

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Copy 291

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ (Re-entry) DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NM-0162		
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER Water Injection ☒ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Shell Oil Company (Western Division)			7. UNIT AGREEMENT NAME North Square Lake Premier Unit		
3. ADDRESS OF OPERATOR P. O. Box 1509, Midland, Texas 79701			8. FARM OR LEASE NAME North Square Lake Premier Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' F&L & 1900' F&L, Section 5, T-16-S, R-31-E, NMJM Survey, Eddy County New Mexico At proposed prod. zone same			9. WELL NO. 11		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11 miles North Loc. Hall, New Mexico			10. FIELD AND POOL, OR WILDCAT North Square Lake GB/...		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' Lease line 1900' Unit line			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 5 T-16-S, R-31-E NMJM		
16. NO. OF ACRES IN LEASE 1000 Unit			12. COUNTY OR PARISH Eddy		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4053' DF			22. APPROX. DATE WORK WILL START* July 20, 1966		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
2 7/8"	7 5/8"	24#	204'	300
6 3/4"	4 1/2"	9.5# & 11.6#	3549'	400

Well originally drilled to TD 3550' and 7 5/8" & 4 1/2" casing, cemented at next above. Plugged and abandoned January 2, 1962. (Formerly Shell Tring-Federal #4)

1. Re-enter and drill out cement plug.
2. Clean out and convert to water injection well.

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NMOC Order No. R-3016 & R-3017.

O. C. C.
ARTESIA, OFFICE

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 <u>J. D. Duran</u> J. D. Duran		TITLE <u>State Registration Engineer</u>		DATE <u>July 12, 1966</u>
(This space for Federal or State office use)				
PERMIT NO. <u> </u>		APPROVAL DATE <u> </u>		
APPROVED BY <u> </u>		TITLE <u> </u>		DATE <u> </u>
CONDITIONS OF APPROVAL, IF ANY: <u> </u>				

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Well Oil Company (Western Division)			Lease North - Queen Lake Pools Unit		Well No. 17
Unit Letter V	Section 5	Township 16N	Range 31E	County Brewer	
Actual Footage Location of Well: 660 feet from the Section line and 1980' feet from the Section line					
Ground Level Elev. 4000'	Producing Formation P. 100'		Pool North - Queen Lake OB/11	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 **Unitization** **JUL 21 1966**

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

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.

CERTIFICATION

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

Name **J. D. Durend**
Position **J.D. Durend**
Registered Professional Engineer
Company **Well Oil Company**
Date **July 12, 1966**

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 and/or Land Surveyor

Certificate No.

