

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

copy to J.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
SKELLY OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 730 - Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
1650' FSL & 1980' FEL Sec. 21-178-31E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6-1/2 West of Maljamar, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
3300'

16. NO. OF ACRES IN LEASE
5200'

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.
930'

19. PROPOSED DEPTH
3550'

20. ROTARY OR CABLE TOOLS
Workover Rig

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3816' DF *CTO 3353*

22. APPROX. DATE WORK WILL START*
Immediately

5. LEASE DESIGNATION AND SERIAL NO.
LC 029420 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Skelly Unit

8. FARM OR LEASE NAME
Skelly Unit

9. WELL NO.
67

10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-178-31E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8-5/8"	22.7#	663'	150
8"	7"	20#	3280'	325

Well is presently producing from open hole Section 3280'-3355' of the Grayburg Formation.

We propose to deepen well, perforate and treat as follows:

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1. Move in and rig up Workover Rig.
2. Pull rods and tubing.
3. Run drill pipe with bit and deepen well from 3355' to 3550'.
4. Run Gamma Ray Neutron Log.
5. Selectively perforate the Grayburg Formation from 3077' to 3237' with a total of 13 shots.
6. Isolate and treat new open hole section 3355-3550' with 1000 gallons acid.
7. Isolate and treat through 7" OD casing perfs. 3077-3237' with 1000 gallons acid using ball sealers.
8. Isolate and treat through 7" OD casing perfs. 3077-3237' with 15,000 gallons water and 15,000 # 20/40 sand.

D. O. B.
ARTESIA, NEW MEXICO

(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 27, 1967**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____ DISTRICT ENGINEER _____
APPROVED BY *[Signature]* TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

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ARTESIA, NEW MEXICO
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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. Run tubing and pull retrievable bridge plug.

10. Run tubing and rods and return well to a producing status.