

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 ☒		5. LEASE DESIGNATION AND SERIAL NO. MM-03429-A
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -- -- -- --
2. NAME OF OPERATOR Skelly Oil Company		7. UNIT AGREEMENT NAME -- -- -- --
3. ADDRESS OF OPERATOR P. O. Box 1351, Midland, Texas 79701		8. FARM OR LEASE NAME West Jal Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface Unit Letter B, 1980' FNL and 660' FEL, Sec. 20-258-36E At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* -- -- --		10. FIELD AND POOL, OR WILDCAT See Section 23 Below
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) -- --	16. NO. OF ACRES IN LEASE 640	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -- --	19. PROPOSED DEPTH 10,270'	20. ROTARY OR CABLE TOOLS -- -- --
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3138' DF		22. APPROX. DATE WORK WILL START* May 10, 1974

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
No Change				

This well has ceased producing from West Jal Fusselman perfs. 16449-16614'. We propose squeezing off existing perfs., and recompleting in First Bone Springs, if the attempt is unsuccessful, the First Bone Springs will be plugged back and an attempt of recompletion in the Delaware Oil Zone will be made. If this is also unsuccessful, recompletion in the Tansill Oil Zone will be attempted with the Delaware Oil Zone plugged back. The procedure for recompletion will be as follows:

- 1) Set bridge plug in 7" OD casing at 10,100' and cap with 30' of cement.
- 2) Perforate First Bone Springs with two shots per foot at 10,112-10,122' and 10,228-10,323'.
- 3) Treat perfs. with 500 gallons mud acid and 5000 gallons NE acid.
- 4) If First Bone Springs test is unsuccessful, set bridge plug at 8000' and cap with cement.

(See Back)

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.

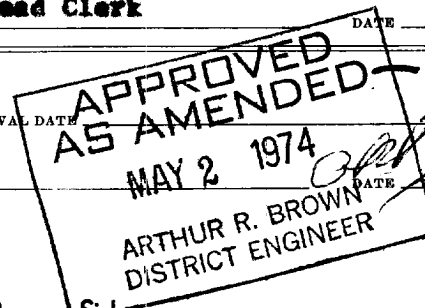
24. (Signed) D. R. Crow D. R. Crow TITLE Lead Clerk DATE 4-19-74

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:



*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.

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(Continued)

- 5) Perforate Delaware Oil Zone with two shots per foot at 7807-7811', 7816-7824', and 7853-7857'.
- 6) Treat Delaware perms. 7807-7857' with 750 gallons mud acid and 5,000 gallons H₂ acid in 3 stages.
- 7) If Delaware Oil Test is unsuccessful, set bridge plug at 3500' and block squeeze interval 3400-3450'.
- 8) Drill out and perforate Tensill Oil with two shots per foot at 3410-3414', 3422-3425', 3432-3435', and 3438-3440'.
- 9) Treat Tensill perms. 3410-3440' with 500 gallons mud acid.
- 10) Return well to production status.

- AMENDMENTS:**
1. Place additional 100' plug in interval 14,870 to 14,970 feet.
 2. Place additional 25 sack plug in interval 11,900-12,000 feet.
 3. If perforations at 10,112-10,323 test non-commercial, place 100 foot cement plug in interval 9500-9600 feet, or a bridge plug capped with 35 feet of cement at 9600 feet.
 4. If perforations at 7807-7857 feet test non-commercial, please contact U.S.G.S. before proceeding with testing or abandonment work.