

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

copy to J.F.

PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION FOR

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL

2. NAME OF OPERATOR
 Western Oil Fields, Incorporated

3. ADDRESS OF OPERATOR
 P.O. Box 17, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 10' PNL, 2E FEL, Sec. 31-T 16S-R31E.
 At proposed: Eddy County, New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 9 miles NW Maljamar, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if a well is drilled on this lease.)
 10'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, OR APPLIED FOR, ON THIS LEASE.
 3835 GR.

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

5. LEASE DESIGNATION AND SERIAL NO.
 Grier LC 958064

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Grier Federal

9. WELL NO.
 15

10. FIELD AND POOL, OR WILDCAT
 Square Lake

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 31 - T16S-R31E

12. COUNTY OR PARISH
 Eddy County

13. STATE
 New Mexico

16. NO. OF ACRES IN LEASE
 540

17. NO. OF ACRES ASSIGNED TO THIS WELL
 See remarks

19. PROPOSED DEPTH
 3400

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 Dec. 15, 1965

RECEIVED

DEC 7 1965

O. C. C. ARTESIA, OFFICE

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CEMENT
12"	8"
7 7/8"	4 1/2"

CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
3"	24#	550'	Circulate (approx. 350 sx)
	9.5	3400'	200 sx.

Under case No. 3310, order No. R-2977, this injection well was approved by the Oil Conservation Commission. The unorthodox location is as shown above.

The casing program approved by the OCC was to set 30 feet of 13 3/8" casing. Drill to 550 which is approximately top of salt, if no circulation is lost, reduce hole and drill to T.D. (3400) in red sand and then spot 50 sx plug at top of salt through 1" tubing.

An alternate casing program approved by the OCC was to set 30 feet of 13 3/8" casing. Drill to 550 which is approximately top of salt, if no circulation is lost, reduce hole and drill to T.D. (3400) in red sand and then spot 50 sx plug at top of salt through 1" tubing.

The casing program approved by the OCC was to set 30 feet of 13 3/8" casing. Drill to 550 which is approximately top of salt, if no circulation is lost, reduce hole and drill to T.D. (3400) in red sand and then spot 50 sx plug at top of salt through 1" tubing.

RECEIVED

RECEIVED
 DEC 8 1965
 U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

DEC 9 1965

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 directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

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

O. C. C.

ARTESIA, OFFICE

SIGNED *Paul H. Rute*
 (This space for Federal or State office use)

TITLE *Division Engineer*

DATE *Dec. 5, 1965*

PERMIT NO.

APPROVAL DATE

TITLE

DATE

APPROVED
 DEC 10 1965
 R. L. BELMONT
 ACTING DISTRICT ENGINEER

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

Form C-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Western Oil Field	
Unit Letter	Section 31
Actual Footage Location of Well: 2630 feet from the	
Ground Level Elev: 3820	Producing Formation Graybo

No.	Lease Grier-Federal	Well No. 15
Township 16 South	Range 31 East	County Eddy
East 10 feet from the North line		
on San Andres	Pool Square Lake	Dedicated Acreage: 70 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is indicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

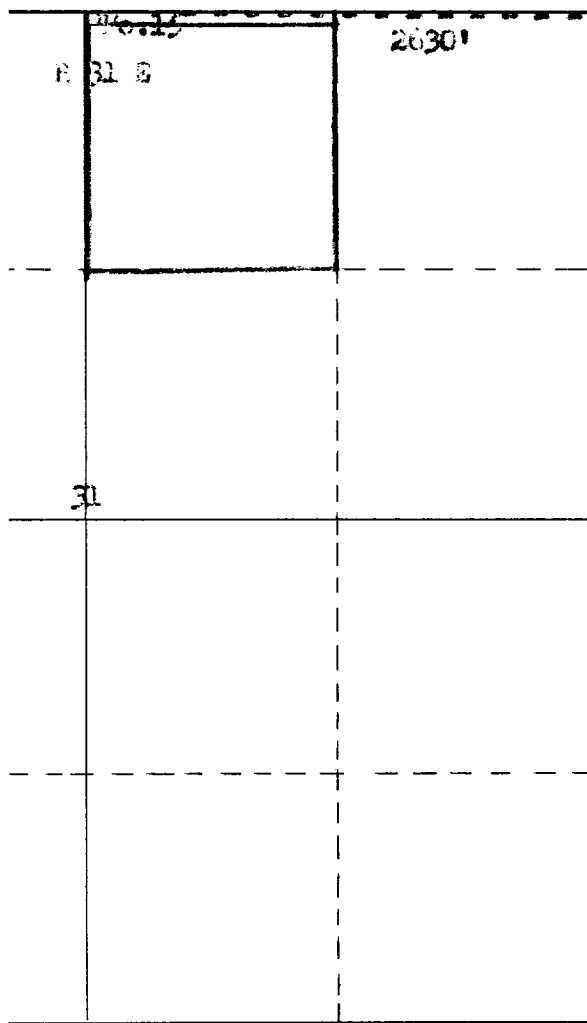
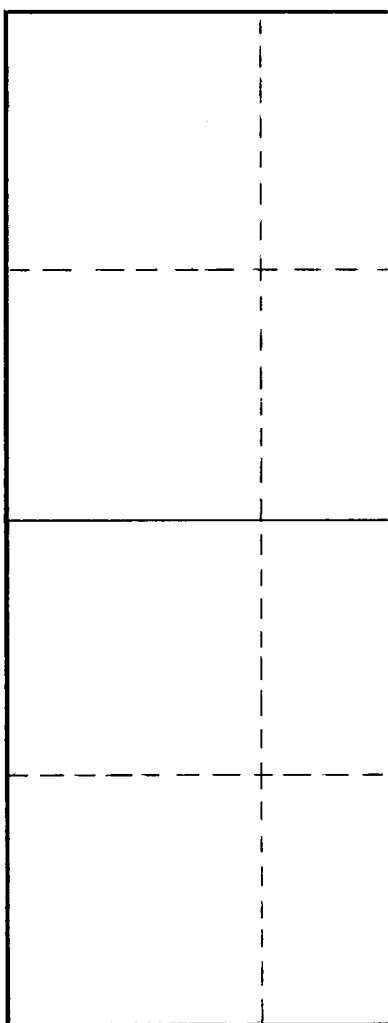
to the subject well by colored pencil or hachure marks on the plat below.
 If more than one lease is indicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation (Use reverse side of this form if necessary.)
 No allowable will be assigned by communitization, unitization, or otherwise.

er is "yes," type of consolidation **DEC 9 1965**
 owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.)
O. O. O.
ARTESIA, OFFICE
 to the well until all interests have been consolidated (by communitization, unitization, or otherwise), eliminating such interests, has been approved by the Commission.

RECEIVED

DEC 7 1965

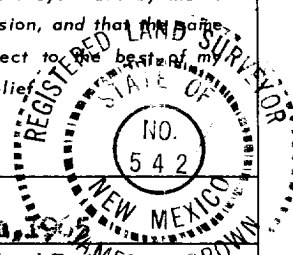


CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **Paul White**
 Position **Div. Engr.**
 Company **Western Oil Fields, Inc**
 Date **Dec 5, 1965**

I hereby certify that the well location shown on this plat 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 **November, 9th, 1965**
 Registered Professional Engineer and/or Land Surveyor **JAMES H. BROWN**

James H. Brown
 Certificate No. **7.1.1.2. No. 542**

30-015-04946

