

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

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Room B-2, Phillips Building, Odessa, Texas

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

At surface

proposed 1980' FNAW lines, Section 18, T-8-S, R-33-E
Chaves County, New Mexico

At proposed prod. zone

Same as above

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

14 miles Northwest of Crossroads, New Mexico

15. DISTANCE FROM PROPOSED*

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

1980'

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

none

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

9200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

rotary

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

Later

22. APPROX. DATE WORK WILL START*

February 12, 1968

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	48#	400'	Sufficient to circulate
11"	8-5/8"	24# and 32#	4900'	Sufficient to bring TOC to 3000'
7-7/8"	5-1/2"	14#, 15.5#, 17#	9200'	Sufficient to cover productive intervals.

Propose to drill to approximately 9200', run 13-3/8" and 8-5/8" O.D. casing as shown above, test the Pennsylvanian and run 5-1/2" O.D. casing if productivity is indicated. We will use a bentonite-line mud to 400' and will drill out of 13-3/8" casing with fresh water. Water loss control will be initiated prior to entering San Andres and maintained to casing point at approximately 4900'. We will drill from 4900' to T.D. with fresh water mud treated with Drispac*, Floccal*, and Soltax* for control of mud properties.

Series 900 hydraulically operated BOP equipment with fluid rams and pipe rams will be used for drilling this well.

* A Trademark

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. *W. H. McConnell* W. H. McConnell TITLE Associate Reservoir Engineer DATE January 29, 1968

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE

APPROVED

APPROVED BY _____

TITLE _____

JAN 30 1968

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

A. R. BROWN
DISTRICT ENGINEER

*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.

NE1 XICO OIL CONSERVATION COMMISSIO
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

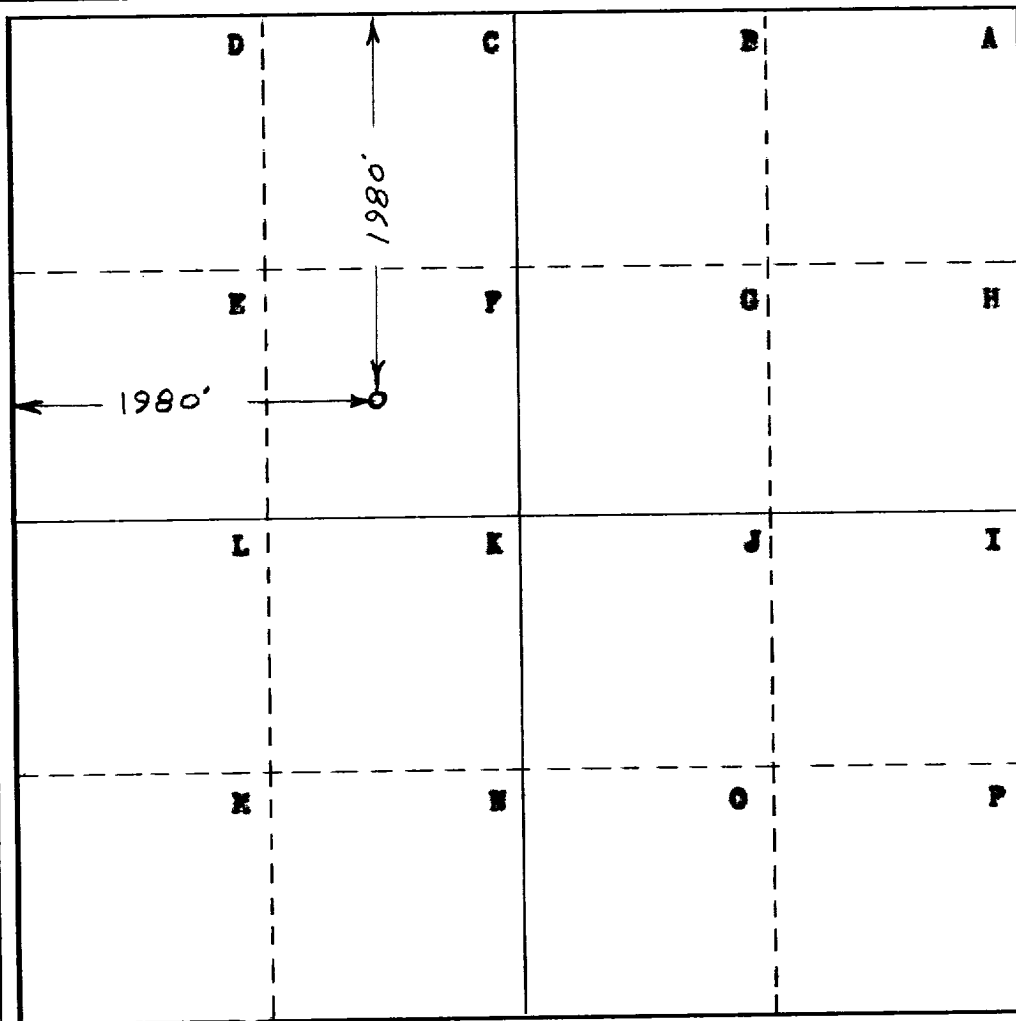
Operator Phillips Petroleum Company		Lease Davis "F"		Well No. 1
Unit Letter F	Section 18	Township 8 South	Range 33 East	County Chaves
Actual Footage Location of Well:				
feet from the _____ line and _____ feet from the _____ line				
Ground Level Elev. Later	Producing Formation Rough "C"	Pool Wildcat - Oil	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).
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 M. H. McConnell

Position
Associate Reservoir Engineer
Company

Phillips Petroleum Company
Date

January 29, 1968

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

1-23-68

Registered Professional Engineer
and/or Land Surveyor

Roger L. Leffler
Roger L. Leffler

Certificate No.

4357

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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