

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. SP 078414-A																
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME																
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico - 87401		8. FARM OR LEASE NAME Day																
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1750'N, 920'W At proposed prod. zone		9. WELL NO. 5																
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Undesignated P. C.																
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. 18, T-29-N, R-8-W N.M.P.M.																
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH San Juan																
17. NO. OF ACRES ASSIGNED TO THIS WELL 173.87		13. STATE New Mexico																
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 3165'																
20. ROTARY OR CABLE TOOL		21. APPROX. DATE WORK WILL START*																
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6454' GL		23. PROPOSED CASING AND CEMENTING PROGRAM																
<table border="1"><thead><tr><th>SIZE OF HOLE</th><th>SIZE OF CASING</th><th>WEIGHT PER FOOT</th><th>SETTING DEPTH</th><th>QUANTITY OF CEMENT</th></tr></thead><tbody><tr><td>12 1/4"</td><td>8 5/8"</td><td>24#</td><td>120'</td><td>85 Sks. to circulate</td></tr><tr><td>6 3/4"</td><td>2 7/8"</td><td>6.4#</td><td>3165'</td><td>155 Sks. to fill from total depth to the top of the Kirtland formation.</td></tr></tbody></table>				SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	12 1/4"	8 5/8"	24#	120'	85 Sks. to circulate	6 3/4"	2 7/8"	6.4#	3165'	155 Sks. to fill from total depth to the top of the Kirtland formation.
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT														
12 1/4"	8 5/8"	24#	120'	85 Sks. to circulate														
6 3/4"	2 7/8"	6.4#	3165'	155 Sks. to fill from total depth to the top of the Kirtland formation.														

Selectively perforate and sand water fracture the Pictured Cliffs formation.

Lots 2, 3, 4, SE/4NW/4; E/2 SW/4 Sec. 18 is dedicated to this well.

Subject to BDDCC Non-Standard promotion Unit Order #R-3669.



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. SIGNED Original Signed F. H. WOOD TITLE Petroleum Engineer DATE 5-13-69

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY GA TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

*See Instructions On Reverse Side

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 with 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 and/or State office.

Item 1: If the proposal is to re-drill 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 O.C.C. Form No. 1-66
Effective 1-66

All distances must be from the outer boundaries of the section.

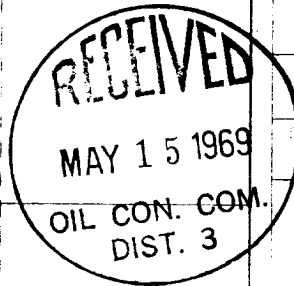
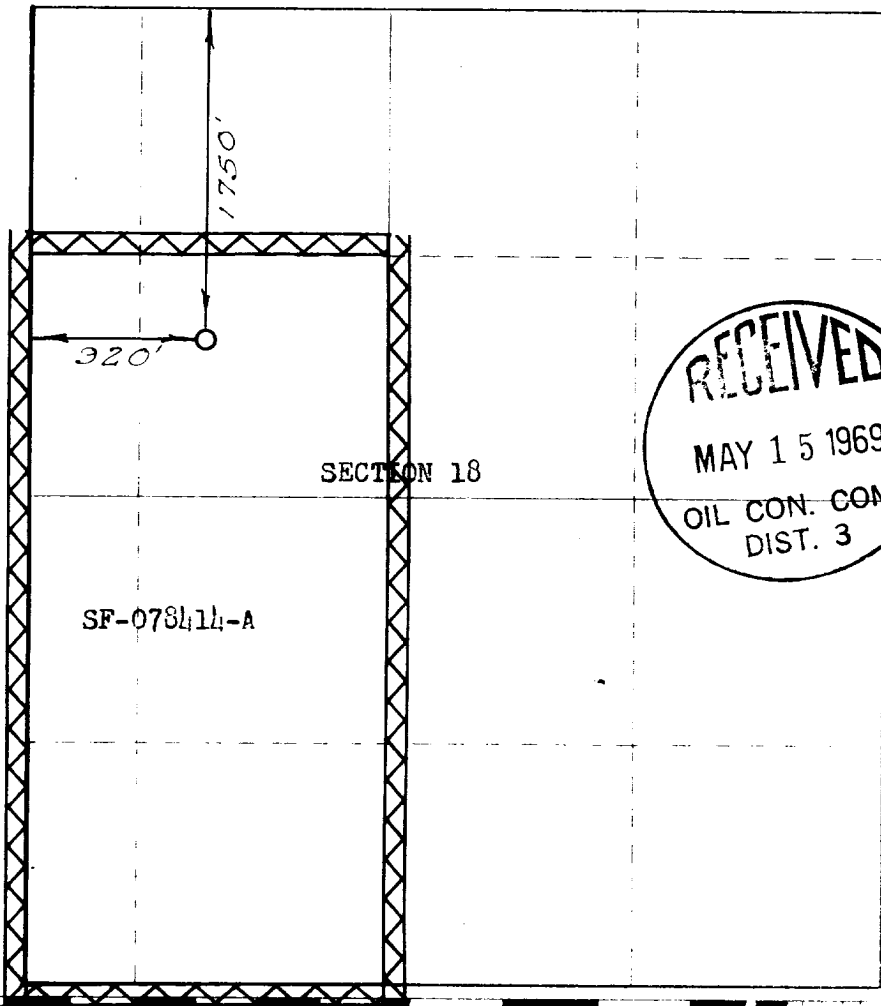
EL PASO NATURAL GAS COMPANY		DAY		(SF-078411-A)m	5
F	18	29-N	8-W	SAN JUAN	
1750	NORTH		920	WEST	
6454	PICTURED CLIFFS		UNDESIGNATED PICTURED CLIFFS		173.87

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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

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 interests, has been approved by the Commission. **NOTE: ACREAGE DEDICATION PER N. M. O. C. C. ORDER #R-3669**



CERTIFICATION

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

Original Signed F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Co.

May 13, 1969

I hereby certify that the well location shown on this plat is correct to the best of my knowledge and belief.

FEBRUARY 17, 1969

David O. Kline
1760

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Supersedes O-120
1-10-1964

All distances must be from the outer boundaries of the section.

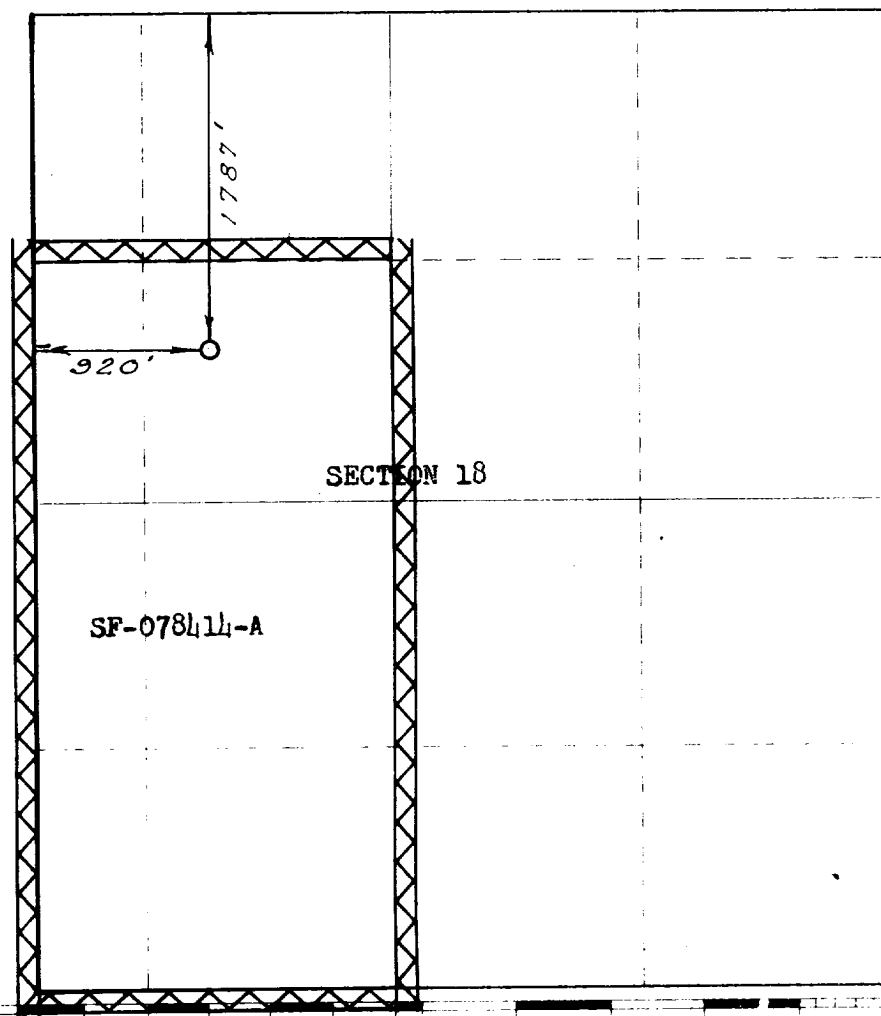
EL PASO NATURAL GAS COMPANY			DAY (SF-078414-A)		5
F	18	29-N	8-W	SAN JUAN	
1787	NORTH		920	WEST	
6454	PICTURED CLIFFS		UNDESIGNATED PICTURED CLIFFS		173.87

- 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 (to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (attach to 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 interests, has been approved by the Commission. **NOTE: ACREAGE DEDICATION PER N. M. O. C. C. ORDER #R-3669**



CERTIFICATION

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

Original Signed F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Co.

May 21, 1969

I hereby certify that the well location shown on this plat was located from field notes of actual survey made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

FEBRUARY 17, 1969

David O. Kline
1760

NOTE: THIS PLAT IS REISSUED TO SHOW MOVED LOCATION 5-20-69