

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

copy 2/3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ (Re-enter) DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 02425
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER Abandoned SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR J. Cleo Thompson		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 4500 Republic National Bank Bldg., Dallas, Texas		8. FARM OR LEASE NAME Evans Lease
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FNL & 1980' FEL, Section 33 At proposed prod. zone Same		9. WELL NO. 9
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Five miles north of Loco Hills		10. FIELD AND POOL, OR WILDCAT Square Lake
10. 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 160	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4, NE/4, Sec. 33, T-16-S, R-30-E, NM PM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'	19. PROPOSED DEPTH 2960'	12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3740' GR		13. STATE New Mexico
22. APPROX. DATE WORK WILL START* May 6, 1968		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	8 5/8"		590'	50 sacks
	5 1/2"		2770'	100 sacks

This well was originally drilled and completed in December of 1942 with production from an open hole from 2770 to 2960'. In October of 1955 the well was plugged and abandoned and 970 feet of the 5 1/2" casing and 150 feet of the 8 5/8" casing was pulled. We propose to re-enter this well and set and cement 7" casing. We will then clean out to the top of the 5 1/2" casing and run 4 1/2" flush-joint casing inside the 5 1/2" casing. This casing will either be set on a packer or cemented. The well will then be cleaned to bottom and after tubing is run, will be put on the pump.

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ARTESIAN, NEW MEXICO

MAY 2 1968

C. C. C.

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 J. C. Thompson TITLE Petroleum Engineer DATE May 1, 1968
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED
MAY - 8 1968
R. L. BLUMMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS EXTENDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES AUG 6 1968

*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.