

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(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. Las Cruces 029435(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 Sinclair Oil & Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1940, Hobbs, New Mexico, 88240		8. FARM OR LEASE NAME J. L. Keel "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' from North line and 1980' from East line Sec. 8-T17S-R31E, Eddy County., New Mexico At proposed prod. zone		9. WELL NO. 8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* From Loco Mills 9 miles north east.		10. FIELD AND POOL, OR WILDCAT Grayburg-Jackson	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 8-T17S-R31E NMPH	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Cable Tools	
19. PROPOSED DEPTH 3400'		22. APPROX. DATE WORK WILL START* Upon Approval	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) DF - 3788'			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6-1/4"	4-1/2" OD	9.5#	3080'	100 sacks

Well is presently producing 2 BOPD and no water from perforations 2850' to 3080'. We propose to deepen from 3080' to 3400' with Cable Tools and run Gamma Ray Neutron Caliper Log. Set and cement 650' of 4-1/2" OD liner. Selectively perforate from new log and treat with approximately 3,000 gals. acid. Convert to water injection well, dual complete into the Square Lake, Premier, Vacuum and Lovington pays.

RECEIVED

MAY 28 1964

O. C. C.
ARTESIA, OFFICE

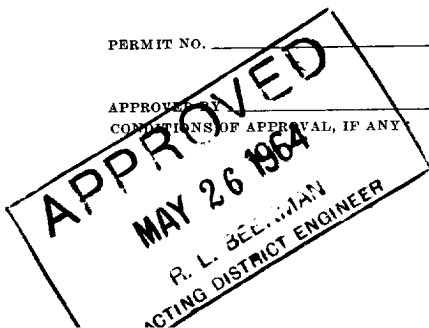
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED [Signature] TITLE **District Superintendent** DATE **May 15, 1964**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY



*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.