

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐PLUG BACK ☒

b. TYPE OF WELL

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

2. NAME OF OPERATOR

Tenneco Oil Company

NOV 3 1980

3. ADDRESS OF OPERATOR

6800 Park Ten Blvd., Suite 200, ~~Artesia, New Mexico~~ ^{U.S. GEOLOGICAL SURVEY} ~~Artesia, New Mexico~~ ^{Artesia, New Mexico}, Texas 782134. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surfaceNE MW 1010' FNL and 1710' FWL
At proposed prod. zone
Same

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

19.0 miles East and South of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

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

1010'

16. NO. OF ACRES IN LEASE

160

18. DISTANCE FROM PROPOSED LOCATION*

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

316'

19. PROPOSED DEPTH

8515' (PBTB)

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

3555' GR

22. APPROX. DATE WORK WILL START*

As soon as approved

23. ~~RECOMMENDED~~ CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/8"	54.5	348'	17 1/2"	200 sx. CL "C" + 125 sx. Howco, Circ.
8 5/8"	24 + 32	2800'	11"	400 sx. CL "C" + 800 sx. "H", Circ.
5 1/2"	15.5 + 17	9200'	7 7/8"	400 sx. CL "H", T cmt. 6850' by CBL

We plan to:

1. Cap CIBP set @ 9050' with 35' cement.
2. Set CIBP @ 8550' and cap with 35' cement.
3. Perf. 8114'-21' and 8313'-17' w/4 JSPP. Test. If non-productive will set "thru tubing" cement plug. Perf. 7700'-05' w/4 JSPP. Will produce this zone if economical, if not, will plug back as follows. Free point 5-1/2" casing, cut and pull from as deep as possible. (Top of cement by CBL is 6850') A 200' cement plug will be spotted across casing stub - 100' in, 100' out.
4. Spot a 200' cement plug across top of Abo @ 6230'.
5. Spot a 100' plug across 8-5/8" casing shoe @ 2800'-50' in & 50' out. (Mud laden brine will be between cement plugs.)
6. At this point the well may change operators. (Appropriate notification to you will then be made.)

NOV 10 1980

O. C. D.
ARTESIA OFFICE

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

Cheryl Daniels

TITLE

Production Analyst

DATE

October 29, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Orig. Sgd.) PETER W. CHESTER

TITLE

ACTING DISTRICT ENGINEER

DATE

NOV 4 1980

CONDITIONS OF APPROVAL, IF ANY:

100ft plug at 4500ft

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.