

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-20599

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

JOHN E. SCHALK

3. ADDRESS OF OPERATOR

P. O. BOX 2078 -- FARMINGTON, NEW MEXICO 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

790' F.N.L., 1615' F.W.L., SEC. 12, T-30N, R-5W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

50 MILES EAST OF BLOOMFIELD, NEW MEXICO

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

200

17. NO. OF ACRES ASSIGNED TO THIS WELL

268.63

~~320~~ (TO BE COMMUNITIZED)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

3/4 MILE

19. PROPOSED DEPTH

8200'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6580' GR

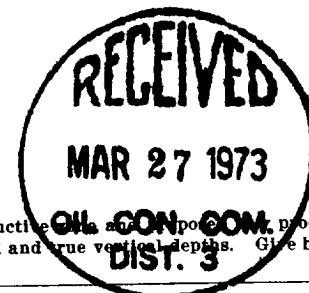
22. APPROX. DATE WORK WILL START\*

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#             | 300'          | 300 SX.            |
| 7-7/8"       | 5-1/2"         | 11.60#          | 8200'         | 350 SX.            |

WILL DRILL WITH ROTARY TOOLS TO TEST THE DAKOTA FORMATION. WILL RUN AN INDUCTION LOG & FORMATION DENSITY CALIPER GAMMA RAY LOG AT TOTAL DEPTH. IF PRODUCTIVE, WILL CEMENT 4-1/2" CASING AND PERFORATE AS NEEDED.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed 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

*John E. Schalk*

TITLE

DATE

MARCH 22, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Chalk*

## 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, pertaining 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 drill 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 ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator **JOHN E. SCHALK** Lease **LONE STAR INDUSTRIES-SCHALK-57** Well No **1**  
 Unit Letter **C** Section **12** Township **30 NORTH** Range **5 WEST** County **RIO ARriba**  
 Actual Surface Location of Well **790** feet from the **NORTH** line and **1615** feet from the **WEST** line  
**6500** **Dakota** **Basin Dakota** **268.63**



Outline the acreage dedicated to the subject well by tolerances or machine 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 **Communitization**

If answer is "no" list the owners and tract descriptions which have actually 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.

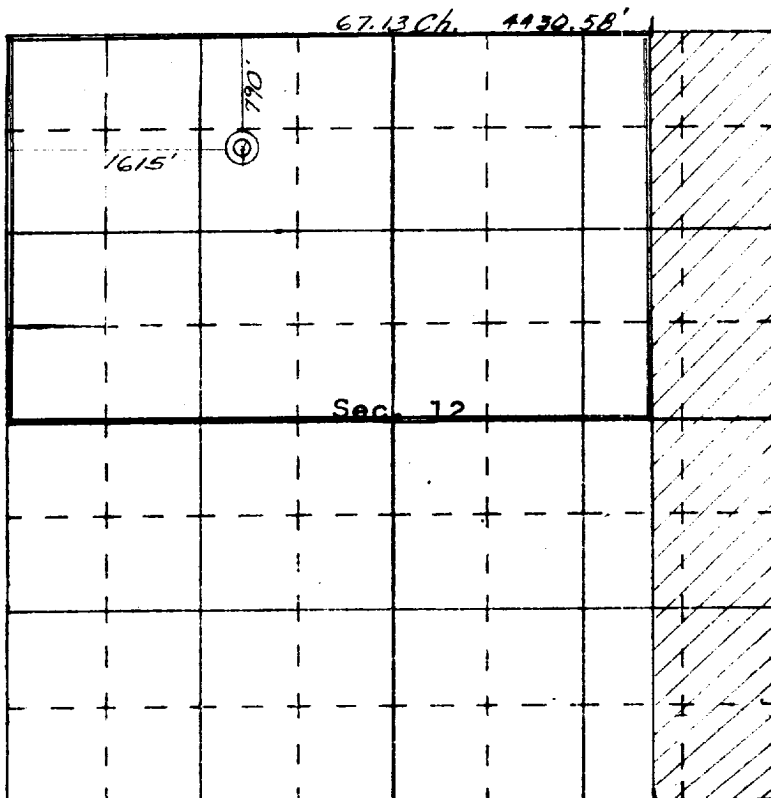
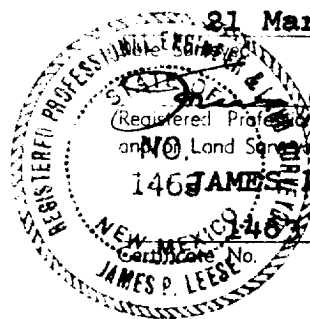
**CERTIFICATION**

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

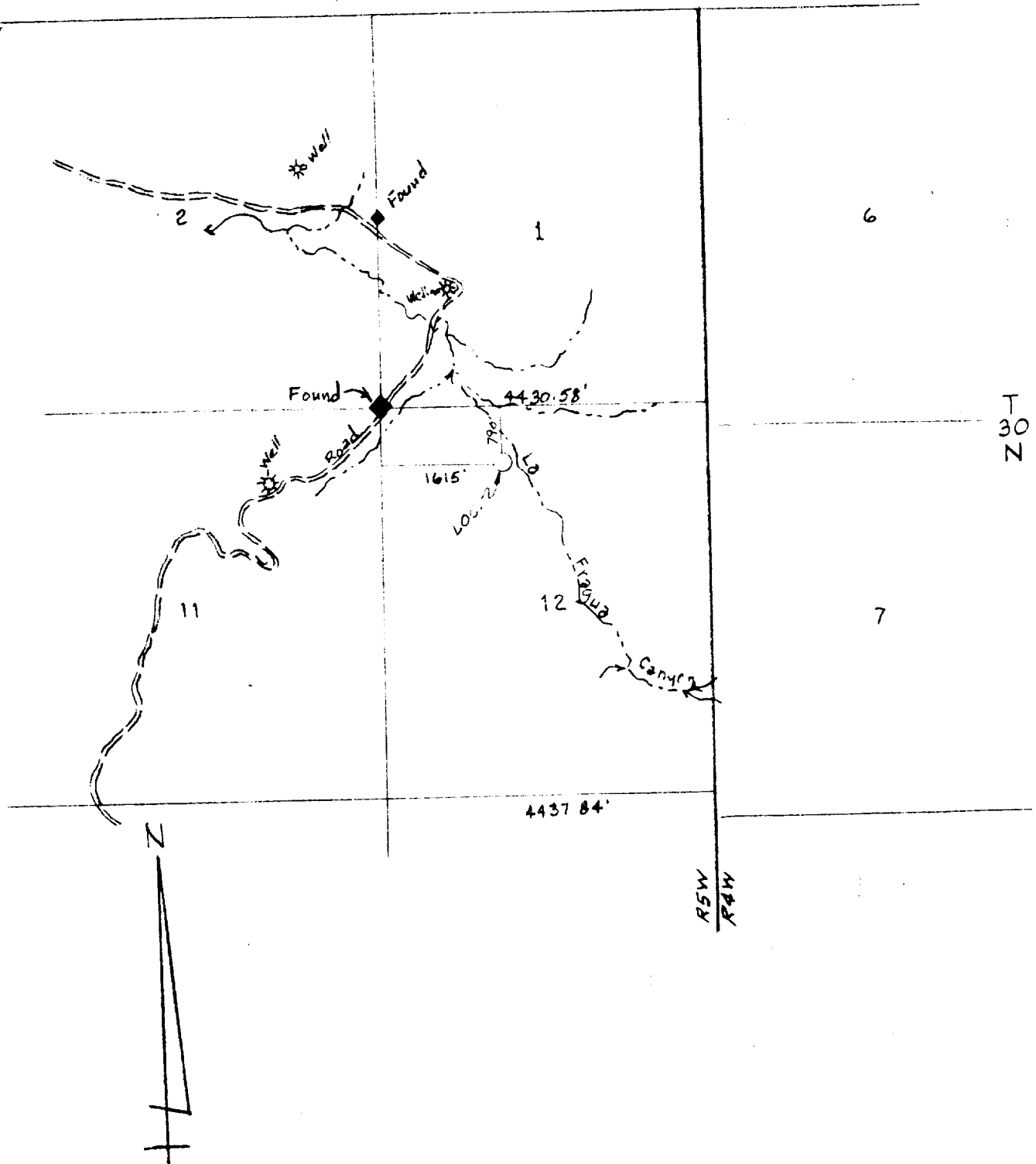
*William H. Hallcroft*  
 Name **William H. Hallcroft**  
 Position **Office Manager**  
 Company **John E. Schalk**  
 Date **March 22, 1973**

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.

**21 March, 1973**  
*James P. Leese*  
 Registered Professional Engineer  
 and Land Surveyor  
**146 JAMES P. LEESE**



SCALE—4 INCHES EQUALS 1 MILE



VICINITY MAP FOR  
JOHN E. SCHALK

Showing Location in NE/4 NW/4  
Sec. 12, T 30 N, R 5 W, N.M.P.M.,  
Rio Arriba County, New Mexico

Scale: 1"=2000' Date: 22 March, 1973

San Juan Engineering Company - Farmington, New Mexico