

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                               |                |                                                                                                              |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------|---------------|
| 1a. TYPE OF WORK<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>              |                | 5. LEASE DESIGNATION AND SERIAL NO.<br>HOO-14-20-5341                                                        |               |
| b. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>              |                | 6. MINERAL INTEREST OR TRUST NAME<br>Heirs of Ahl nah ge poh (Dag)                                           |               |
| 2. NAME OF OPERATOR<br>DR. R.E. Sitta                                                                                                         |                | 7. UNIT AGREEMENT NAME                                                                                       |               |
| 3. ADDRESS OF OPERATOR<br>903 W. Apache Farmington, New Mexico 87410                                                                          |                | 8. NAME OF LEASE NAME<br>Indian                                                                              |               |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)<br>At surface 1840 FSL 700 FWL Sec 1, T30N, R16W |                | 9. WELL NO.<br>41                                                                                            |               |
| At proposed prod. zone Gallup                                                                                                                 |                | 10. HOLE NO. OR WELDCAT<br>1840 FSL 700 FWL Sec 1, T30N, R16W                                                |               |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE<br>± 25 miles                                                            |                | 11. SEC. T. R. M. OR B.L.<br>AND SURVEY OR AREA<br>Sec. 1 T30N, R16W                                         |               |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 700'                   |                | 12. COUNTY OR PARISH<br>San Juan                                                                             |               |
| 16. NO. OF ACRES IN LEASE<br>160                                                                                                              |                | 13. STATE<br>N.M.                                                                                            |               |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>40                                                                                                  |                | 14. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. |               |
| 18. PROPOSED DEPTH<br>1800'                                                                                                                   |                | 15. ROTARY OR CABLE TOOL<br>Rotary                                                                           |               |
| 21. ELEVATION (Show whether DP, RT, GR, etc.)<br>5507 Gr.                                                                                     |                | 22. APPROX. DATE WORK WILL START<br>12-10-74                                                                 |               |
| 23. PROPOSED CASING AND CEMENTING PROGRAM                                                                                                     |                |                                                                                                              |               |
| SIZE OF HOLE                                                                                                                                  | SIZE OF CASING | WEIGHT PER FOOT                                                                                              | NETTING DEPTH |
| 11"                                                                                                                                           | 8 5/8"         |                                                                                                              | 100'          |
| 6 1/2"                                                                                                                                        | 4 1/2"         |                                                                                                              | 1800'         |
| QUANTITY OF CEMENT                                                                                                                            |                |                                                                                                              |               |
| 70 sacks                                                                                                                                      |                |                                                                                                              |               |
| 150 cu ft                                                                                                                                     |                |                                                                                                              |               |

## PROPOSE

Drill 11" hole to 110' & set 8 5/8" surface csg.  
Drill 6 1/2" hole to 1800' & set 4 1/2" long string csg.  
Complete by selective perforations and frac.

OCT 29 1974

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 planned cementing program, if any.

SIGNED

*James K. Felt*

Agent

Consulting Geologist

DATE

12-10-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*wa*

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-162  
Supersedes O-1  
Effective 1-1-67

All distances must be from the outer boundaries of the Section

|                                |                     |                        |                     |                           |                  |  |
|--------------------------------|---------------------|------------------------|---------------------|---------------------------|------------------|--|
| Operator <b>Dr. R.E. Sitta</b> |                     |                        | Lease <b>Indian</b> |                           | Section <b>1</b> |  |
| Unit Letter<br><b>L</b>        | Section<br><b>1</b> | Township<br><b>30N</b> | Range<br><b>16W</b> | County<br><b>San Juan</b> |                  |  |

Actual Footage Location of Well:

|                                   |                                      |          |                            |                           |                    |
|-----------------------------------|--------------------------------------|----------|----------------------------|---------------------------|--------------------|
| <b>1840</b>                       | feet from the <b>South</b>           | line and | <b>700</b>                 | feet from the <b>West</b> |                    |
| Ground Level Elev.<br><b>5577</b> | Producing Formation<br><b>Gallup</b> | Pool     | <b>Verde Horseshoe EXT</b> |                           | Acres<br><b>40</b> |

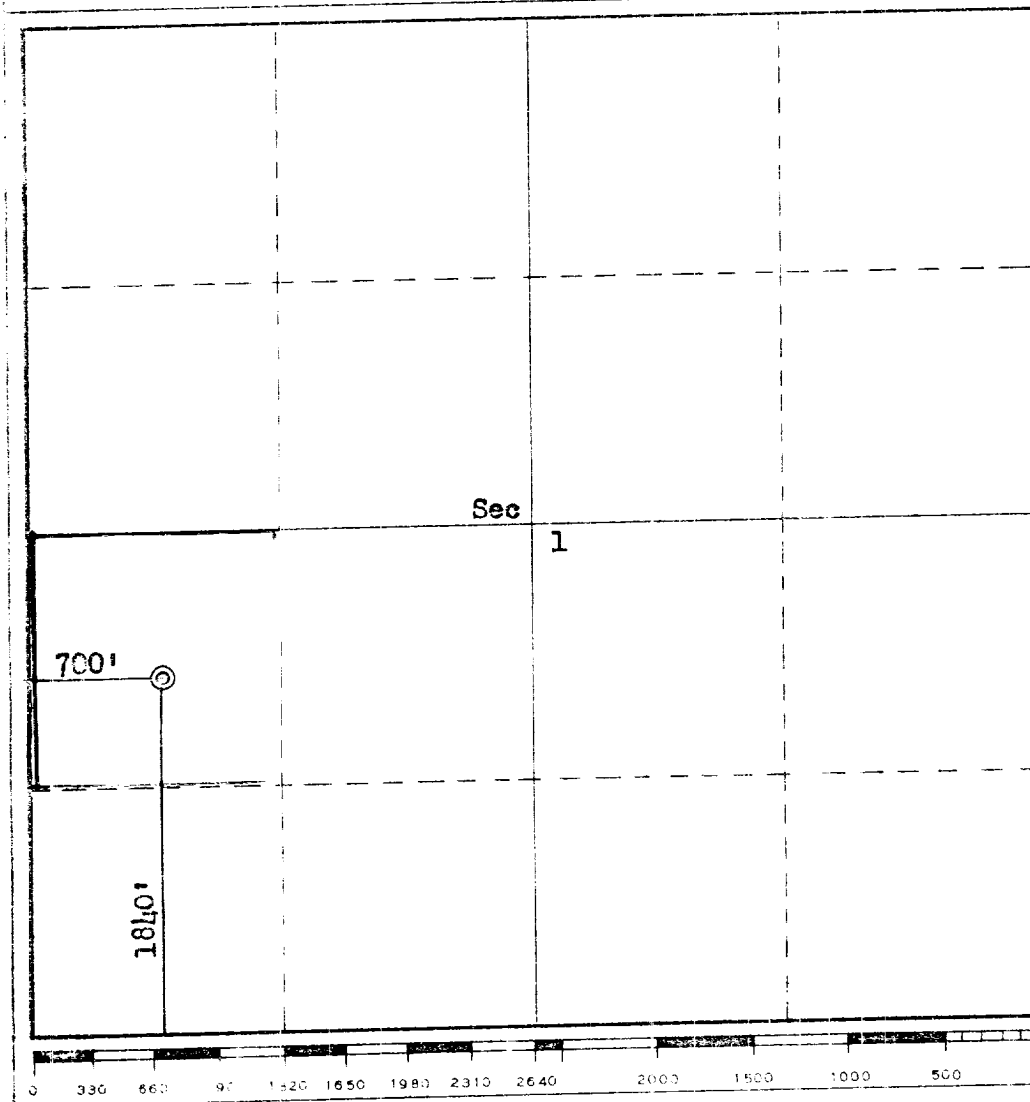
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

OCT 29 1974



**CERTIFICATION**

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

**James K. Folk**

Name  
**Consulting Geologist-Agent**

Position

Company  
**10-28-74**

Date

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  
**October 23, 1974**

Registered Professional Engineer and or Land Surveyor

**Fred B. Kerr**

Certificate No.  
**3950**