

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 ☐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

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

1500'S, 1550'W

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 drlg. line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

152.21

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3188

20. ROTARY OR CABLE TOOLS

Rotary

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

7174'G, 7184'DF

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#	120'	100 Sks.
6 1/4"	2 7/8"	6.4#	3188'	130 Sks.

It is intended to drill a well with rotary tools using mud circulation from surface to total depth. Possible producing zones in the Pictured Cliffs formation will be perforated and fractured.

The SW/4 of Section 31 is dedicated to this well.

RECEIVED

MAY 4 1964

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

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 E. S. OBERLY

TITLE Petroleum Engineer

DATE 5-1-64

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

Section A.

Date

APRIL 21, 1964

Operator **EL PASO NATURAL GAS COMPANY** Lease **LINDRITH UNIT** **SF-078910**
 Well No. **54** Unit Letter **K** Section **31** Township **24-N** Range **2-W** NMTM
 Located **1500** Feet From **SOUTH** Line **1550** Feet From **WEST** Line
 County **RIO ARriba** G. L. Elevation **7174** Dedicated Acreage **~~152.21~~ 152.57**
 Name of Producing Formation **PICTURED CLIFFS** Pool **SOUTH BLANCO PICTURED CLIFFS**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes ☒ No ☐
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☐ No ☐ If answer is "yes", Type of Consolidation:

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



Section B.

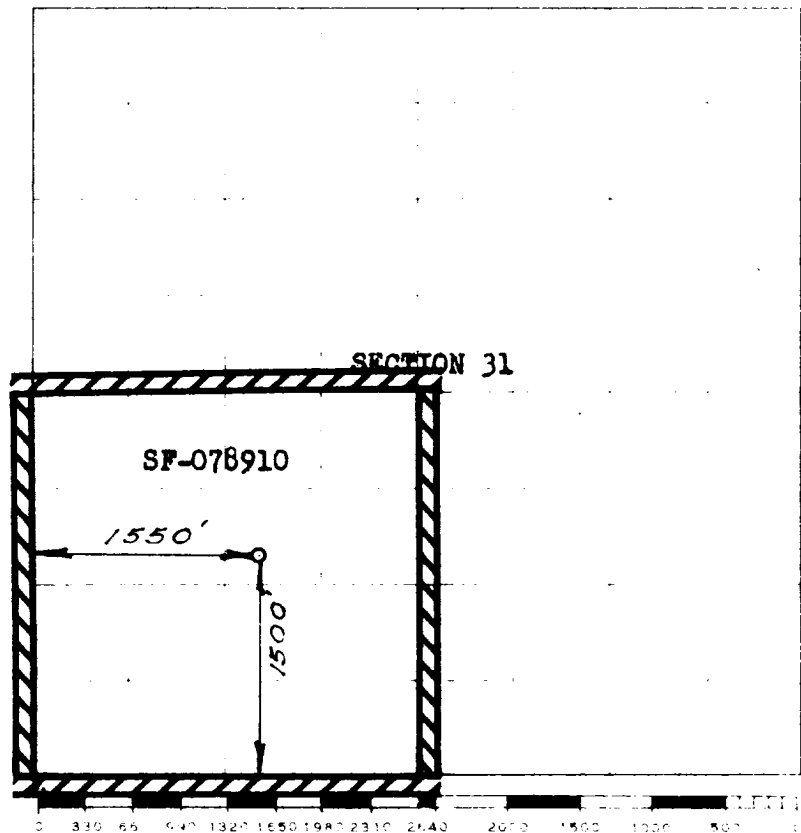
Note: All distances must be from outer boundaries of section.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

El Paso Natural Gas Company
 (Operator)
 OR G'NAL SIGNED E. S. OBERLY
 (Representative)

Box 990
 (Address)

Farmington, New Mexico



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual survey made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed

FEBRUARY 18, 1964

Farmington, New Mexico

Paul O. Kilner
 Registered Professional Engineer and/or Land Surveyor

EL PASO NATURAL GAS COMPANY

3-25-68

WELLS REQUIRING FILE CORRECTIONS ONLY

<u>LEASE NAME & WELL NUMBER</u>	<u>LOCATION</u>	<u>POOL</u>	<u>PRESENT ACREAGE</u>	<u>CORRECT ACREAGE</u>
Pipkin B #1	C-1-23N-6W	Ballard PC	160	160.96 ✓
Federal #27	D-6-24N-1W	Gavilan PC	160	158.88 ✓
Lindrith Unit #54	K-31-24N-2W	So. Blanco PC	152.21	152.07 ✓
Canyon Largo Unit #11	D-3-25N-6W	So. Blanco PC	159.25	161.37 ✓
Canyon Largo Unit #25	D-4-25N-6W	So. Blanco PC	160	161.22 ✓
Sheets C #7	B-6-25N-7W	Ballard PC	161.68	160.60 ✓
Foster #2	F-7-25N-7W	Ballard PC	160	159.79 ✓
Huerfanito Unit #154	B-1-25N-10W	Undes. PC	161.74	159.91 ✓
Jicarilla #14	F-18-26N-5W	So. Blanco PC	160	159.60 ✓
Jicarilla #9	M-18-26N-5W	So. Blanco PC	160	159.60 ✓
Jicarilla #4	F-19-26N-5W	So. Blanco PC	160	159.59 ✓
Rincon Unit #13	D-6-26N-6W	So. Blanco PC	160.	161.81 ✓
Rincon Unit #11	K-6-26N-6W	Basin Dakota	S 320	S 321.35 ✓
Rincon Unit #57	A-1-26N-7W	Basin Dakota	E 322.68	E 320.20 ✓
Hughes #15	F-30-26N-7W	Ballard PC	160	160.15 ✓
Hughes #9	N-30-26N-7W	Ballard PC	160	160.45 ✓
Luthy A #2	D-1-26N-8W	So. Blanco PC	160	161.50 ✓
Luthy A #1	H-1-26N-8W	So. Blanco PC	160	160.50 ✓
Williams #1	F-7-26N-8W	Ballard PC	160	159.92 ✓
Whan Jones #2	L-30-26N-8W	Basin Dakota	W 320	W 320.04 ✓
Huerfanito Unit #12	D-1-26N-9W	Ballard PC	160.48	160.18 ✓
Huerfanito Unit #76	G-2-26N-9W	Basin Dakota	N 320	N 320.92 ✓
Huerfanito Unit #106	M-2-26N-9W	Basin Dakota	S 320.57	S 320 ✓
Huerfanito Unit #71	A-3-26N-9W	Basin Dakota	E 320	E 320.75 ✓
Huerfanito Unit #61	G-4-26N-9W	Basin Dakota	E 320	E 321.12 ✓
Huerfanito Unit #60	M-4-26N-9W	Basin Dakota	W 320	W 321.44 ✓
Huerfanito Unit #60	M-4-26N-9W	Ang. Pk. Gallup	W 320	W 321.44 ✓