

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 ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Kewanee Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 3786, Odessa, Texas 79760

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface Unit N, 990' from West line and 990' from South line.
Section 12, T-17-S, R-29-E, Eddy County, New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles NW of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
330'
330'

16. NO. OF ACRES IN LEASE
1,343.96

17. NO. OF ACRES ASSIGNED
TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
1043'

19. PROPOSED DEPTH
2600'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3640' G.L.

22. APPROX. DATE WORK WILL START*
August 17, 1974

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-14"	8-5/8"	24# - 32#	500'	200 Sacks
7-7/8"	5-1/2"	14#	2600'	550 Sacks

Propose to drill 12-1/4" hole to 500', cement 8-5/8" casing with 100 sacks HOWCO LIGHT and 100 sacks Class C. Drill 7-7/8" hole to 2600', cement 5-1/2" casing with 450 sacks Class C with 6% Gel and 100 sacks Class C neat. Run GR-N log, perforate, acidize with 1,000 gallons 15%, treat with 10,000 gallons and 15,000# sand. Mud program: 0-2400' water, 2400'-2600' salt water mud. Mud properties: Weight 10#, Viscosity 35, Water Loss 30 cc. Blow out preventer will be Shafer double Type E, Series 900, Hydraulic operated.

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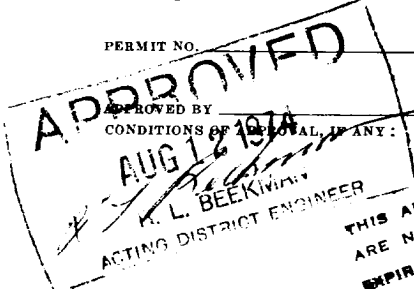
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 T. B. Brown TITLE Production Supervisor DATE August 1, 1974

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____



THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
NOV 12 1974
*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 LAND COMMUNITIZATION COMMISSION
 * WELL LOCATION AND ALLEGE DEDICATION PLAT

Section 17, Township 22N, Range 2E, Section 17, T22N, R2E, S17

KEWANEE OIL COMPANY

Square Lake 12 Unit *Jr. 2*

Well No. ~~201~~ **202** *2*

"M"

12

17 S.

29 E.

County

Eddy

990

South

990

West from the

West

line

3640

Grayburg - San Andres

Square Lake G-SA

Dedicated acreage **40**

The well is dedicated to the State of New Mexico by colored pencil or hatchure marks on the plat below.

The well is dedicated to the well outline each and identify the ownership thereof (both as to working interest and ownership).

Should different ownerships be dedicated to the well, have the interests of all owners been consolidated (by communitization, unitization or otherwise) and if so, for what purpose?

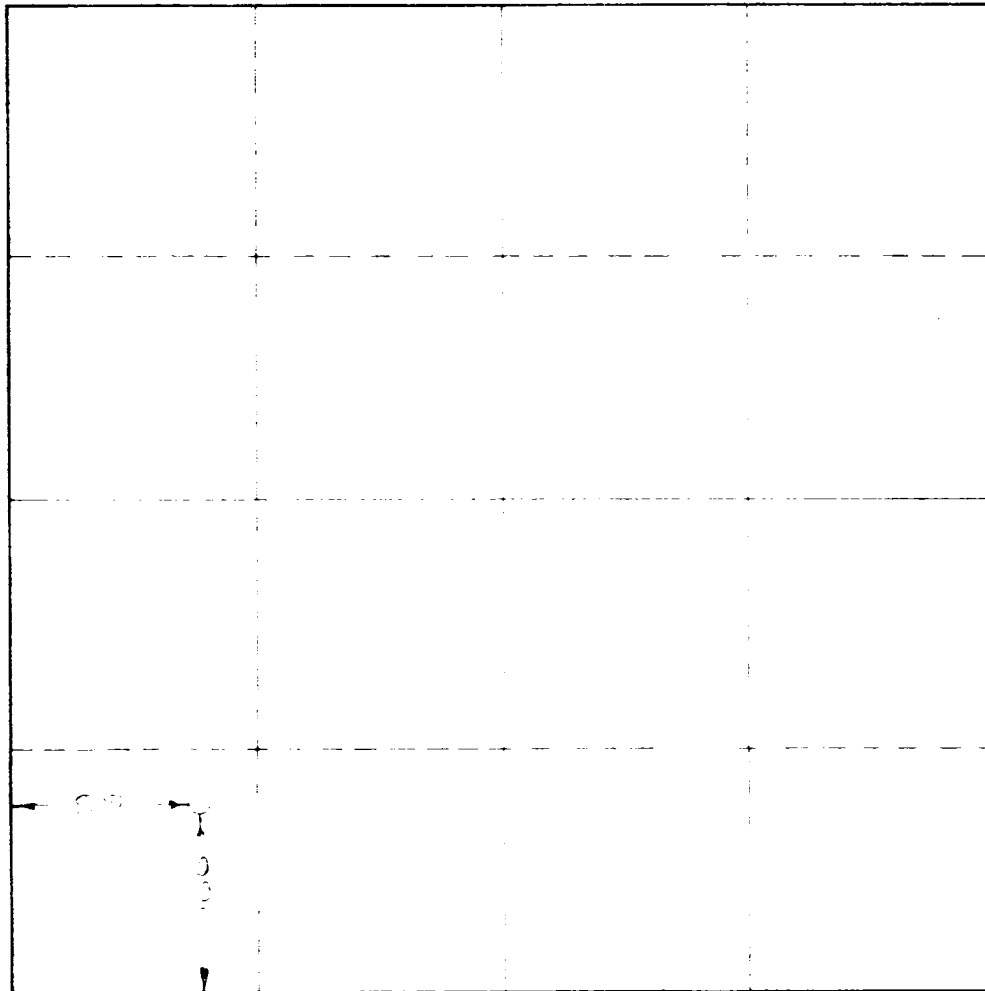
X

Unitization

Has the well been unitized or consolidated?

If the interests of the well have been consolidated (by communitization, unitization or otherwise) and if so, for what purpose?

If the interests of the well have been consolidated (by communitization, unitization or otherwise) and if so, for what purpose?



CERTIFICATION

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

H. B. Ross

Name

Position

**H. B. Ross
Production Supervisor**

Company

Kewanee Oil Company

Date

August 5, 1974

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I hereby certify that the well location shown on this plat was taken from field notes of a survey made by me or under my supervision and is true to the best of my knowledge and belief.

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Exhibit Surveyed

July 26

Registered

Surveyor

and

Surveyor

and

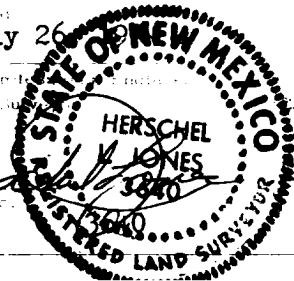
Surveyor

and

Surveyor

and

Surveyor



KEWANEE OIL COMPANY

P. O. Box 3786
ODESSA, TEXAS 79760
August 5, 1974

United States Geological Survey
P. O. Drawer U
Artesia, New Mexico 88210

Gentlemen:

The following information is furnished in support of our application to drill the Square Lake 12 Unit, Tract 2, Well No. 2.

1. Plot showing existing and proposed roads.
2. Plot of rig.
3. Fresh water purchased from Double Eagle Water Company will be supplied by Kewanee Oil Company from our water injection well, Tract 1A, Well No. 3W1, east of the location. The water line will be installed along the road.
4. The well will be produced to the existing tank battery through an existing flow line.
5. Rig waste will be disposed of in the 10' x 10' x 3' burn pit and covered when work is completed.
6. Pits will be filled and location returned to original level after the well is completed.

Please advise if additional information is required.

Very truly yours,

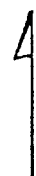
N. B. Ross

N. B. Ross
Production Supervisor

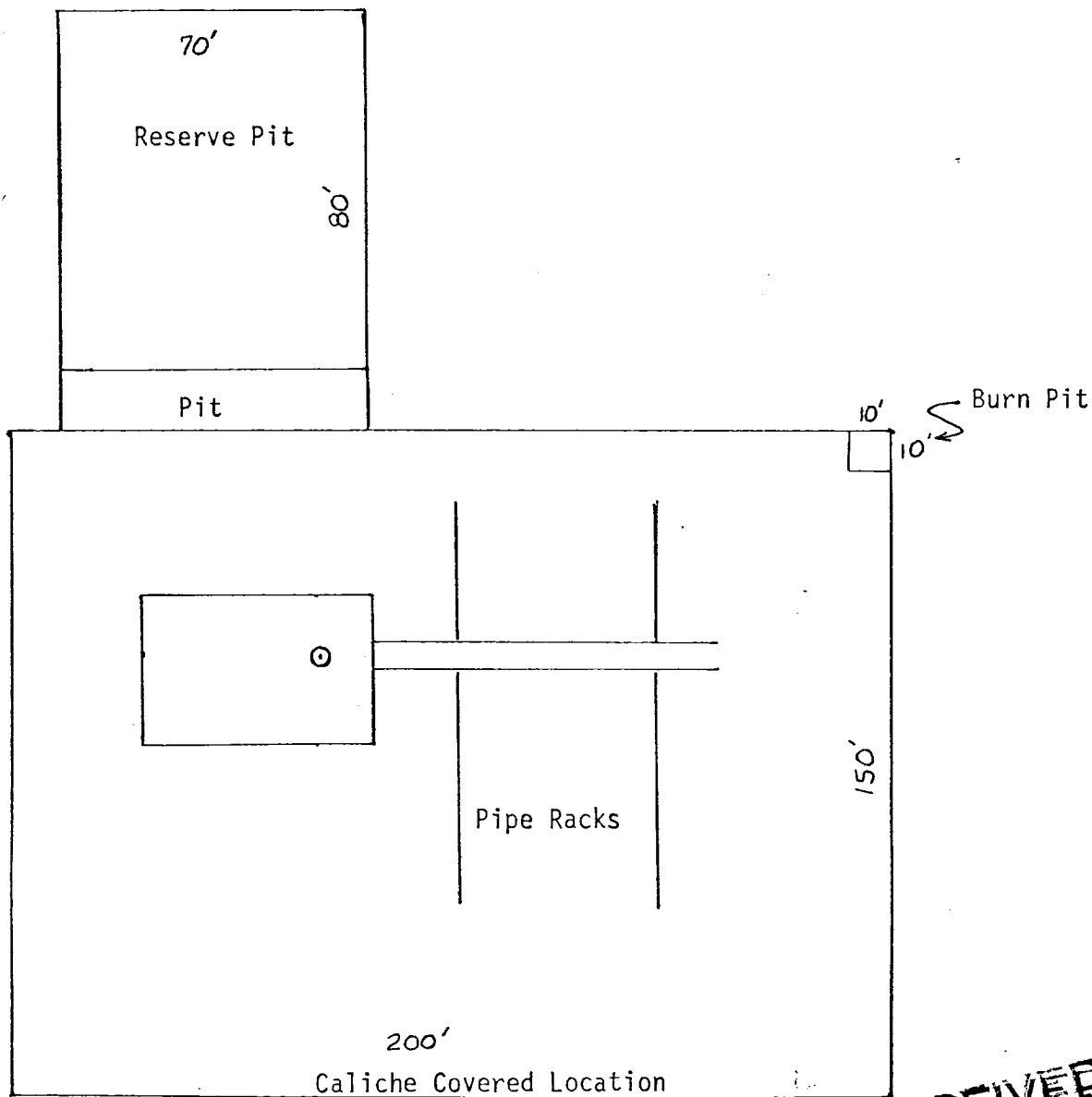
NBR:mh
Attachments

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NORTH



Square Lake 12 Unit
Tract 2
Well 2



Scale
1" = 40'

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ARTESIA, NEW MEXICO

