

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 80202

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

At surface

1750' from the South line and 1145' from the East 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. line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE

21. ELEVATIONS (Show whether L.F., H.T., GR, etc.)

GL 7336.0

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 18, 1964

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.

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 and 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

H. F. Galt

TITLE

Mgr. of Lands & Explorations

DATE 10-1-64

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 160

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "L" No. 160

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

So Blanco PC

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 15-23N-2W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

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

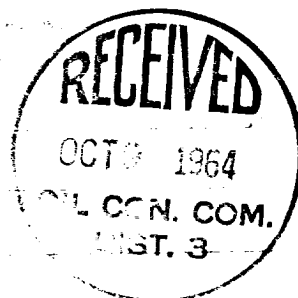
Well Located on Oil Property Being Drilled

October 1, 1964

Section A.

Operator **SHAR -ALAN OIL COMPANY**
 Well No. **1530 2** Unit Letter **I** Section **15**
 Located **1750** Feet From **the SOUTH** **1145** **23 NORTH** **2 WEST**, **NMPM**
 County **RIO ARriba** **the EAST**
 Name of Producing Formation **Pictured Cliffs** **100** **Acres**
 Is the Operator the only owner in the dedicated lease? **No**

Is the above information on the plat based on a survey of the land? **No**
 Is the above information on the plat based on a survey of the land? **No**



Section B.

Note: All distances must be from outer boundaries of section.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

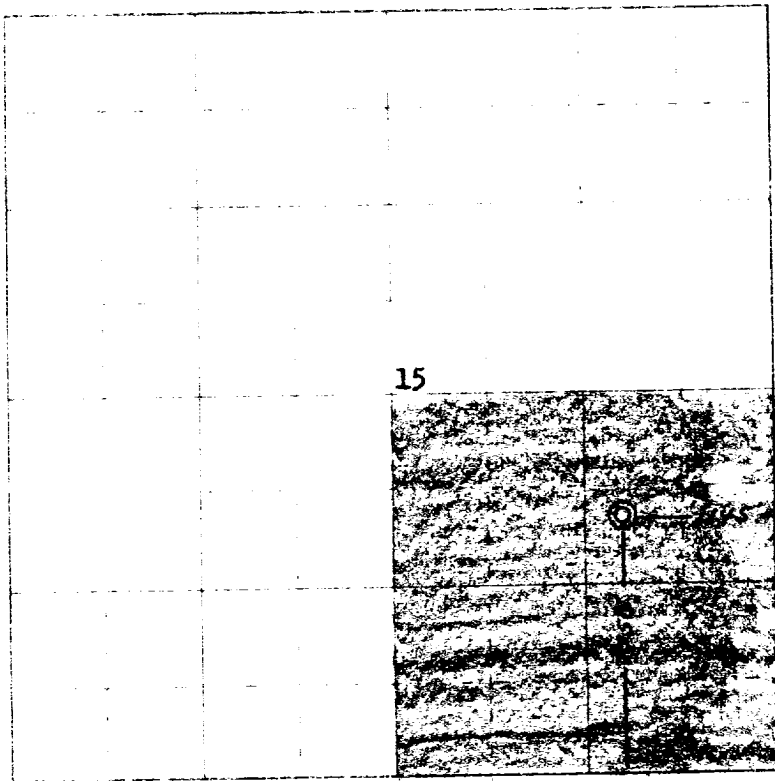
Shar-Alan Oil Company

H. F. Gunn, Mgr. of Land & Exp.

1402 Denver U. S. Nat'l Center

Denver, Colorado 80202

H. F. Gunn



0 400 800 1200 1600 2000 2400 2800 3200 3600 4000

Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed **19 SEPTEMBER 1964**

James P. Leese
 Registered Professional Engineer and Land Surveyor
James P. Leese N. Mex. Reg. No. 1463
 San Juan Engineering Company

