

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCopy
to J. F.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐REDEVELOP ☒

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Ryder Scott Management Company

3. ADDRESS OF OPERATOR

922 - 8th St., Wichita Falls, Texas

O. C. C.

ARTESIA OFFICE

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

At surface

330' FNL and 2310' FWL of Sec. 30 (NE/4 NW/4)
T 16S - R 31E - NM PM

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.

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)330' FNL of
lease

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.1930' NE
of well No. 2

16. NO. OF ACRES IN LEASE

448.42

19. PROPOSED DEPTH

3300

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

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
11'	8-5/8'	24#	400' top salt	175 sacks
7-7/8'	5-1/2'	14#	3300'	190 sacks

H. J. Loe Federal No. 3 will be drilled as a producing well in the NE/4 of the NW/4 of Section 30-T 16S - R 31E, Eddy County, New Mexico. The acreage dedicated to objective pay zone will cover the depth from approximately 3000 ft. to 3300 ft. all in Grayburg-San Andres. Projected total depth is 3300 ft. Surface casing (8-5/8" O. D.) will be set at approximately 400' in top of salt and cement circulated. The long string of 5-1/2" O. D. casing either will be set at total depth and cemented with 100 sacks or set at top of pay near 3000 ft. and cemented with 100 sacks to decide to complete pay in open hole. If casing (5-1/2" O. D.) is cemented from total depth then numerous zones will be perforated and sand frac'd. If casing is set at top of pay then an oil well explosive may be used.

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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 location and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED John W. Moffet TITLE Production Superintendent DATE Feb. 11, 1965

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY Richard C. Bain, Jr.TITLE ACTING DISTRICT ENGINEERDATE FEB 17 1965

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.

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. Loe - Federal		Well No. 3
Unit Letter C	Section 30	Township 16 S	Range 31 E	County Eddy	
Actual Footage Location of Well: 2310 feet from the west line and 330 feet from the north line					
Ground Level Elev. approx. 3825	Producing Formation Grayburg-San Andres ✓		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?

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

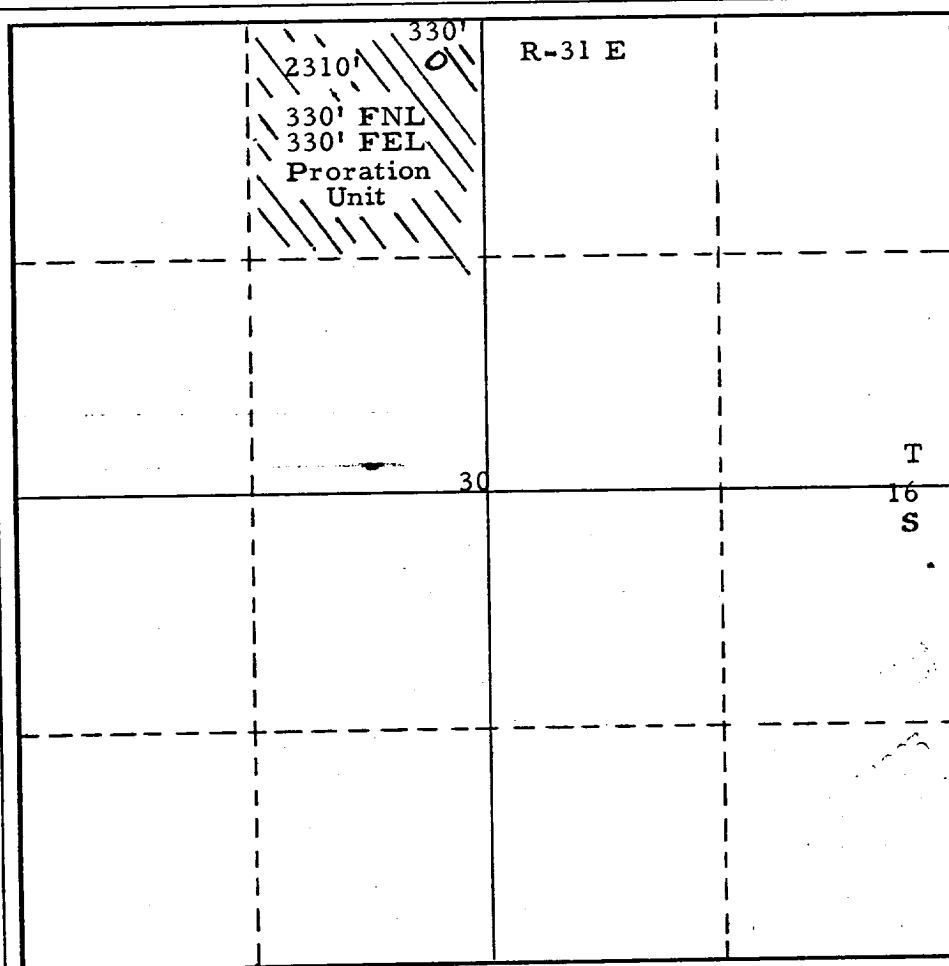
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.

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ARTESIA, OFFICE



CERTIFICATION

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

Name
John N. Moffet
Position
Production Sup't.
Company
Ryder Scott Management Co.

Date
Feb. 11, 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
Feb. 6, 1965

Registered Professional Engineer and/or Land Surveyor

James H. Lunn
Certificate No. **542**