

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

Koch Exploration Company, Div. of Koch Industries Inc.

3. ADDRESS OF OPERATOR

P.O. Box 2256, Wichita, Kansas 67201

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

At surface

950' FEL & 990' FNL

At proposed prod. zone

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

Approx 15 miles NE of Bloomfield, N.M.

10. DISTANCE FROM PROPOSED*

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

950'

16. NO. OF ACRES IN LEASE

277.56

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

40'

19. PROPOSED DEPTH

6000'

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

6560 GL

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E / 277.56

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

1-22-77

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15-1/2"	10-3/4"	40.5	200'	
8-3/4"	7"	26.0	3625'	
6-1/4"	4-1/2"	10.5	3525'-6000'	(Liner)

1. Set new 10-3/4", 40.5# K-55 ST&C csg @ 200'. Press. test csg to 1000#. Cement w/enough cement to circ. to surface. WOC 24 hrs.
2. Drill w/Gel-Water from 200' to 3625'. Set 7" 26# N-80 LT&C csg @ 3625'. DV collar set @ 2415'. Cement csg w/enough cement to circulate to surface. WOC 24 hours. Pressure test to 3000# before drilling out.
3. 8" LWP Shaeffer double pipe & blind rams will be used. Check BOP's each tour & rams each trip.
4. Drill 6-1/4" hole to TD. Set & Cement 4-1/2" 10.5# K-55 ST&C liner to TD. Cement w/enough cement to circ. out top of liner. WOC 24 hrs.
5. Well head equipment will consist of 2000# WP Brewster equipment for 10-3/4" & 7" csg.
6. Mud program: 0-200' Gel-Lime Slurry, 200-3625' Gel-Water, 3625 to TD drill w/gas. (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.

Assistant

SIGNED

Thomas D. Gault

TITLE Operations Manager

DATE January 24, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

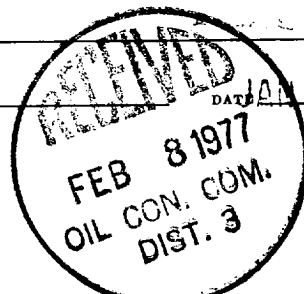
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

OK

*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.

7. Anticipated BHP at TD max of 2000#. No abnormal pressures anticipated.
8. Auxillary & BOP equipment on rig as follows:
 - A. Double ram BOP
 - B. Kelly cocks (if required)
 - C. Rotating drilling head
 - D. Kill valve on rig floor
8. Complete wellby swabbing csg. dry. Perf Mesa Verde w/2 HPF and frac w/gelled water & sand.

All distances must be from the outer boundaries of the Section

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.

RECEIVED
FEB 8 1977
OIL CON. COM.
DIST. 3

