

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 029426 (B)		
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTED OR TRIBE NAME		
2. NAME OF OPERATOR Sinclair Oil & Gas Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 520 East Broadway, Hobbs, New Mexico			8. FARM OR LEASE NAME		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FS & WL Sec 3-T173-R313, Eddy County, N.M. At proposed prod. zone same			9. WELL NO. 83		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 7 miles NE Loco 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) 660'		16. NO. OF ACRES IN LEASE 1920	17. NO. OF ACRES ASSIGNED TO THIS WELL 40		11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA Sec 3-T173-R313 NW 1/4
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2637'		19. PROPOSED DEPTH 3560	20. ROTARY OR CABLE TOOLS Cable Tools		12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3948 GR		22. APPROX. DATE WORK WILL START* Upon Approval		13. STATE N.M.	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8 5/8"	24.7	797	100 sacks
7"	5"	11.5	3456	100 sacks

Well is presently producing 13 bbls oil, no water, from perforations 3413-21; 3429-35' (Square Lake) TD 3456; PETD 3454'. We propose to deepen from 3456' to 3560' with cable tools; perforate Metax 3374-3384' and treat with approximately 500 gals mud acid. Convert to a water injection well dual using the casing annulus for injection into the Metax and Square Lake and down 2" tubing for injection into the Premier.

RECEIVED

FEB 20 1964

O. C. C.
ARTESIA, OFFICE

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FEB 19 1964

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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.

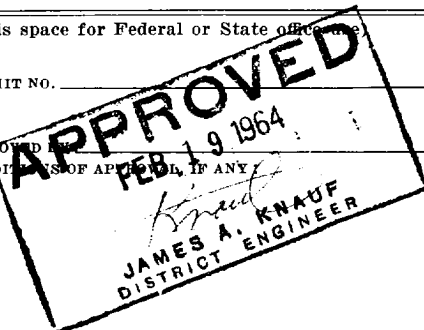
24. SIGNED _____ TITLE Dist. Supt. DATE Feb. 18, 1964

(This space for Federal or State official use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED _____ 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.