

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>Jicarilla Contract No. 156 |  |
| b. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>  |  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>Jicarilla                 |  |
| 2. NAME OF OPERATOR<br>Shar-Alan Oil Company  |  |  | 7. UNIT AGREEMENT NAME  |  |
| 3. ADDRESS OF OPERATOR<br>1402 Denver U. S. National Center, Denver, Colorado   |  |  | 8. FARM OR LEASE NAME<br>Jicarilla "D" No. 156                    |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*<br>At surface<br>2540' from the North line and 2540' from the East line<br>At proposed prod. zone |  |  | 9. WELL NO.<br>1-X  |  |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*   |  |  | 10. FIELD AND POOL, OR WILDCAT<br>So Blanco PC                    |  |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)   |  |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>11-23N-2W     |  |
| 16. NO. OF ACRES IN LEASE   |  |  | 12. COUNTY OR PARISH<br>Rio Arriba                                |  |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>160   |  |  | 13. STATE<br>New Mexico   |  |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.<br>3200'  |  |  | 20. ROTARY OR CABLE TOOLS<br>Rotary                               |  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)  |  |  | 22. APPROX. DATE WORK WILL START*<br>November 23, 1965            |  |

23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 10 3/4"      | 8 5/8"         | 24#             | 100'          | 60 sacks           |
| 6 3/4"       | 4 1/2"         | 9.5#            | 3200'         | 100 sacks.         |

After setting & cementing 8 5/8" surface casing, we propose to run an electric log and if productive, to set the 4 1/2" casing as shown above and cement same. To perforate the Pictured Cliffs pay zone and sand water frac same. To run approximately 3150' of 1/4" EUE tubing and to complete and produce as a Pictured Cliffs gasproducer.

To comply with the rules and regulations of the U.S.G.S and New Mexico Oil and Gas Commission.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to drill or 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 \_\_\_\_\_ TITLE Mgr. of Lands & Explorations DATE 11-22-65

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY GA TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:*Indel 0104 for NSC*

\*See Instructions On Reverse Side

XERO  
COPYXERO  
COPYXERO  
COPYXERO  
COPY

# NEW MEXICO OIL CONSERVATION COMMISSION

## WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

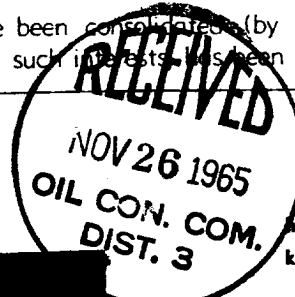
|  |                      |                                    |                        |                             |                     |
|--|----------------------|------------------------------------|------------------------|-----------------------------|---------------------|
| Operator<br><b>SHAR ALAN OIL COMPANY</b>   |                      | Lease<br><b>#1-X JICARILLA "D"</b> |                        | No. <b>136</b>              | Well No. <b>156</b> |
| Unit Letter<br><b>G</b>  | Section<br><b>11</b> | Township<br><b>23 NORTH</b>        | Range<br><b>2 WEST</b> | County<br><b>RIO ARriba</b> |                     |
| Actual Footage Location of Well:<br><b>2540</b> feet from the <b>NORTH</b> line and <b>2540</b> feet from the <b>EAST</b> line<br>Ground Level Elev. <b>7441.0</b> Pool <b>So Blanco PC</b> Dedicated acreage: _____ 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 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.

**H. F. Gunn**  
 Mgr. of Lands & Explorations

**Shar-Alan Oil Company**

**11-22-65**

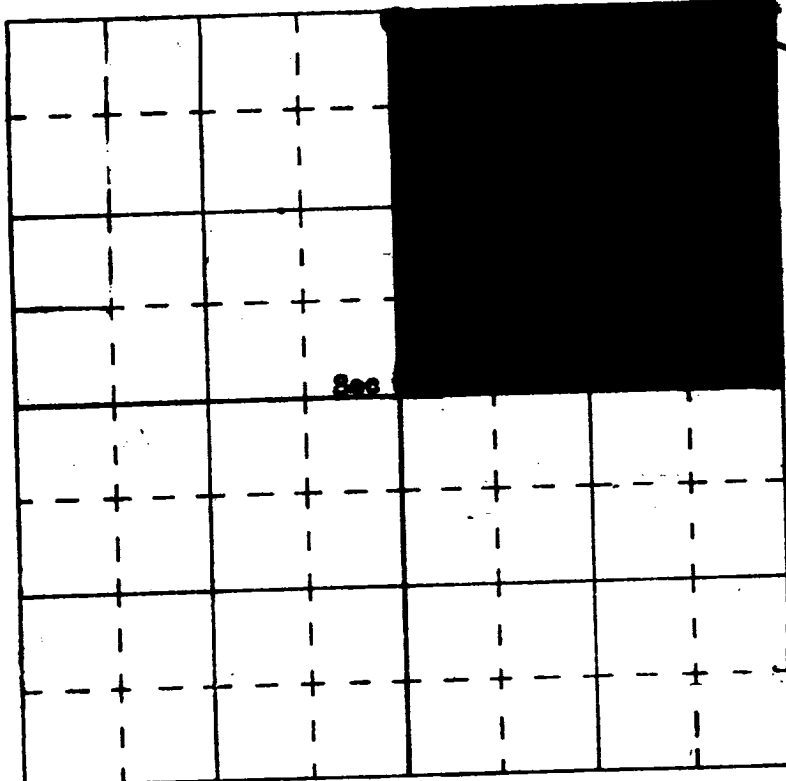
Date \_\_\_\_\_

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 Survey \_\_\_\_\_

Registered and/or Licensed  
**James**

**1463**  
 Certificate No.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

