

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

copy to J. J.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☒ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. LC 029419(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 Skelly Unit
3. ADDRESS OF OPERATOR 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 1980' FSL and 1980' FWL Sec. 22-17S-31E At proposed prod. zone Grayburg and San Andres		9. WELL NO. 33
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Seven miles southwest 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 drig. unit line, if any)	16. NO. OF ACRES IN LEASE 5200	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22 - 17S - 31E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3843' DF	19. PROPOSED DEPTH 3810'	13. STATE New Mexico
20. ROTARY OR CABLE TOOLS Workover rig		22. APPROX. DATE WORK WILL START* Immediately

23. **Present** ~~RECOMMEND~~ CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8-5/8"	22.7#	705'	125
8"	7"	20#	3432'	320

Well is presently producing through 7" OD casing perforations 3387-3426' and open hole section 3432-3497' of the Grayburg Formation.

We propose to deepen approximately 313' in the San Andres Formation and complete well as follows:

1. Move in and rig up workover rig.
2. Pull rods and tubing.
3. Run drill pipe with bit and deepen well to approximately 3810'.
4. Run Gamma Ray Neutron Log.
5. Isolate and treat open hole section 3500-3810' with 2000 gallons 15% Reg. Acid.
6. Perforate 7" OD casing selectively from 3168-3372' with a total of 15 shots.
7. Isolate and treat through 7" OD casing perforations 3168-3372' (intervals) with 1000 gallons acid.
8. Isolate and treat through 7" OD casing perforations 3168-3372' (intervals) with 15,000 (over)

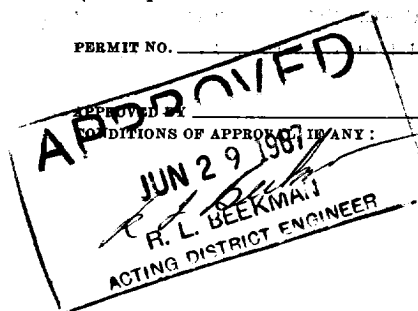
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED **V. E. Fletcher** TITLE **District Superintendent** DATE **June 26, 1967**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

TITLE _____ DATE _____



*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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9. Pull retrievable bridge plug.
10. Run tubing and rods and return well to a producing status.