

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-20727

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 990, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

2134'N, 1190'E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5628' EX GL

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

2175'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

167.85

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

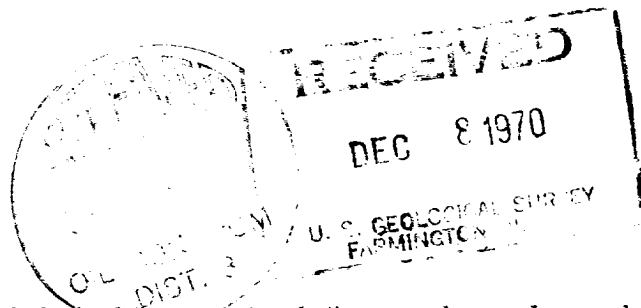
23.

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#	220'	175 Sks. to circulate
6 3/4"	2 7/8"	6.4#	2175'	100 Sks. to cover the Ojo Alamo
				220

Selectively perforate and sand water fracture the Pictured Cliffs formation.

The NE/4 of Section 19 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.

SIGNED

JOHN P. WOOD

TITLE

Petroleum Engineer

DATE

12-8-70

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

JA

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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 redrill 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-128
Effective 1-1-68

All distances must be from the outer boundaries of the Section

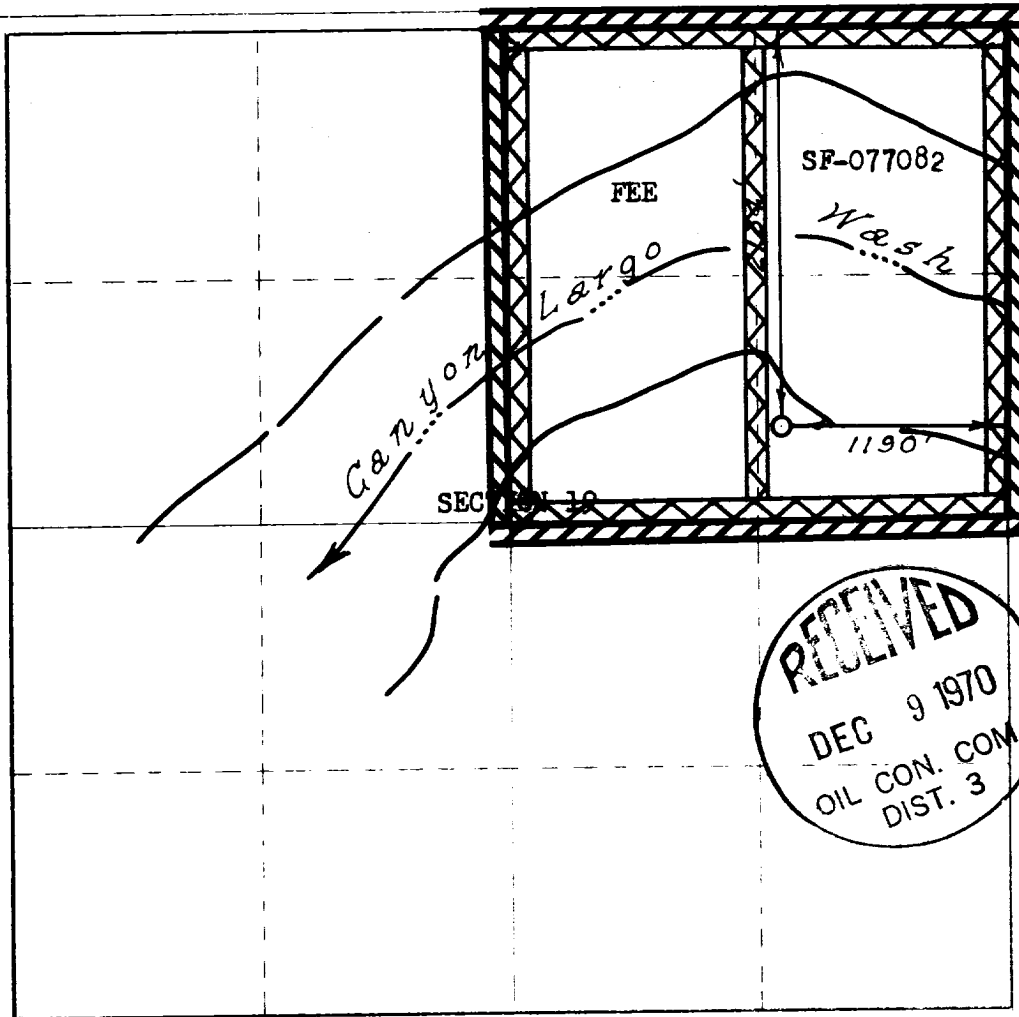
EL PASO NATURAL GAS COMPANY		LACKEY		(SF-077082)	4
Section	19	29-N	9-W	SAN JUAN	
Acres	2134	NORTH	1190	EAST	
Section	5628	PICTURED CLIFFS	BLANCO PICTURED CLIFFS EXT.	167.85	

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.



CERTIFICATION

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

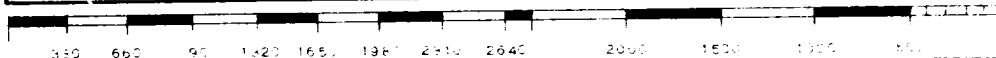
Original Signed F. H. WOOD

Date
Petroleum Engineer
Firm
El Paso Natural Gas Company
Date
November 25, 1970
Signature

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.

NOVEMBER 20, 1970

David Olsen
1760



El Paso Natural Gas Company

El Paso, Texas 79999

November 25, 1970



ADDRESS REPLY TO
POST OFFICE BOX 990
SANTA FE, NEW MEXICO 87401

Mr. A. L. Porter, Secretary & Director
New Mexico Oil Conservation Commission
Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

This is a request for administrative approval for an unorthodox gas well location which will be an extension to the Blanco Pictured Cliffs Field.

It is intended to locate this well, El Paso Natural Gas Company Lackey No. 4, 2134' from the north line and 1190' from the east line of Sec. 19, T-29-N, R-9-W, N. M. P. M., San Juan County, New Mexico. The NE/4 of Section 19 is dedicated to this well.

Largo Canyon cuts through the NE/4 of Section 19 in such a manner that a well site cannot be constructed at an orthodox location for a reasonable cost. (See the attached plat).

Pan American Petroleum Corporation is the only offsetting operator to this well. Pan American has been notified of this request by certified mail and requested to sign a waiver so that approval of this request may be granted as early as possible. Notification was addressed to: Pan American Petroleum Corporation
Security Life Building
Denver, Colorado 80202

Plats showing ownership of offsetting leases and well location and acreage plats for the subject well are attached.

Yours very truly,

A handwritten signature in cursive script, appearing to read "F. H. Wood".

F. H. Wood,
Division Petroleum Engineer

FHW:dgb

cc: Emery Arnold w/Attch.
Chuck Higgins w/Attachments
P. T. McGrath w/Attachments

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

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Section	19	Range	29-N	Meridian	9-W	SAN JUAN	
Acres	2134	North	1190	East			
Section	5628	PICTURED CLIFFS		BLANCO PICTURED CLIFFS EXT.		167.85	

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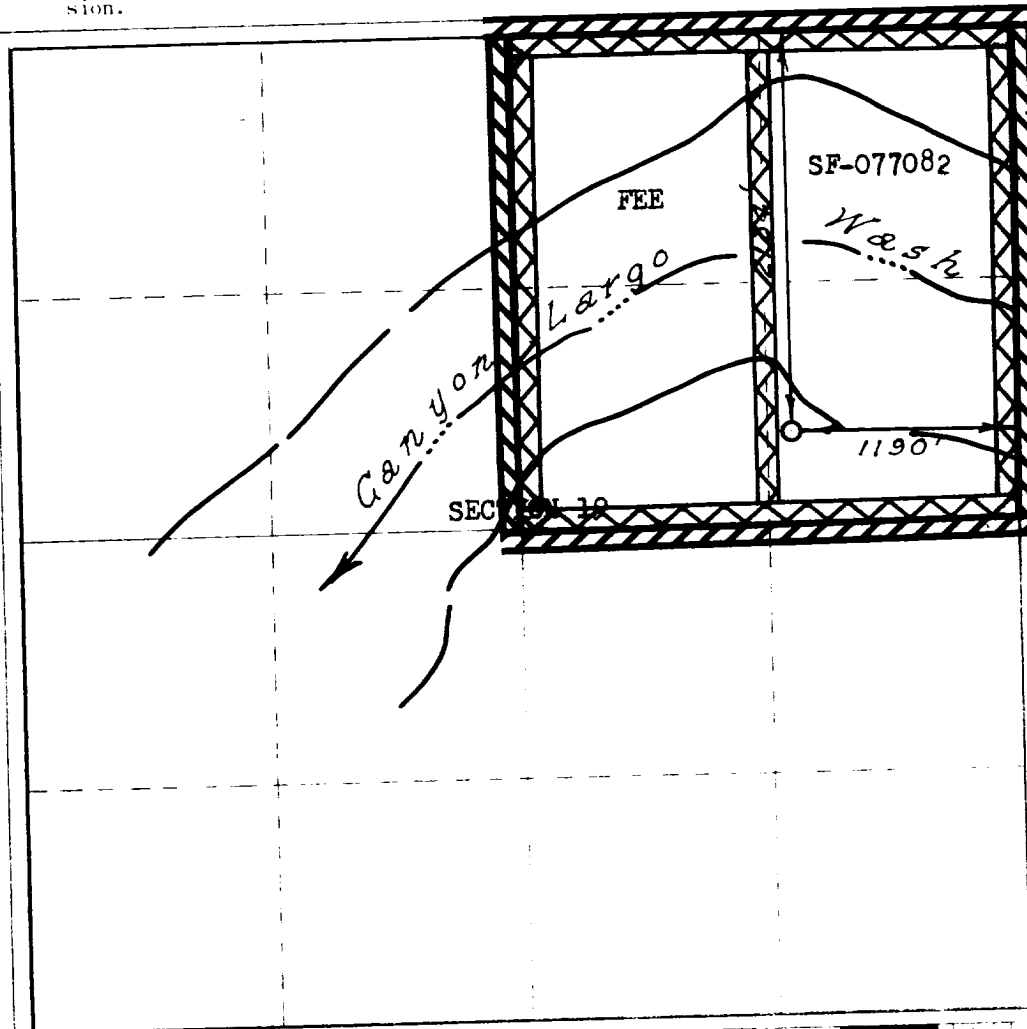
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☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.



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 Company

November 23, 1970

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

NOVEMBER 20, 1970

David Olsen

1760

