

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Copy to

30-015-10571
5. LEASE DESIGNATION AND SERIAL NO.
NM 07781

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

H. J. Loe - Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Square Lake

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

30-16S-30E, NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

New Mex.

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

Ryder Scott Management Company

O. C. C.

3. ADDRESS OF OPERATOR

922 - 8th Street, Wichita Falls, Texas

ARTESIA, OFFICE

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

At surface

1650' FNL, 990' FEL of Sec. 25 (SE/4 NE/4)
T-16-S, R-30-E, NMPM

At proposed prod. zone

Same

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

4 miles east and 5 miles north of Loco Hills, N. M.

15. DISTANCE FROM PROPOSED* 1650' FN & WL of
LOCATION TO NEAREST lease
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)16. NO. OF ACRES IN LEASE
448.4217. NO. OF ACRES ASSIGNED
TO THIS WELL 4018. DISTANCE FROM PROPOSED LOCATION* 2360' W of
TO NEAREST WELL, DRILLING, COMPLETED well No. 2
OR APPLIED FOR, ON THIS LEASE, FT.19. PROPOSED DEPTH
3300 ft.20. ROTARY OR CABLE TOOLS
Rotary

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

Gr 3822

22. APPROX. DATE WORK WILL START*

On Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13" surface		30'	Cement to surface
11"	*	24#	450'	*
7-7/8"	4-1/2"	10.5#	3300'	250 sx.

- * At H. J. Loe Federal well No. 3 there was no loss of circulation. Therefore, we are setting up to set no intermediate string to 450 ft. provided no loss of circulation occurs to this depth. If there is a loss of circulation then 8-5/8" casing will be set to 450 ft. and cement circulated. *If no 8 5/8" Casing run, 50sx cement will be spotted outside 4 1/2" Casing then 1" pipe.* The acreage dedicated (40 ac.) to the objective pay zone will cover the depth from approximately 3000 ft. to 3300 ft. covering the Metex and the Upper, Middle and Lower Premier in the lower Grayburg formation, and the Lovington in the upper San Andres formation.

SALT SECTION MUST BE ISOLATED FROM
FLUIDS ABOVE AND BELOW BY CEMENT.

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

John N. Moffet

TITLE

Agent

DATE

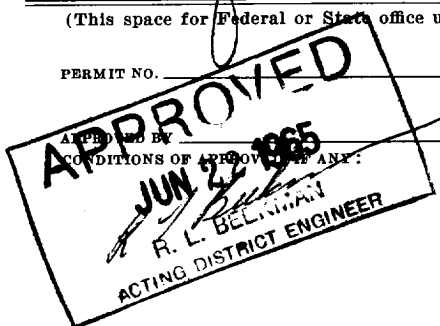
JUN 17 1965

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE

SALT SECTION MUST BE ISOLATED FROM
FLUIDS ABOVE AND BELOW BY CEMENT.

*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.

**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 Ryder Scott Management Company			Lease H.J. Lee-Federal		Well No. 4
Unit Letter H	Section 25 24	Township 16 South	Range 30 East	County Edgy	
Actual Footage Location of Well: 1650 feet from the North line and 790 feet from the East line					
Ground Level Elev: 3842	Producing Formation		Pool Square Lake	Dedicated Acreage: 40 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 dedicated 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?

RECEIVED

☐ Yes ☐ No If answer is "yes," type of consolidation _____

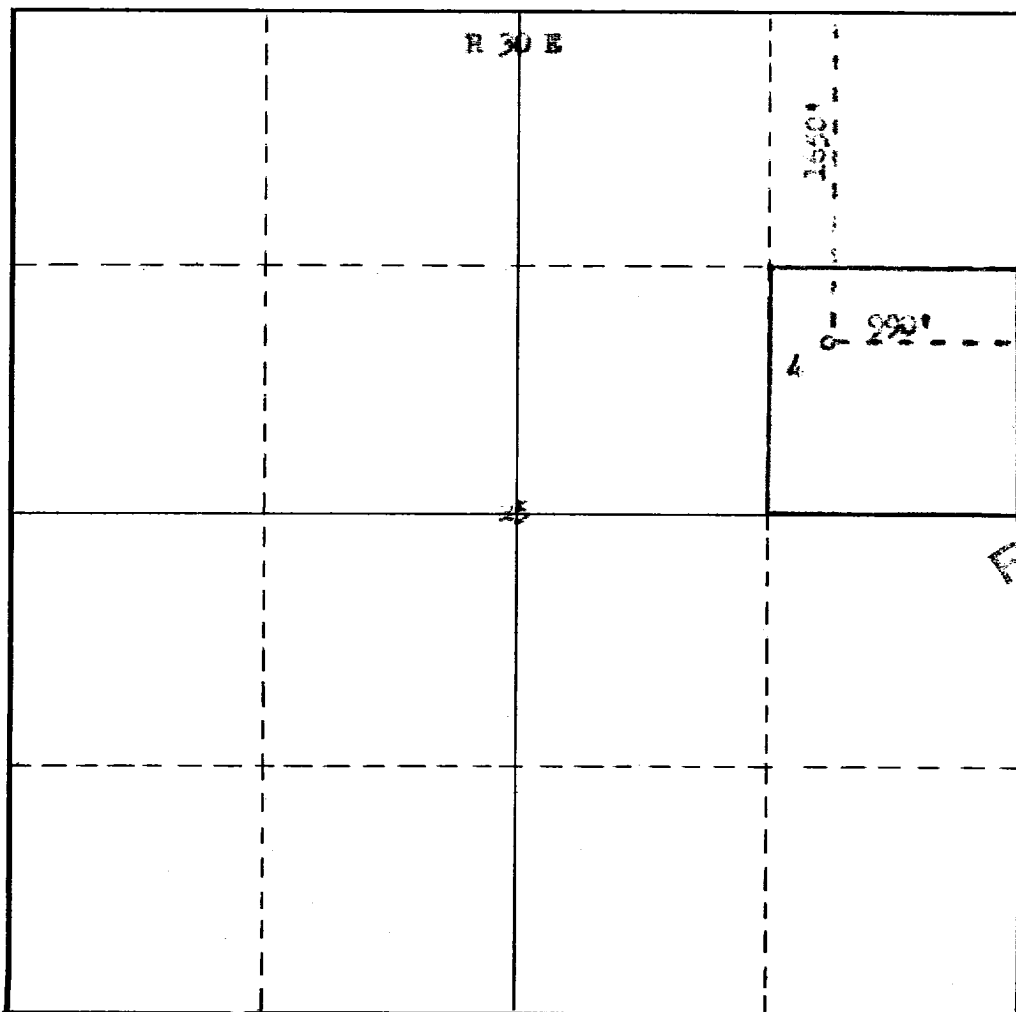
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

JUN 23 1965

O. C. C.

ARTESIA, OFFICE



CERTIFICATION

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

Name **James H. Brown**
Position **Surveyor**
Company **Ryder Scott Management Co.**

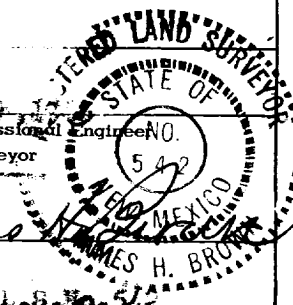
Date **June 12, 1965**

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 _____

Registered Professional Engineer NO. _____
and/or Land Surveyor

Certificate No. _____



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0