



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Drawer 1857
Roswell, New Mexico 88201

Copy to 22
IN REPLY REFER TO:

December 3, 1971

RECEIVED

DEC 6 1971

R. Q. Silverthorne
Post Office Drawer 10
Plainview, Texas 79072

D. C. L.
ARTESIA, OFFICE

Dear Sir:

Your Notice of Intention to Drill well No. 3 Kainath in the NW 1/4 sec. 25, T. 18 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, lease New Mexico 61375, to a depth of 3500 feet to test the Queen-Grayburg formation in the Potash Area, is hereby approved.

One copy of the Notice is returned herewith. Please notify the District Engineer, Geological Survey, Post Office Drawer U, Artesia, New Mexico, 88210, in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

N. O. FREDERICK
Regional Oil and Gas Supervisor

Attachment

cc:
Washington
Mining Branch (2)
BODCC-Artesia (2) (w/2 cys Notice) ✓
Artesia (w/cy Notice)
Roswell (2) (w/cy Notice)

[illegible]

N. M. O. C. C. COPY

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NM 01375	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR R. Q. Silverthorne			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Drawer 10, Plainview, Texas 79072			8. FARM OR LEASE NAME Keirath	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2310' From South line, 330' From West line At proposed prod. zone			9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles SE of Loco Hills, New Mexico			10. FIELD AND POOL, OR WILDCAT Shugart	
10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25-18S-30E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 660'			12. COUNTY OR PARISH 13. STATE Eddy New Mexico	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3446' GR			17. NO. OF ACRES IN LEASE 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 160 3500 Rotary	
22. APPROX. DATE WORK WILL START* 12-10-71				

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	12 3/4"		40	Circulate
11"	8 5/8"	32	710	200 Sx L.W. 2% Cacl.
				100 Sx. Class C 2% Cacl.
7 7/8"	5 1/2"	15 1/2 & 17	3500	200 Sx. Light Weight
				150 Sx. Class C
				8# Nacl. & 5# sd/sx

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O. C. C.
ARTESIA, OFFICE

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Nancy King TITLE Agent DATE December 2, 1971
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
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.

MEXICO OIL CONSERVATION COMMISS
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.

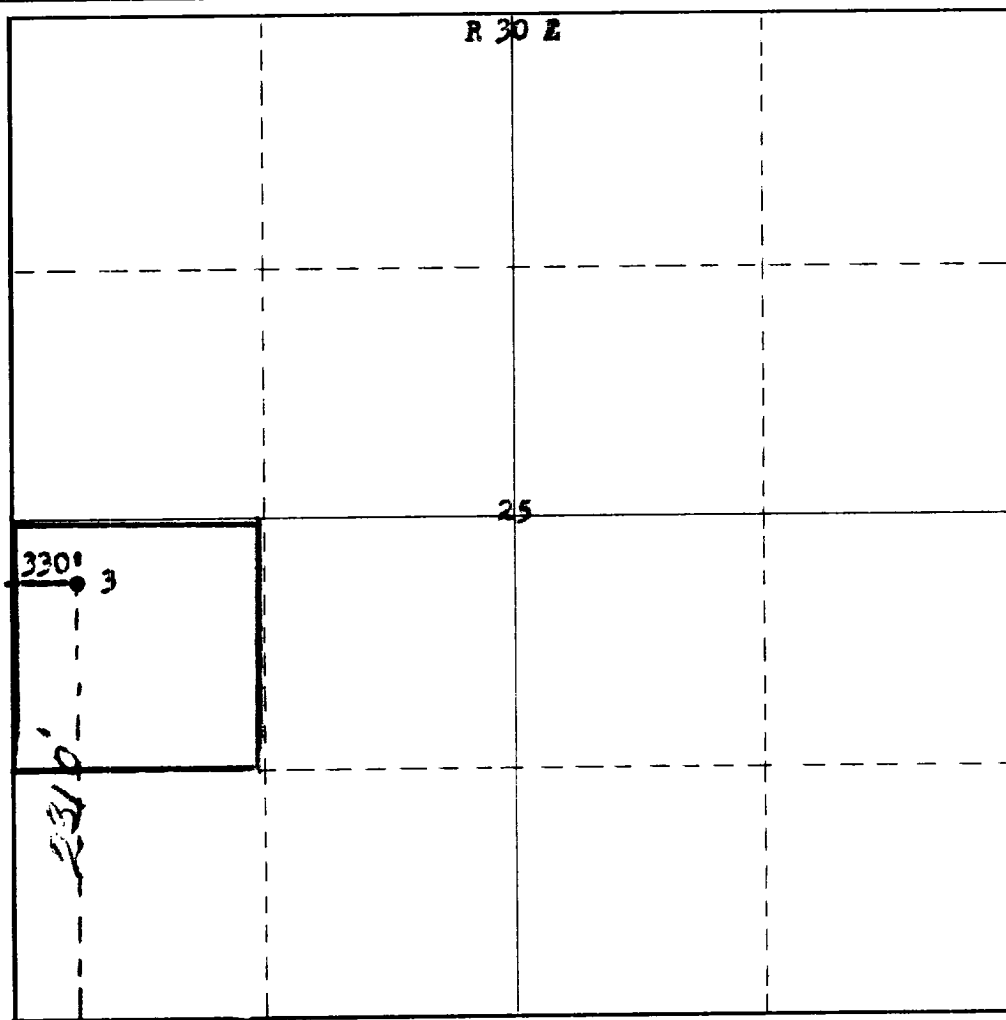
Operator R. Q. SILVERTHORNE		Lease LAUREL H. FARM		Well No. 3	
Unit Letter L	Section 25	Township 18 South	Range 30 East	County Adair	
Actual Footage Location of Well: 2310 feet from the South line and 330 feet from the West line					
Ground Level Elev. 3446	Producing Formation Q-St.	Pool Shugart	Dedicated 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.



CERTIFICATION

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

Name Nancy Dising
Position Agent

Company
R. Q. Silverthorne

Date
December 2, 1971

I hereby certify that the well location shown on this plat is true and correct to the best of my knowledge and belief, and that the same is true and correct to the best of my knowledge and belief.

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ARTESIA, N.M.

Date Surveyed
December 1st, 1971

Registered Professional Engineer and/or Land Surveyor

Certificate No. 342