

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. #14-20-603-772
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Allotment Contract
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 Ka-Des-Pah
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1530'N, 450'W At proposed prod. zone		9. WELL NO. 2
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 drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T-26-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 320.28		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6182' CL		22. APPROX. DATE WORK WILL START*
23. PROPOSED CASING AND CEMENTING PROGRAM		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	170 Sks. to circulate
7 7/8"	4 1/2"	10.5#	6510'	635 Sks - 3 Stages

Production Casing Cementing:

First stage w/250 sacks to fill from total depth to the top of the Gallup formation.
Second stage w/195 sacks to cover the Mesa Verde formation.
Third stage w/190 sacks to cover the Pictured Cliffs formation.

The Dakota formation will be selectively perforated and sand water fractured.

The W/2 of Section 18 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. If proposal is to install a preventer program, if any.

24. Original signed by
SIGNED Carl E. Matthews TITLE Petroleum Engineer DATE February 23, 1968

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator EL PASO NATURAL GAS COMPANY		Lease KA DES PAH		NAVAJO ALLOT. CONT. NO. 14-20-603-772		Well No. 2
Unit Letter E	Section 18	Township 26-N	Range 3-W	County SAN JUAN		

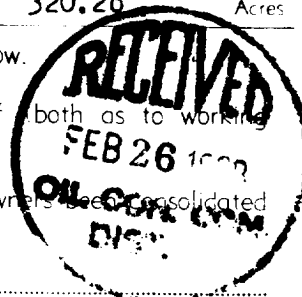
Actual Footage Location of Well:
1530 feet from the **NORTH** line and **450** feet from the **WEST** line
 Ground Level Elev **6182** Producing Formation **DAKOTA** Pool **BASIN DAKOTA** Dedicated Acreage **320.28** Acres

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

☒ Yes ☐ No If answer is "yes," type of consolidation **To be Communitized**

If answer is "no," list the owners and tract descriptions which have actually 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.



CERTIFICATION

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

Original signed by
Carl E. Matthews

Name

Petroleum Engineer

Position

El Paso Natural Gas Company

Company

February 23, 1968

Date

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

FEBRUARY 16, 1968

Registered Professional Engineer
and/or Land Surveyor.

Certificate No. **1760**

