

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. Las Cruces 029435-A
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Sinclair Oil & Gas Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 1920, Hobbs, New Mexico, 88240		8. FARM OR LEASE NAME J. L. Keel "A"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' from South line and 660' from East line of Section 7-175-R311, Mddy County, New Mexico At proposed prod. zone		9. WELL NO. 10
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles North East from Leco Hills		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 7-175-R311 MDPH
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Mddy
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.		19. PROPOSED DEPTH 3580'
20. ROTARY OR CABLE TOOLS Cable Tools		21. APPROX. DATE WORK WILL START* Upon Approval
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3711 GR		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6"	4 1/2" OD	9.5#	3580'	175 sacks

Well is presently producing 6 BOPD and no water from perforations 1970 to 1980'. We propose to drill out bridge plug at 2100', clean out to 3496' and deepen to 3580'. Run Gamma Ray Neutron and Caliper Log. Run and cement 3580' of 4 1/2" OD Casing. Perforate the Grayburg San Andres interval and treat selectively with acid. Convert to a Water Injection Well.

RECEIVED

OCT 9 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 October 6, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

APPROVED
OCT 10 1964
F. L. J. [Signature]
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.