

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

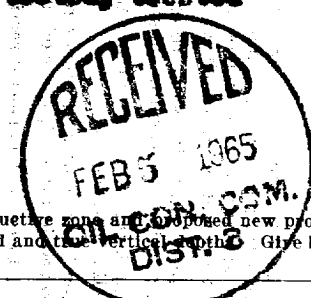
1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 078663	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME None	
2. NAME OF OPERATOR Sinclair Oil & Gas Company		7. UNIT AGREEMENT NAME None	
3. ADDRESS OF OPERATOR 601 Denver Club Building Denver, Colorado		8. FARM OR LEASE NAME Krease Federal WM	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1550' from the North line and 1450' from the East line, Sec. 32-28N-11W, San Juan County, New Mexico At proposed prod. zone Same as surface location.		9. WELL NO. 7	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Bloomfield, New Mexico approximately 8 miles South.		10. FIELD AND POOL, OR WILDCAT Basin - Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 3830'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32-28N-11W NWPM	
16. NO. OF ACRES IN LEASE 2560		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS 380		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETE OR APPLIED FOR, ON THIS LEASE, FT. 4200'		20. ROTARY OR CABLE TOOLS	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6000' Ground Level Ungraded		22. APPROX. DATE WORK WILL START* 2-15-65	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	21#	350'	300 sx.
7-7/8"	4-1/2"	10.5#	T. D.	1500 sx.

It is proposed to drill this well with rotary tools to a depth sufficient to test the Graneros-Dakota formation. Estimated top Graneros-Dakota 6320'. Estimated T. D. 6500'.

8-5/8"OD Casing will be set at approx. 350' and cemented from bottom of surface casing to surface, est. 300 sx. If well is productive, 4-1/2"OD Casing will be set at total depth and cemented with sufficient cement to protect all zones, estimated 1500 sx. in two stages. Productive zones will be perforated, tested, treated if necessary and well completed in Graneros-Dakota formation.



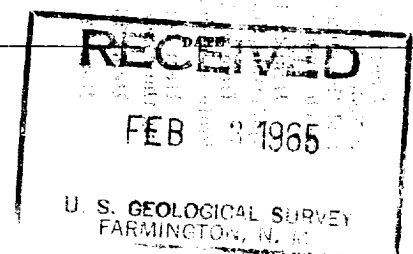
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED [Signature] TITLE Senior Clerk DATE 2-2-65
(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



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.

ILLEGIBLE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

SECTION A.

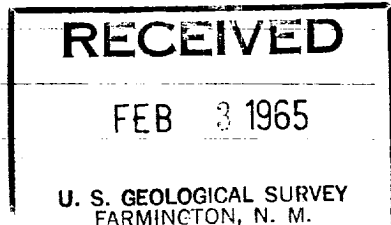
DATE 2-3-65

OPERATOR Sinclair Oil & Gas Company LEASE Krause Federal Wm
WELL NO. 7 UNIT LETTER G SECTION 32 TOWNSHIP 28 North RANGE 11 West NMPM
LOCATED 1550 FEET FROM North LINE, 1450 FEET FROM East LINE
COUNTY San Juan G. L. ELEVATION 6000 DEDICATED ACREAGE 3.20 ACRES
NAME OF PRODUCING FORMATION Graneros - Del Norte POOL Del Norte

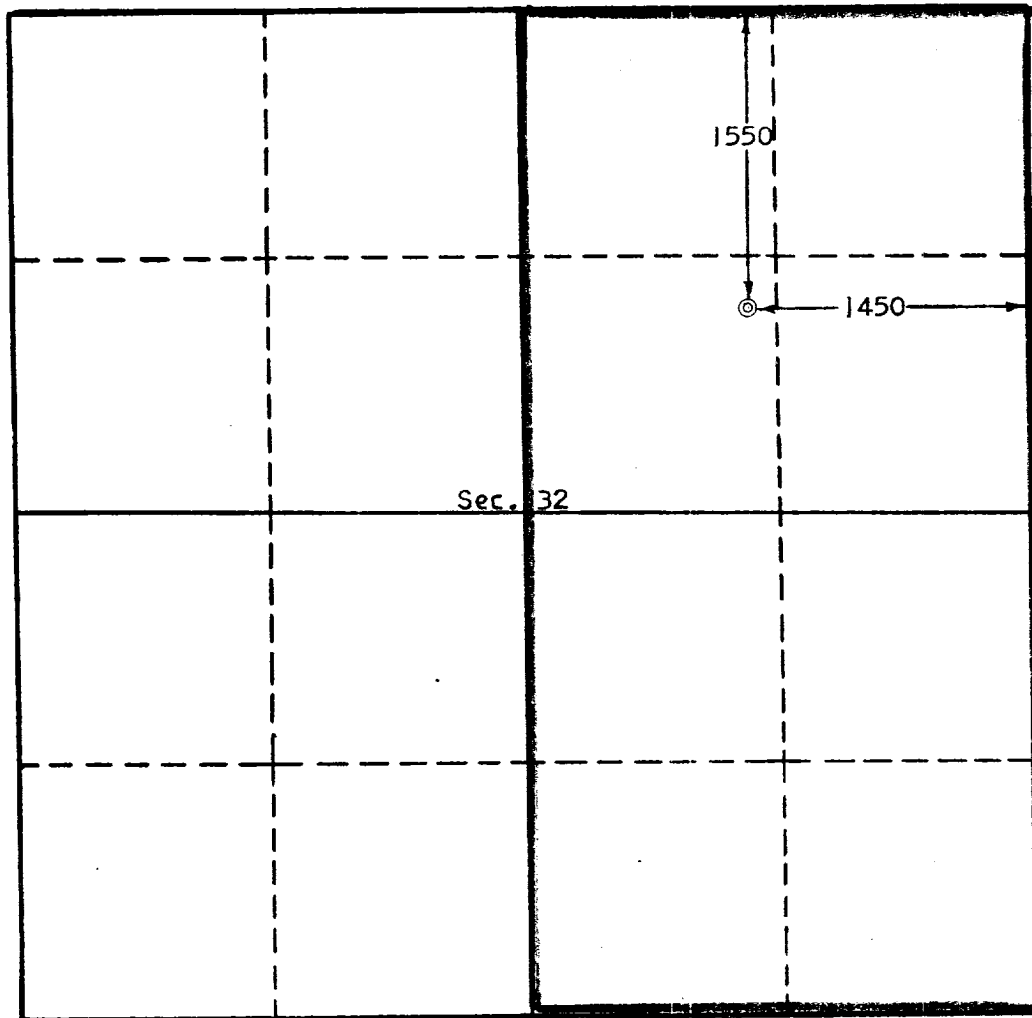
1. IS THE OPERATOR THE ONLY OWNER* IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? YES NO
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? YES Yes NO NO IF ANSWER IS "YES," TYPE OF CONSOLIDATION

Joint Interest Property - Lease Operating Agreement

3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:
- | OWNER | INTEREST | DESCRIPTION |
|-------|----------|-------------|
|-------|----------|-------------|



SECTION B.



Scale, 1 inch = 1,000 feet

THIS IS TO CERTIFY THAT THE INFORMATION IN SECTION A ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SINCLAIR OIL & GAS COMPANY
(OPERATOR)

601 Denver City Building
Denver, Colorado

(ADDRESS)

THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THE PLAT IN SECTION B WAS PLOTTED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE SURVEYED Jan. 29, 1965

FOUR STATES
ENGINEERING CO.

FARMINGTON, NEW MEXICO

Emmett A. Cash Hawk
REGISTERED ENGINEER OR
LAND SURVEYOR

CERTIFICATE NO. 3602