

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

2. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Phillips Petroleum Company

4. ADDRESS OF OPERATOR

Room 711, Phillips Building, Odessa, Texas 79761

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

At surface
1980' FW & 660' FS (Unit N)

At proposed prod. zone

Same

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

33 miles NE Carlsbad

7. DISTANCE FROM PROPOSED*

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

660' FS

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

ARTESIA

9. PROPOSED DEPTH
OFFICE

8100' ±

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

3248' DF

11.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	410' (Cmtd w/890 sx Class H w/LWL, 5 yds readymix. Circ).	
15"	11-3/4"	42#, 47#	3635' (Cmtd w/2000 sx TRLW w/2% CaCl ₂ , 2# salt & 1/4# Flocele/sx, 300 sx Class C w/2% CaCl ₂ , & 19.6# salt/sx. Circ 400 sx).	
10-5/8"	8-5/8"	28#, 32#	11194' (Cmtd w/400 sx Class H w/additives. TOC @9175').	

Propose to test Bone Springs zone between approximately 8000-7430'. Will perforate 8-5/8" csg @8000' and squeeze cement 8-5/8" csg annulus space w/sufficient cement to come back up hole to approximately 4850'. If non-commercial, plug and abandon Bone Springs and attempt completion in Delaware (covered by separate filing).

This well originally drilled to TD of 13,640' to test Morrow zone; PB to 12,020' and tested Strawn zone 11,979-84'; non-commercial. Strawn zone now plugged and abandoned. (See Form 9-331 covering Morrow and Strawn plug back operations.)

BOP equipment in use: Series 900, 3000# WP, double, one set pipe rams, one set blind rams, manually operated.

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.

12.

SIGNED W. J. Mueller TITLE Senior Reservoir Engineer DATE 12-16-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(CONDITIONS OF APPROVAL, IF ANY)

TITLE

DATE

*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.

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PLUG BACK

DEEPEN

DRILL

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