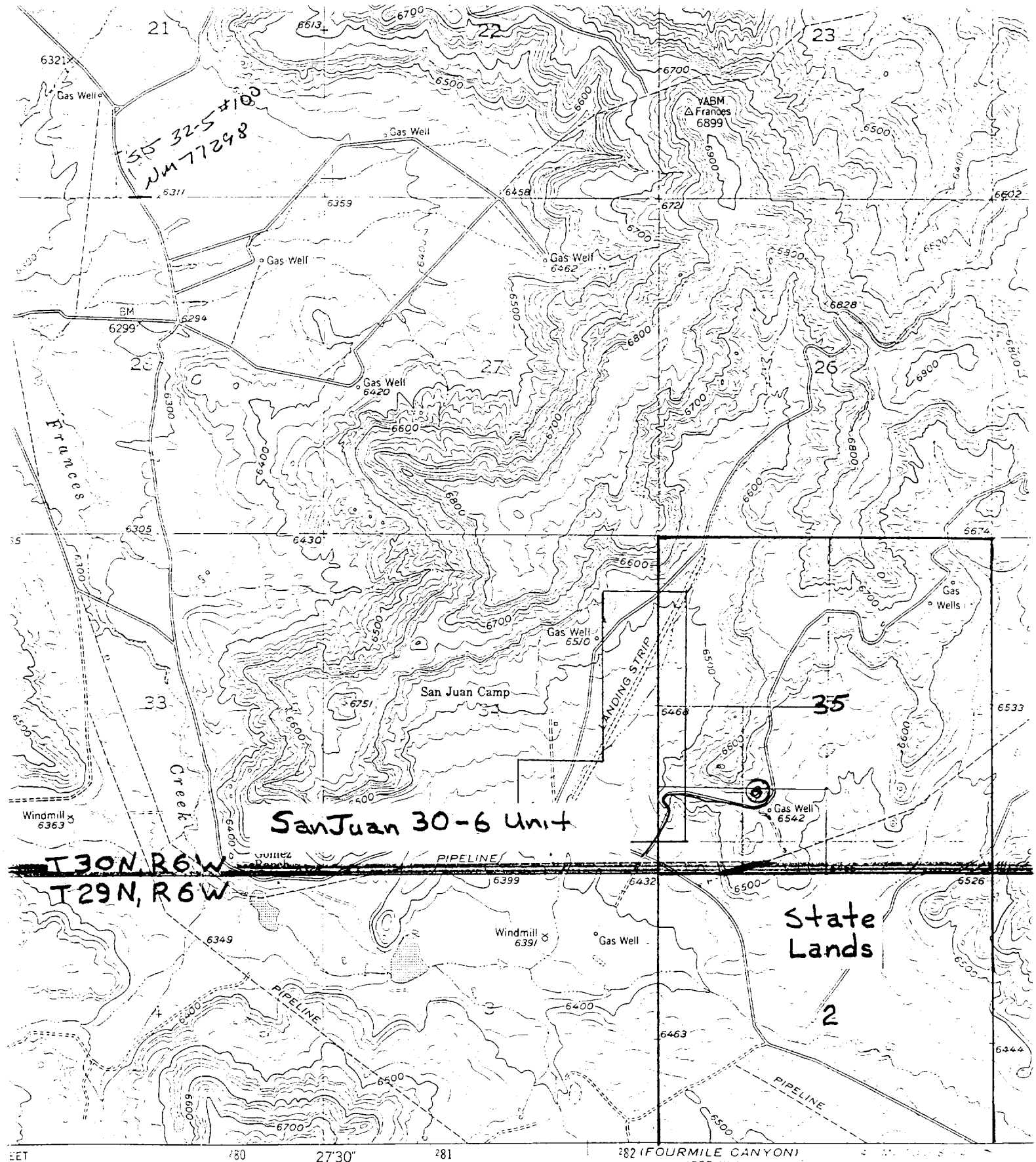
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 106 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (125 cu ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 53 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. 220 cu ft. of slurry, 100% excess to cover the Ojo Alamo. Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1500 psi for 30 minutes.

5 1/2" liner - do not cement.



San Juan 30-6 Unit # 446

SCALE 1:24,000

1" = 26 MILS

1" = 2.22 MILES

0 1000 4000 5000 6000 7000 FEET

0 1 KILOMETER

VERTICAL DATUM OF 1929

M 20 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. TYPE OF WELL GAS		5. LEASE NUMBER NM-04139	
2. OPERATOR EL PASO NATURAL GAS CO.		6. IF INDIAN, ALL. OR TRIBE NAME	
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499		7. UNIT AGREEMENT NAME SAN JUAN 30-6 UNIT	
4. LOCATION OF WELL 1295'S 1630'W		8. FARM OR LEASE NAME SAN JUAN 30-6 UNIT	
		9. WELL NO. 446	
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 35 T30N R06W NMPM	
14. PERMIT NO. 30-039-	15. ELEVATIONS 6549'GL	12. COUNTY RIO ARRIBA	13. STATE NM
16. SUBSEQUENT REPORT OF: SPUD			
17. Describe proposed or completed operations			

SPUD DATE: 120989 SPUD TIME: 1930

TD 230' Ran 5 jts of 9 5/8" 40.0# N-80 casing, 211' set @ 223'
Cemented with 160 sacks of Class B cement with 1/4#
Flocele/sack and 3% calcium chloride, (189 cu ft.).
Circulated 10 bbl to surface. WOC 12 hours.
Pressure tested to 600 psi for 30 minutes. Held OK.

DATE: 121289

TD 3254', Ran 80 jts of 7" 23.0# K-55 casing, 3241' set @ 3253'
Lead with 550 sacks of Class B cement 65/35
Poz, 6% gel, 2% CaCl₂, .5 cu ft perlite (902 cu ft.).
Tail with 100 sacks of Class B cement with
2% CaCl₂ (118 cu ft.). Circulated 28 bbl to surface.

18. AUTHORIZED BY: Mark B. [Signature]
REGULATORY AFFAIRS

12-18-89
DATE

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-5.

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(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITION OF APPROVAL, IF ANY:

Smh