

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN **DUPLICATE***
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☒			5. LEASE DESIGNATION AND SERIAL NO. Dow "B" Lee. #029420-b	
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 Dow Unit	
3. ADDRESS OF OPERATOR Box 730 - Hobbs, New Mexico			8. FARM OR LEASE NAME Dow "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2080' FNL & 1980' FEL of Sec. 21 - 17S - 31E At proposed prod. zone			9. WELL NO. No. 39	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Six miles South West of Maljamar, New Mexico			10. FIELD AND POOL, OR WILDCAT Fren Paddock	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21-17S-31E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'			12. COUNTY OR PARISH Eddy	
16. NO. OF ACRES IN LEASE 1120			13. STATE New Mexico	
19. PROPOSED DEPTH PBTD 4800'			17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
20. ROTARY OR CABLE TOOLS			22. APPROX. DATE WORK WILL START* Immediately	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3813 GR			RECEIVED FEB 2 1965 O. C. C. ARTESIA, OFFICE	

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SET DEPTH	QUANTITY OF CEMENT

This well is an oil well in the Fren Paddock Pool. This well is not economical to operate in the Glorieta Zone. We plan to Plug & Abandon the Glorieta Zone of this well and recomplete it in the Lower San Andres and Premier Zones as follows:

1. Move in and rig up pulling unit.
2. Pull rods and tubing.
3. Set cement retainer at approximately 4800'.
4. Squeeze 5-1/2" OD casing perfs. 4864 - 4876' (Glorieta Zone) with 180 sacks of cement.
5. Perforate 5-1/2" OD casing in Lower San Andres Zone 3641 - 3644' and 3646 - 3650' with 2 shots per foot.
6. Acidize through perfs. 3641 - 3650' (Intervals) with 500 gallons Regular Acid and Sand Water Frac with 10,000# 20/40 sand and 10,000 gallons Slick Water.
7. Swab and test well.

(SEE REVERSE SIDE)

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 **(ORIGINAL) H. E. Ash** TITLE **Dist. Supt.** DATE **January 27, 1965**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY **Arthur G. C. Bann Jr.** TITLE **ACTING DISTRICT ENGINEER** DATE **FEB 1 1965**
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.

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8. Perforate 5-1/2" OD casing in Frontier Zone 3309 - 3319' and 3266 - 3276' with 2 shots per foot.
9. Set Retractable Bridge Plug at 3400'.
10. Acidize through perfor. 3309 - 3276' (Intervals) with 500 gallons of Regular Acid and Water Free with 25,000# 20/40 sand and 25,000 gallons Slick Water.
11. Retrieve Bridge Plug set at 3400'.
12. Return rods and tubing and equip well to pump.
13. Return well to a production status in the Grayburgh Jackson Pool.