

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  
**Shar-Alan Oil Company**

3. ADDRESS OF OPERATOR  
**1402 Denver U. S. National Center, Denver, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface **790' from the North line and 790' from the West line.**

At proposed prod. zone

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

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

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

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

**3200'**

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
**160**

20. ROTARY OR CABLE TOOLS

**Rotary**

22. APPROX. DATE WORK WILL START\*

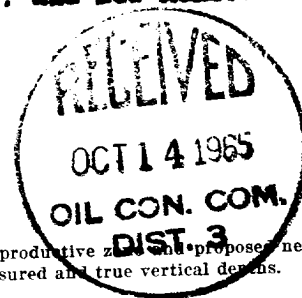
**October 13, 1965**

23. PROPOSED CASING AND CEMENTING PROGRAM

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

It is our intent to set surface casing and cement same as above. To drill with rotary tools to an approximate total depth of 3200'. To run an electric log and if productive, to set pipe and cement same as above. To perforate and sand water frac the Pictured Cliffs pay zone. To run approximately 3150' of 1 1/4" EUE tubing and to complete and produce as a Pictured Cliffs Gas Producer.

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 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 [Signature] TITLE **Mgr. of Lands & Explorations** DATE **10-12-65**

(This space for Federal or State use)

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

OCT 13 1965

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

\*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 OIL CONSERVATION COMMISSION

## WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator <b>SHAR ALAN OIL COMPANY</b>		Lease <b>JICARILLA "L" 100</b>		Well No. <b>214 4</b>
Unit Letter <b>D</b>	Section <b>15</b>	Township <b>23 North</b>	Range <b>2 WEST</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>790</b> feet from the <b>NORTH</b> line and <b>790</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>7283.4</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>So Blanco FC</b>	Dedicated Acreage <b>100</b> 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 .....

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. Guss**

Name

**Mgr. of Lands & Explorations**

Position

**Sher-Alan Oil Company**

Company

**10-12-65**

Date

**RECEIVED**

**OCT 14 1965**

**OIL BON.COM**  
**DIST. 2**

I hereby certify that the well location shown on this plat was plotted by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

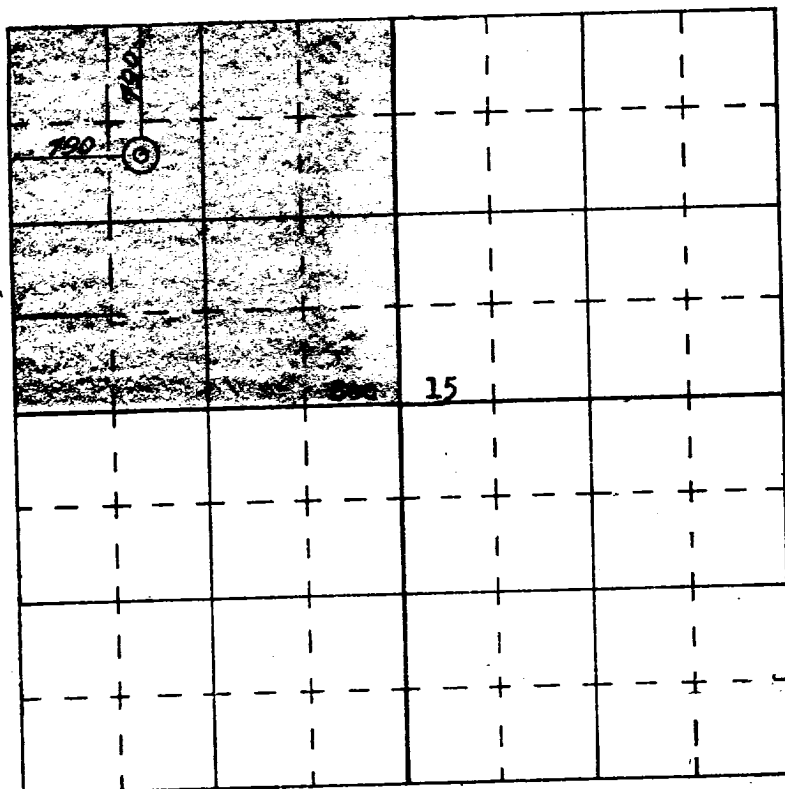
**October 8, 1965**

Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

**1463**

Certificate No.



**San Juan Engineering Company**