

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. LC 029420 (b)		
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME *****		
2. NAME OF OPERATOR SKELLY OIL COMPANY		7. UNIT AGREEMENT NAME Skelly Unit		
3. ADDRESS OF OPERATOR P. O. Box 730 - Hobbs, New Mexico 88240		8. FARM OR LEASE NAME Skelly Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL & 1980' FNL Sec. 28-17S-31E At proposed prod. zone Grayburg and San Andres		9. WELL NO. 90		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6-1/2 Miles West of Maljamar, New Mexico		10. FIELD AND POOL, OR WILDCAT Grayburg-Jackson		
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. 28-17S-31E		
16. NO. OF ACRES IN LEASE 5200		12. COUNTY OR PARISH Eddy		
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. 1320'		19. PROPOSED DEPTH 3630'		
20. ROTARY OR CABLE TOOLS Workover Rig		21. APPROX. DATE WORK WILL START* Immediately		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3789' DF		23. PRESENT WORKING CASING AND CEMENTING PROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8-5/8" OD	22.7#	653	150
8"	7" OD	20#	3484	335

Well is presently producing from 7" OD casing perforations 3413' to 3441' in the Grayburg Formation and open hole section 3460' to 3527' in the San Andres Formation.

We propose to deepen, perforate and treat as follows:

1. Move in and rig up Workover Rig.
2. Pull rods and tubing.
3. Run drill pipe with bit and deepen well from 3527' to 3630'.
4. Run Gamma Ray Neutron Log.
5. Selectively perforate 7" OD casing from 3175' to 3390' with a total of 13 shots.
6. Isolate and treat new open hole section 3527' to 3630' with 1,000 gallons acid.

CONTINUED ON 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 _____ TITLE District Superintendent DATE November 30, 1967

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL IF ANY

DEC-5-1967
R. L. BLUMHART
ACTING DISTRICT ENGINEER

*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.

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

7. Isolate and treat through 7" OD casing perforations 3175' to 3390' with 750 gallons acid and ball sealers.
8. Isolate and treat through 7" OD casing perforations 3175' to 3390' with 15,000 gallons water and 15,000# 20/40 sand.
9. Run tubing and pull Retrievable Bridge Plug.
10. Run tubing and rods and return well to a producing status.