

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. NM-2244		
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER Water Injection 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 Hughes Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* Unit Letter N, 660' FSL & 2080' FWL Sec. 17-23S-37E At proposed prod. zone			9. WELL NO. 3		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Six miles south of Eunice, New Mexico			10. FIELD AND POOL, OR WILDCAT Langlie-Mattix		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17-23S-37E		
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH Lea		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1220'			19. PROPOSED DEPTH 3725		
20. ROTARY OR CABLE TOOLS Rotary Tools			21. APPROX. DATE WORK WILL START* 12-1-75		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3304' GR					

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/2"	8-5/8" OD	24#	500'	320 sacks
7-7/8"	4-1/2" OD	9.5#	3725'	1200 sacks

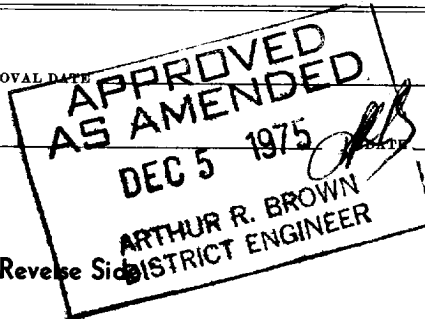
It is proposed to drill subject well as a water injection well to a total depth of 3725' with rotary tools to complete in the Langlie-Mattix zone. A hearing to establish waterflood project for this lease has been requested of the New Mexico Oil Conservation Commission. The pump and plug process will be used for cementing all strings of casing and cement will be circulated to the surface on the 8-5/8" OD and 4-1/2" OD casings. The 4-1/2" OD casing will be perforated as indicated from electric logs opposite the Langlie-Mattix formation.

Drilling fluids will be brine water with sufficient gel to condition hole for logging and running casing to 3725' TD. This is not a high pressure drilling area.

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) **IRELAND FRANZ** **Ireland Franz** **Dist. Prod. Manager** **11-6-75**
SIGNED _____ TITLE _____ DATE _____
(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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