

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 7747	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Kewanee Oil Company		7. UNIT AGREEMENT NAME Square Lake 12 Unit	
3. ADDRESS OF OPERATOR P. O. Box 3786, Odessa, Texas 79760		8. FARM OR LEASE NAME Tract 6B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Unit C, 1960' from West line & 990' from North line At proposed prod. zone Section 12, T-17S, R-29E, Eddy County, New Mexico		9. WELL NO. 6	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 Miles NW of Loco Hills, New Mexico		10. FIELD AND POOL, OR WILDCAT Square Lake G-SA	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12 - 17S - 29E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH Eddy	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3652 GR		13. STATE New Mexico	
16. NO. OF ACRES IN LEASE 1,343.96		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
19. PROPOSED DEPTH 2550'		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* May 21, 1973			

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	100'	75 sacks
7-7/8"	5-1/2"	14#	2550'	525 sacks

Propose to drill 12-1/4" hole to 100', cement 8-5/8" casing with 75 sacks Class C. Drill 7-7/8" hole to 2550'. Cement 5-1/2" casing with 425 sacks Class C w/6% gel & 100 sacks Class C neat. Cement will be circulated to surface. Run GR-N log, perforate, acidize w/1000 gals. 15%, Treat w/10,000 gals. & 15,000# sand. Mud program: 0-2400' water, 2400' - 2550' salt water mud. Mud properties: Weight - 10#, Viscosity - 35, water loss - 30 cc. Blowout preventer will be Shafer double Type E, Series 900, Hydraulic operated.

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

E. F. Sturdevant

TITLE

District Manager

DATE

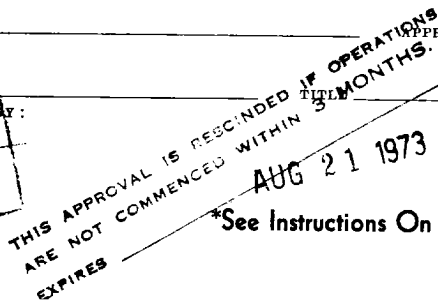
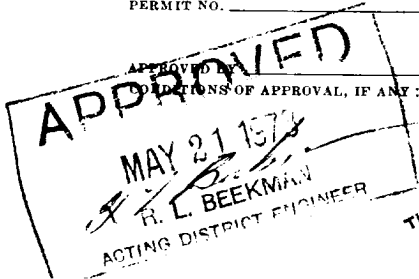
5-14-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE



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.

**N. 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.

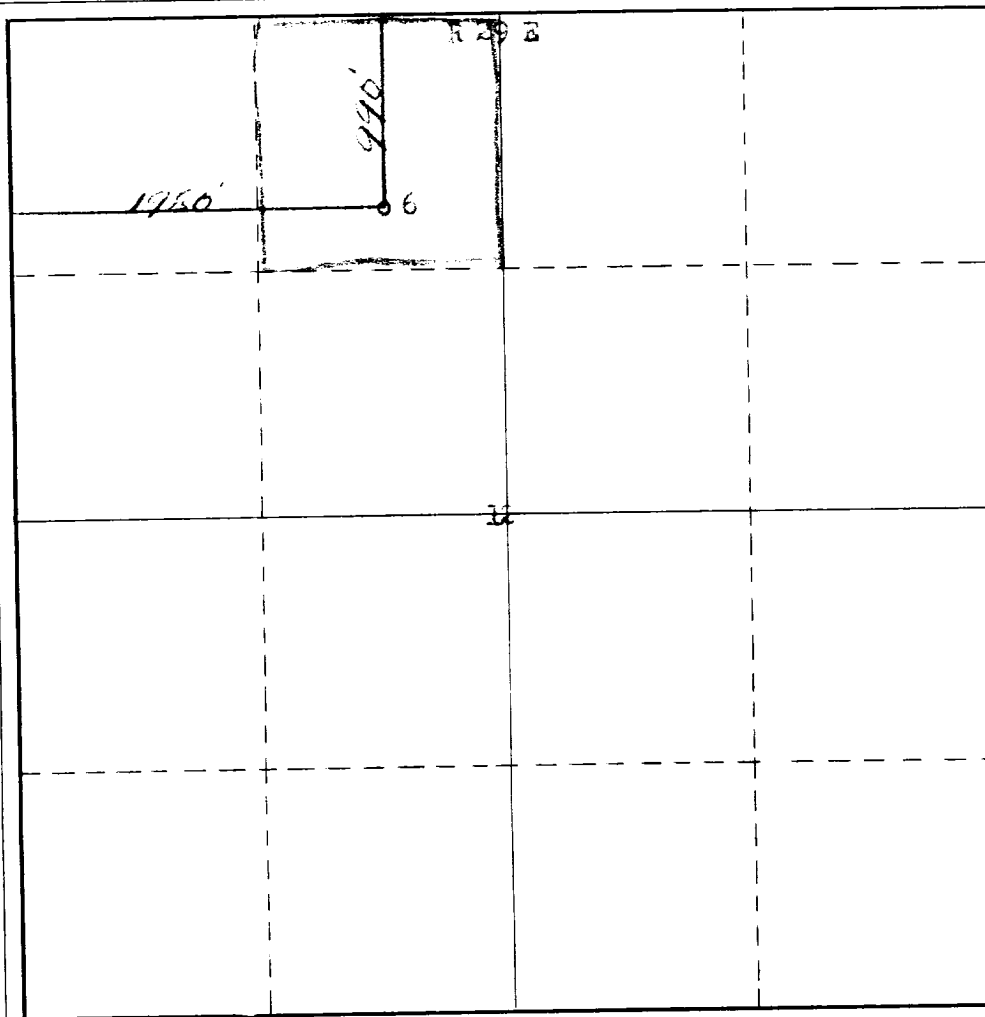
Operator KEWANEE OIL COMPANY			Lease SQUARE LAKE UNIT 1 Tract 1		Well No. 1
Unit Letter C	Section 12	Township 17 South	Range 29 East	County Eddy	
Actual Footage Location of Well: 990 feet from the North line and 1960 feet from the West line					
Ground Level Elev. 3452	Producing Formation Grayburg-San Andres		Pool Square Lake G-SA		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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**

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.

E. F. Hamilton
Name

District Manager
Position

Kewanee Oil Company
Company

Date

May 14, 1973

Date

RECEIVED
MAY 15 1973

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

May 11th, 1973

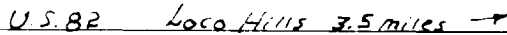
Registered Professional Engineer
and/or Land Surveyor

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

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

$$\begin{pmatrix} 1 \\ 1 \end{pmatrix}$$

R 30 E



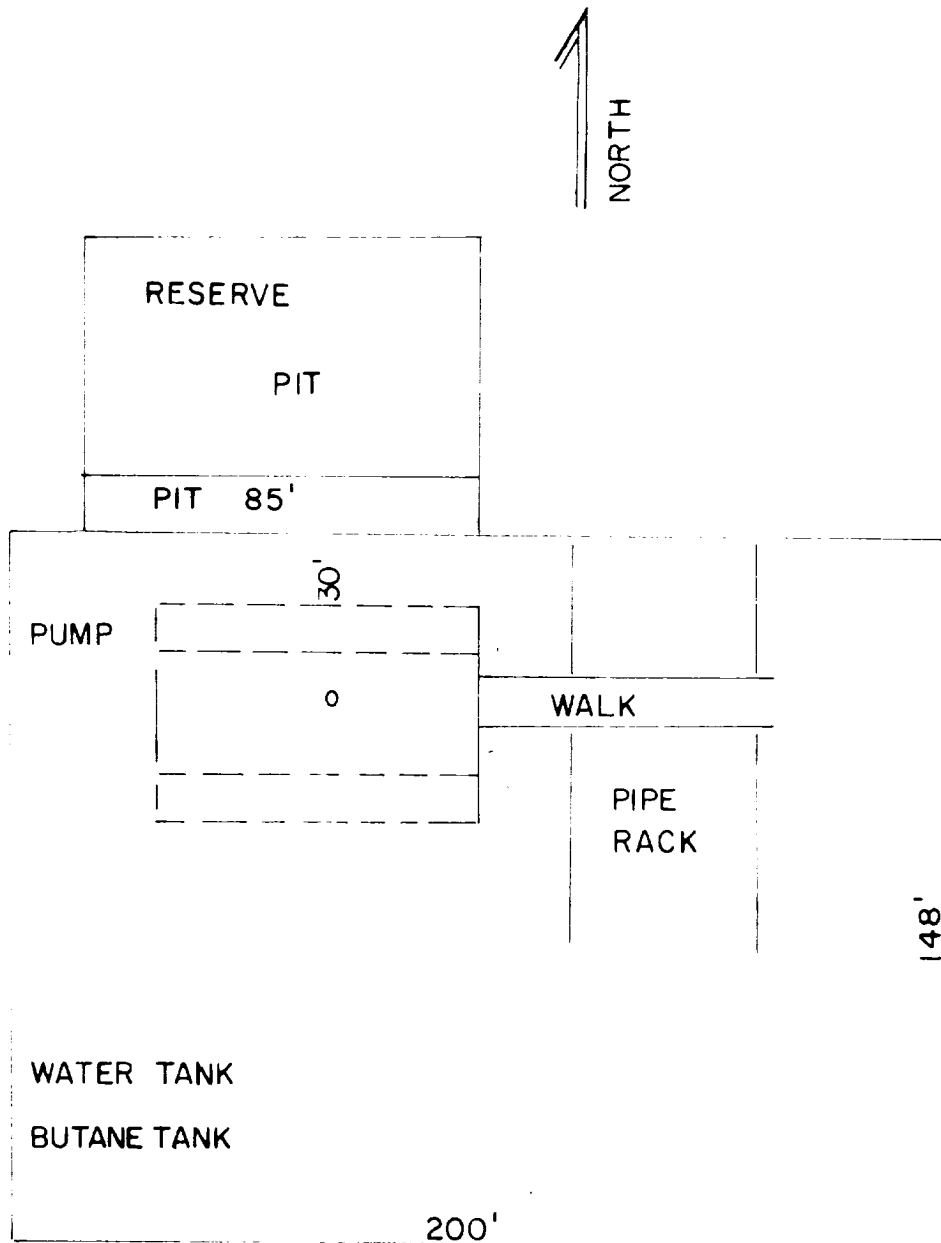
Proposed Road 1000' x 12' wide surfaced

[illegible]

RIG PLAT

DONNELLY DRILLING COMPANY

RIG NO. 2



RECEIVED
MAY 15 1973