

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 ☐

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

1980' FNL & 1980' FNL Sec. 21-263-35E

At proposed prod. zone -----

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13 miles west and 6 miles south of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

23,000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Unknown

22. APPROX. DATE WORK WILL START*

Immediately

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Cored	30" OD	---	50'	Ready-Mix
26"	20" OD	1944	800'	2,500
17-1/2"	13-3/8" OD	514,684, 724	5,400'	5,000
12-1/4"	10-3/4" OD	60,704	13,000'	1,925
9-1/2"	7-5/8" OD	394	12,500-12,300' (liner)	1,050
9-1/2"	7-5/8" OD	394	12,500'-0' (liner)	1,300
5-3/4"	5" OD	20.54	23,000-1,800' (liner)	400

We propose to drill with rotary tools from surface to Total Depth of approximately 23,000' in the Ellenburger Formation. The pump and plug process will be used in cementing all strings of casing. The 20" OD casing will be set at 800' and cemented to surface. A 13-3/8" OD casing will be set at 1400' and cemented to surface. The 10-3/4" OD casing will be set at 13000 and cemented with a multiple cementing tool, in three stages to surface. The 7-5/8" OD liner will be set from approximately 12,500' to 18,500' and cemented to top of liner. The 5" OD liner will be set from 18,000' to 23,000' connecting to the 7-5/8" OD liner and cemented to top of liner. A tie-back to surface 7-5/8" OD casing string will be set at 12,500' and cemented to surface.

(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 Wignell V. E. KiserTITLE District SuperintendentDATE January 9, 1968

(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

APPROVED
JAN 9 1968
A. R. BROWN
DISTRICT ENGINEER

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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BLEWOUT PREVENTER PROGRAM

Blewout Preventers - First set of blowout preventers to consist of: two Series 600 20" preventers with Hydril to drill 17-1/2" hole to approximately 5400', then blowout preventer will be 3 - 14" Series 1500 preventers and Hydril, to drill 12-1/4" hole to approximately 13,000', then blowout preventer will be 3 - 11" 10,000# Cameron preventers with Hydril to drill 9-1/2" hole to 18,500' and 6-1/2" hole to 23,000'. A 5000# Hydraulic closing flow-line valve to be installed to drill from 5400' to 13,000'. A 10,000# Hydraulic closing flow-line valve to be installed to drill from 13,000' to 23,000'. Dual choke manifold with all valves and fittings 10,000# working pressure. Closing units and fluid charged accumulator with sufficient capacity to close all preventers at one time with 25% reserve and, in addition, sufficient pressurized storage to charge accumulator one time. One remote closing unit approximately 150' from well, with all steel lines and flexible steel fittings.