

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21898

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 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 1190' FNL & 1090' FWL SE NW NW
At proposed prod. zone D

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx. 15 from Bloomfield, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1090' FWL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
Appr. 200'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6153' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	26#	200'	100
6-1/4"	4-1/2"	10.5#	2900'	200

5. LEASE DESIGNATION AND SERIAL NO.
NM 03187
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
LAMBE
9. WELL NO.
4
10. FIELD AND POOL, OR WILDCAT
Blanco Pictured Cliff EXT
11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-31N-10W
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico

- Set SH 7" casing tested to 3000# @ 200'. Cement w/enough to circ. to surface. WOC 24 hrs.
- Test csg. to 1000# & drill to approx. 1800' w/native mud. Mud up w/Gel-Benex type mud & drill through the Pictured Cliffs. Run appr. 2900' of new 4 1/2" 10.5# CW-55 ST & C csg. Use enough cement to cover Ojo.
- 8" LWP Shaeffer double ram BOP's will be used. Check BOP's each tour & blind rams each trip.
- Well head will be LP screw type - will not be used to frac through.
- Mud program: 0-200' Gel Lime Slurry, 200-1800' Water & Benex, 1800-2900' Gel-Spersene Mud.
- Anticipated BHP at TD max of 1000#. No abnormal pressures anticipated.
- Auxillary & BOP equipment on rig as follows: (A) Double ram BOP, (B) Kelly cocks (If required), (C) Rotating drilling head (If required), (D) Kill valve on rig floor. (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 Orville L. Schmit TITLE Operations Manager DATE 9-29-75

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE OCT 6 1975

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.

★ U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396

Continued

8. Complete well by swabbing csg. dry. Perf Pictured Cliffs w/2 HPF & frac w/slick water & sand.