

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 01365	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Al Paso Natural Gas Company		7. UNIT AGREEMENT NAME Buerfano Unit	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico - 87401		8. FARM OR LEASE NAME Buerfano Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650'N, 990'W At proposed prod. zone		9. WELL NO. 119	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15, T-26-N, R-10-W N.M.	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320.00		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 6870'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6681' OL			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	6 5/8"	24#	200'	190 lbs. to circulate
7 7/8"	4 1/2"	10.5#	6870'	635 lbs. - 3 stages

Production Casing Cementing:

First stage w/260 sacks to fill from total depth to the top of the Gallup.
Second stage w/190 sacks to cover the Mesa Verde.
Third stage w/185 sacks to cover the Pictured Cliffs

Selectively perforate and sand water fracture the Dakota formation.

The W/2 of Section 15 is dedicated to this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original signed by
SIGNED Carl E. Matthews TITLE Petroleum Engineer DATE 2-13-69

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY 24 TITLE _____ DATE FEB 13 1969
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.



Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both. Pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly in regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal or State agency.

Item 1: If the proposal is to re-enter to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-123
Effective 1-1-69

All distances must be from the center of unitaries.

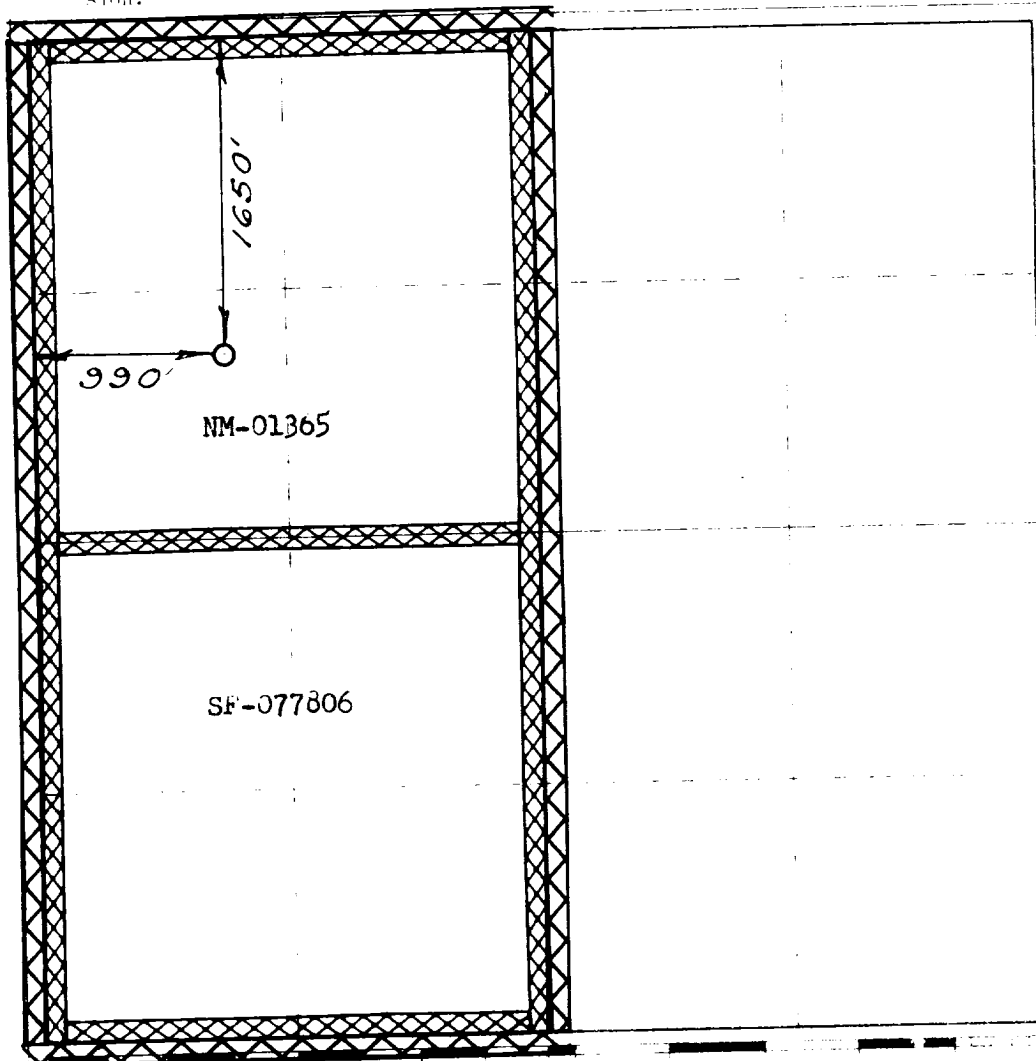
EL PASO NATURAL GAS COMPANY			HUERFANO UNIT		(NM-01365)	119
E	15	26-N	10-W	SAN JUAN		
1650	NORTH		990	WEST		
6681	DAKOTA		BASIN DAKOTA		320.00	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interests of all leases consolidated by communitization, unitization, forced pooling, etc?

Yes No If answer is "yes" type of consolidation: Unitization

If answer is "no," list the owners and their 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, forced-pooling, or otherwise or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information furnished herein is true and complete to the best of my knowledge and belief.

Original signed by
Carl E. Matthews

Petroleum Engineer

El Paso Natural Gas Company

February 13, 1969

I hereby certify that the well location shown on this plat was obtained from reliable sources of actual survey made by me or by a competent person, and that the same are correct to the best of my knowledge and belief.

DECEMBER 5, 1968

David O'Brien
1760