

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

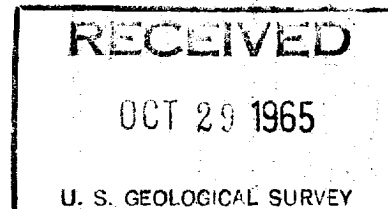
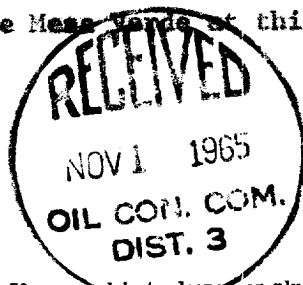
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NY 0554709	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Federal	
2. NAME OF OPERATOR El PanCo, Inc.			7. UNIT AGREEMENT NAME None	
3. ADDRESS OF OPERATOR 800 Loma Linda Place, S.E., Albuquerque, New Mexico			8. NAME OF LEASE El PanCo, Inc. Myra	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' FWL, 330' FSL, Sec. 27, T. 18 N., R. 3 W. At proposed prod. zone 330' FWL, 330' FSL, Sec. 27, T. 18 N., R. 3 W.			9. WELL NO. 0554709 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 30 Miles south of Cuba, New Mexico			10. FIELD AND POOL, OR WILDCAT San Luis Pool	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330 feet			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T. 18N, R. 3W.	
16. NO. OF ACRES IN LEASE 640 acres			12. COUNTY OR PARISH Sandoval	
17. NO. OF ACRES ASSIGNED TO THIS WELL 10 acres			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			20. ROTARY OR CABLE TOOLS rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,457' GR.			22. APPROX. DATE WORK WILL START* October 30, 1965	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/2	4.5 inches	9.5 lbs.	450'	40 sacks of regular cement

Plan to drill to approximately 450 feet. If shows of oil are encountered, plan to run 4.5 inch casing to total depth and cement to surface and then complete well by perforating. Do not plan to set surface casing as pressure does not occur in the Mesa Verde at this depth in the adjacent San Luis Pool.



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

GEORGE P. DEMAS
(This space for Federal or State office use)

TITLE

Secretary
El PanCo, Inc.DATE October 27, 1965

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**

Form C-102
Superseded C-138
Effective 1-1-65

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

Operator El Paso Corp.			Lease San Luis ME 0334700		Well No. Myra
Unit Letter M	Section 27	Township 18 North	Range 3 West	County Sandoval	
Actual Footage Location of Well: 330 feet from the South line and 330 feet from the West line					
Ground Level Elev. 6457	Producing Formation Mesa Verde		Pool San Luis Pool		Dedicated Acreage 40 Acres

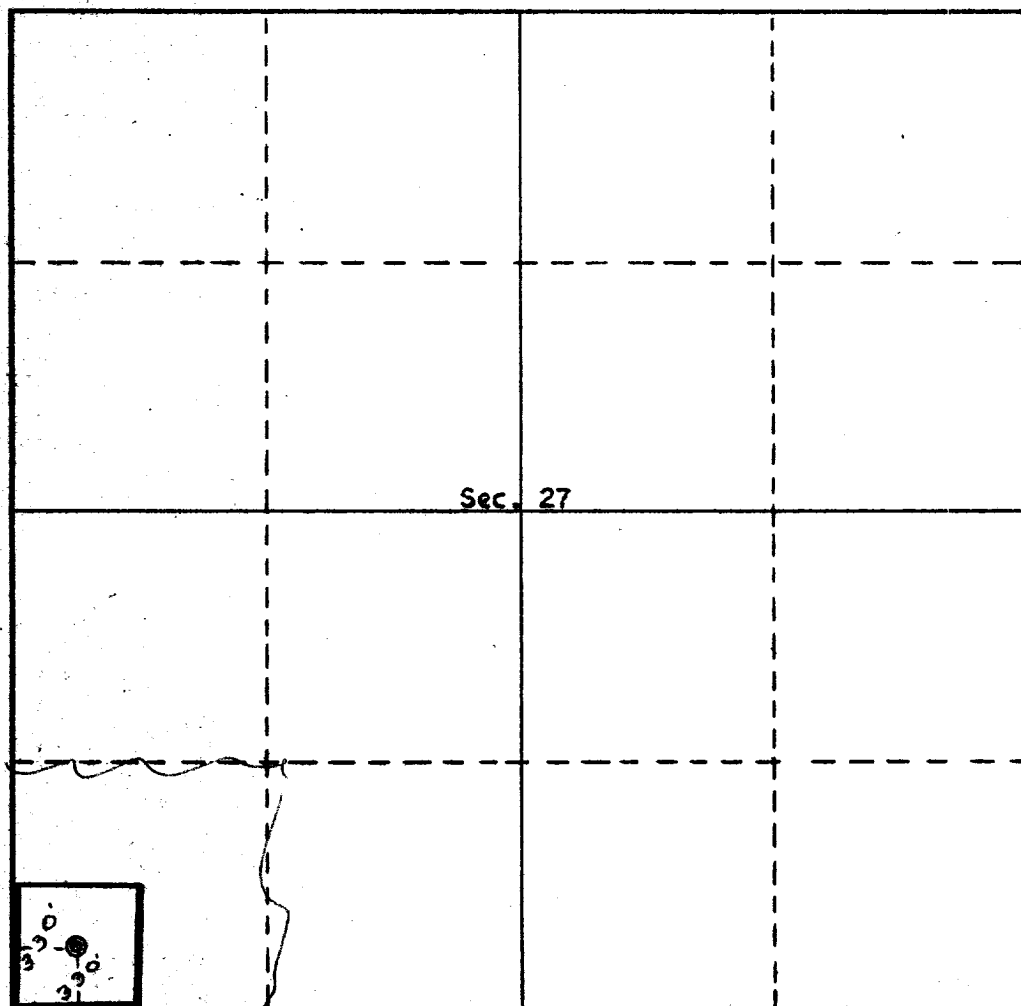
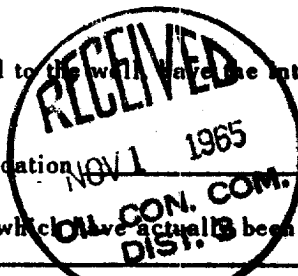
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). **One Lease**
3. If more than one lease of different 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.

Name **George F. Smith**
Secretary

Position
El Paso Co., Inc.

Company

Date **October 27, 1965**

I hereby certify that the information shown on this plat was obtained 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.

Date Surveyed
October 20, 1965

Registered Professional Engineer
and/or Land Surveyor

E. H. Cantor
Certificate No.

3602