

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

Champlin Petroleum Company

3. ADDRESS OF OPERATOR

701 Wilco Building Midland, Texas 79701

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

At surface

660' FNL 1980' FEL

At proposed prod. zone

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

5 miles east of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH PBTB

11,350

20. ROTARY OR CABLE TOOLS

Pulling Unit

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

3114 GR

22. APPROX. DATE WORK WILL START*

2-13-76

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.50	450	475 Sacks
12-1/4"	9-5/8"	40.00	2561	1100 Sacks
8-3/4"	7"	23 & 26	12,000	680 Sacks

O.C.C.
ARTESIA, OFFICE

Well currently completed as a single Morrow Sand gas well through perforations 11,430' - 11,570'. To increase well productivity, it is proposed to plug back from the Morrow Sand and recompleat as a single gas well in the Wolfcamp Lime interval 9605'-9731'. Suggest setting CIBP @ 11,350' to plug back from Morrow Sand and dump 20' cement on bridge plug. Perforate 7" casing @ 9764' w/4 holes for block squeeze. Run squeeze tool and set at 9500' w/4 holes for block squeeze. Run squeeze tool and squeeze perfs @ 9605' w/100 sacks. WOC 24 hours. Drill out cement from 9500'-9605'. Test casing to 3000#. Drill out cement from 9670'-9764'. Test casing to 3000#, wash to 9900'. Run cement bond log from 9900' back to 9000'. Perforate Lower Wolfcamp w/4" casing gun @ 9605', 9628', 9630', 9670', 9675', 9682', 9690', 9705', 9708', 9711, 9726' & 9731' (12 holes). Run Baker Model "D" Packer and set @ 9570'. Treat perfs w/2000 gals. 15% DS-30 oil, staged w/20 ball sealers. Swab back treatment and test. Fracture perfs w/15,000 gals. gelled KCL Pad and 30,000 gals. Series 72 Type 20 acid in 2 equal stages seperated by 8 ball sealers. Flow back treatment and test. Put well on production. Over

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

Walter M. Randolph

TITLE District Clerk

DATE 2-12-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

FEB 13 1976

APPROVED BY

James C. Burch

TITLE

DISTRICT ENGINEER

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.

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BOP stack to consist of double hydraulic with blind rams and pipe rams.