

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ~~XXX~~ **DEEPEN** ☐ **PLUG BACK** ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL **XXX** 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 **7 990' from the North line and 1190' from the West line**
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
GL 7485.78

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)
GL 7485.78

16. NO. OF ACRES IN LEASE
160 acres

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE
3400'

19. PROPOSED DEPTH
3400'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether SURF, BT, GR, etc.)
GL 7485.78

22. APPROX. DATE WORK WILL START*
November 17, 1964

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract No. 165

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla

7. UNIT AGREEMENT NAME
Jicarilla "R" No. 165

8. FARM OR LEASE NAME
So Blanco PC

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
So Blanco PC

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
26 - 23N - 2W

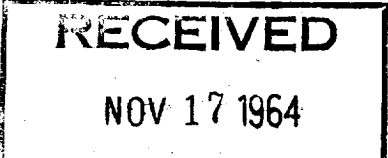
12. COUNTY OR PARISH
Sandoval

13. STATE
New Mexico

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#	3400'	100 sacks

To set surface casing and cement same as shown above. To drill with rotary tools to an approximate total depth of 3400'. To run an electric log and if productive, to set pipe and cement same as above. To perforate the Pictured Cliffs pay zone and sand-water frac same. To run approximately 3350' of 1 1/4" EUE tubing and to complete BBS 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.



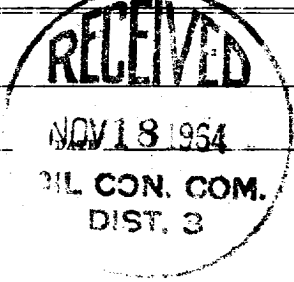
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true depths, and any blowout preventer program, if any.

24. SIGNED H. B. Gung TITLE Mgr. of Land & Explorations DATE 11-16-64
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY H. F. Gung TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____



*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.

November 16, 1964

Operator: SHAR ALAN OIL CO.

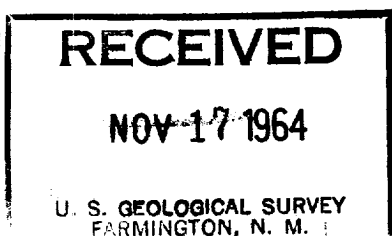
~~XXXXXXXXXX~~ JICARILLA "A" NO. 143

Well No. 1190, Section 28, Township 23 North, Range 2 West, Sandoval County, New Mexico, G. L. Elevation 7485.78

140 acres
So Blame FC

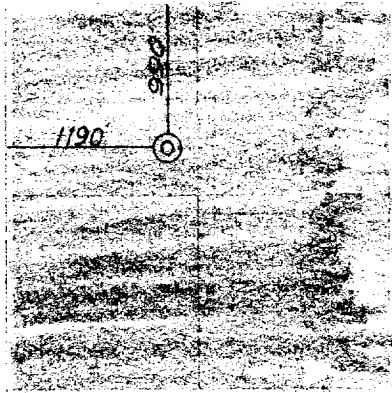
1. Is the Operator the only owner of the described well? Yes ☒ No ☐
2. If the answer to question one is "No", is the well owned by a partnership or otherwise? Yes ☐ No ☐

3. If the answer to question one is "No", is the well owned by a partnership or otherwise? Yes ☐ No ☐



Section 28

This is to certify that the information furnished above is true and complete to the best of my knowledge and belief



Shar-Alan Oil Company
(Operator)
R. G. Gans, Mgr. of Lands & Exp.
(Representative)
1402 Denver U. S. National Center
(Address)
Denver, Colorado 80202

Sec. 28



This is to certify that the information furnished above is true and complete to the best of my knowledge and belief

November 9, 1964

James P. Leese
James P. Leese, N. Mex. Reg. No. 1463
San Juan Engineering Company