

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

copy to J.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NA-4244 2C062483
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☒ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
2. NAME OF OPERATOR Shell Oil Company (New Mexico Division)		7. UNIT AGREEMENT NAME North Square Lake Premier Unit
3. ADDRESS OF OPERATOR P. O. Box 1509, Miami, 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 600' F&L & 1629' F&L section 6, T-16-N, R-31-E, (1/4 SW/4) NMPM Survey, Eddy County, New Mexico At proposed prod. zone 1629'		9. WELL NO. 14
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 10 miles North Lake Hill, New Mexico		10. FIELD AND POOL OR WILDCAT 2nd
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 600'		11. SEC. T., R., M. OR BLK. AND SURVEY OR AREA Sec 6, T-16-N, R-31-E
16. NO. OF ACRES IN LEASE Unit 1000		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. 1495'		19. PROPOSED DEPTH 3300'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* July 20, 1966
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3995' DF (estimated)		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7 1/8"	7 5/8"	33.7#	200'	120 BA (Circ)
6 3/4"	4 1/2"	9.5# & 11.6#	3300'	400 BA (Circ)

To be drilled as a water injection well.

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

NMOCC O-361 No. R-3016 & R-3017

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 J. D. Duren J. D. Duren TITLE State Exploration Engineer DATE July 12, 1966
(This space for Federal or State office use)PERMIT NO. APPROVAL DATE JUL 13 1966
APPROVED BY Jan A. Frank TITLE DATE JUL 13 1966
CONDITIONS OF APPROVAL, IF ANY:

*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 Shell Oil Company (Western Division)		Lease North Square Lake Premier Unit		Well No. 14
Unit Letter V	Section 6	Township 16	Range 11E	County Edwy
Actual Footage Location of Well: 660 feet from the South line and 1029 feet from the West line				
Ground Level Elev. Not available	Producing Formation Premier sand	Pool 2nd - North Square Lake O.D.	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated 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?

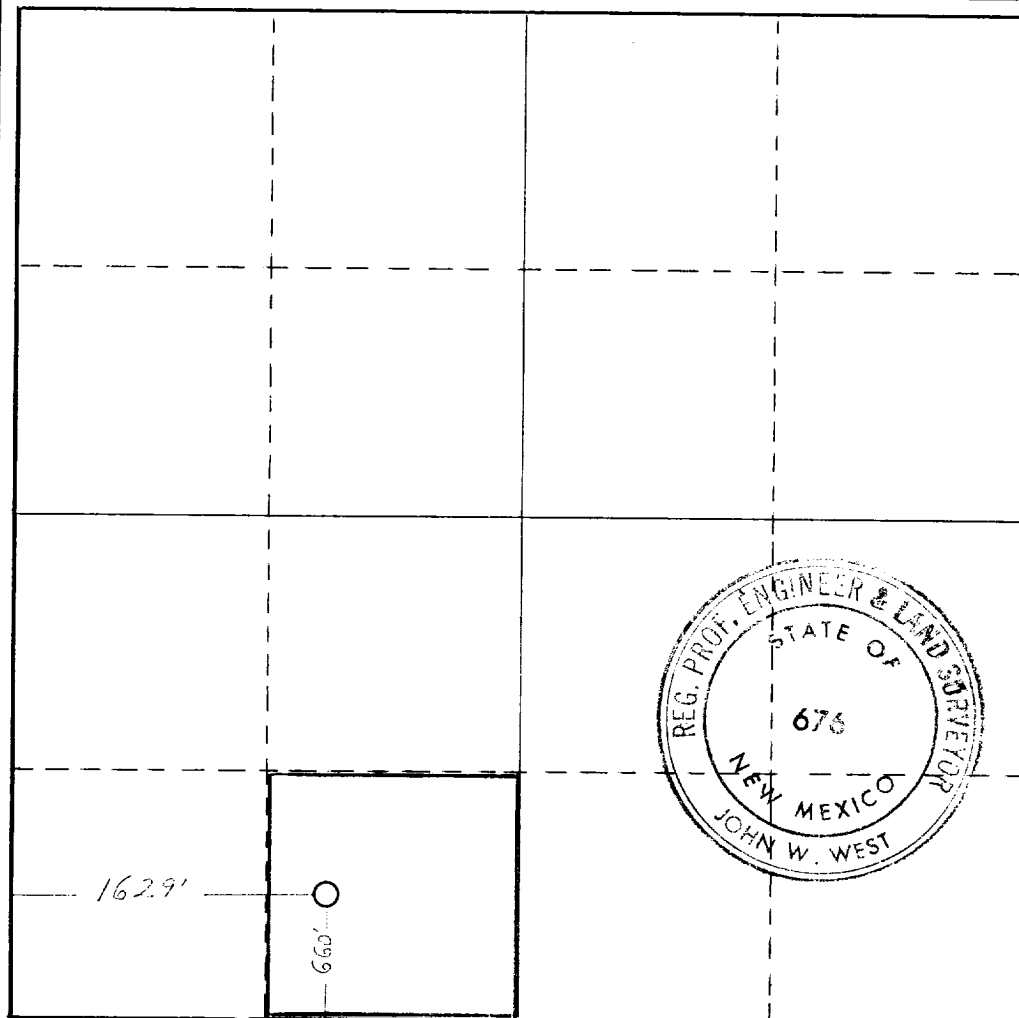
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☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. ARTESIA OFFICE

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. Durell
Position Exploitation Engineer
Company Shell 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

7-8-66

Registered Professional Engineer and/or Land Surveyor

Certificate No.

676

