

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

Dr. Sam G. Dunn

3. ADDRESS OF OPERATOR

1312 Main Street, Lubbock, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

510 feet from west line and 2055 feet from north line
of section 26

At proposed prod. zone

same as above

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

35 miles North of Cuba, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

510 feet

16. NO. OF ACRES IN LEASE

640

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.2565' north
of well

19. PROPOSED DEPTH

2500'

20. ROTARY OR CABLE TOOLS

Cable Tools

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

7691.7 GR.

22. APPROX. DATE WORK WILL START*

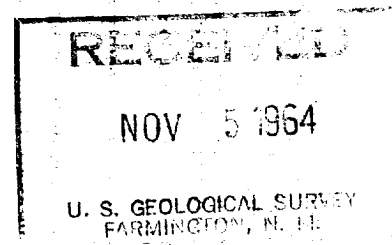
Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	10 3/4"	32.75	30 feet	sufficient to cement to surface
7"	4 1/2"	9.5	2400 feet	50 sacks

Proposed completion program if drilling encounters oil production is to plug back through pay with gravel, set calseal bridge plug, cement 4 1/2" casing on bridge plug, drill out plug, and treat open hole with sandfrac. If a dry hole, contact the U.S.G.S. at Farmington for plugging instructions.



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

Geologist

DATE

November 4, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

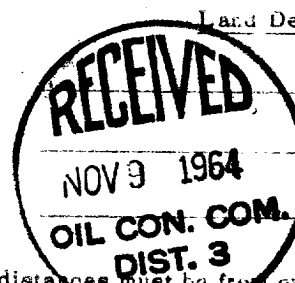
November 4, 1964

Operator Dr. SAM G. DUNN Lease XXXX GREVEY (Alt. Loc.)
 Well No. XXXX 4 Unit Letter E Section 26 Township 26 NORTH Range 1 EAST NMPM
 Located 2055 Feet From NORTH Line, 510 Feet From WEST Line
 County RIO ARriba G. L. Elevation 7691.7 Dedicated Acreage 160 Acres
 Name of Producing Formation San Juan Pool Puerto Chilique

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 communication agreement or otherwise? Yes ☐ No ☐ If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



RECEIVED

NOV 5 1964

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Dr. Sam G. Dunn

(Operator)

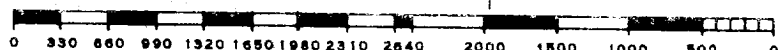
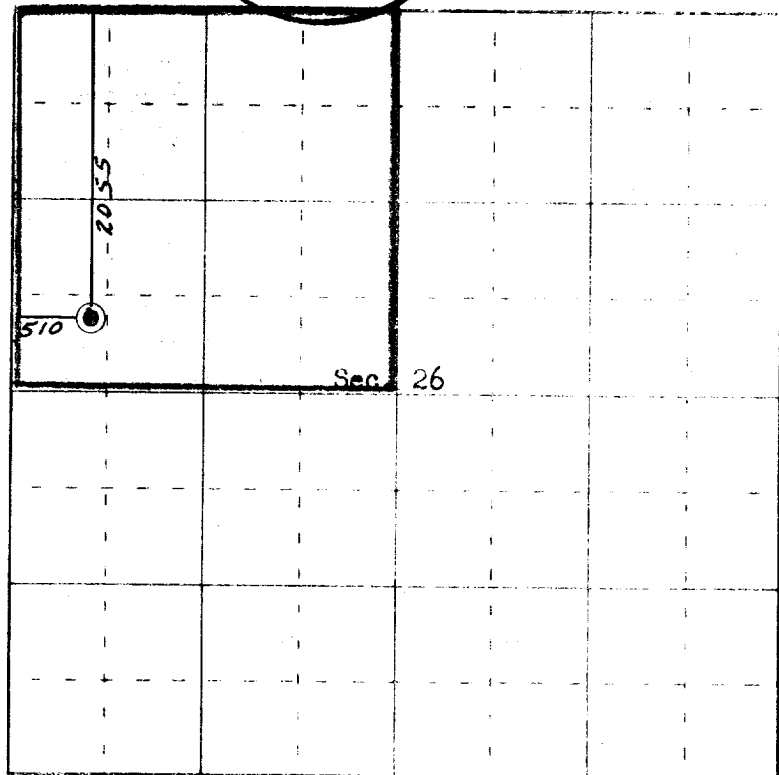
(Representative)

1312 Main Street

(Address)

Lubbock, Texas

Note: All distances must be from outer boundaries of section.



Scale 4 inches equal 1 mile

Ref: GLO plat dated 12 July 1918



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed November 2, 1964

James P. Leese
 Registered Professional Engineer and Land Surveyor
 James P. Leese, N. Mex. Reg. No. 1463
 San Juan Engineering Company