

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 ☐		5. LEASE DESIGNATION AND SERIAL NO.		
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA		
2. NAME OF OPERATOR SHAR-ALAN OIL COMPANY		7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 1402 Denver U. S. Nat'l Center, Denver, Colo. 80202		8. FARM OR LEASE NAME Jicarilla " 1" NO. 163		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1850' from the South line and 1850' from the West line At proposed prod. zone		9. WELL NO. 3		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Sp Blanco PC		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T23N, R2W		
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Sandoval		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160 acres		13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 7361.5'		22. APPROX. DATE WORK WILL START* Immediately		
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.
7 5/8"	4 1/2"	9.5#	3200'	100 sacks.

After setting and 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 1/4" EUE tubing and to complete and produce as a Pictured Cliffs gas producer.

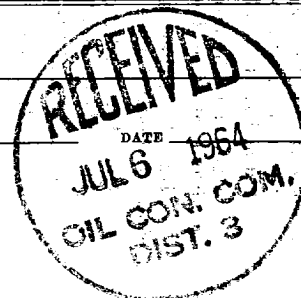
To comply with the rules and regulations of the U. S. G. S. and New Mexico Oil and Gas Commission.

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. ORIGINAL SIGNED BY
SIGNED IRVING PASTERNAK TITLE Owner DATE 6-29-64
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] 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.

Well Location and Acreage Dedication Form

Section A

Date **June 29, 1964**

Operator **SHAR-ALAN OIL COMPANY** Lease **JICILLA "H" NO. 163**
 Well No. **1** Unit Letter **K** Section **23** Township **23 NORTH** Range **2 WEST** NMPM
 Located **1850** Feet From the **SOUTH** Line **1850** Feet From the **WEST** Line
 County **SANDOVAL** G. L. Elevation **7361.5'** Dedicated Acreage **160** Acres
 Name of Producing Formation **Pictured Cliffs** Pool **St. Blas PC**

1. Is the Operator the only owner in the dedicated acreage outlined on this plat below?
 Yes ☒ No ☐
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☐ No ☐ If answer is "yes", Type of Consolidation _____

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



Section B.

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

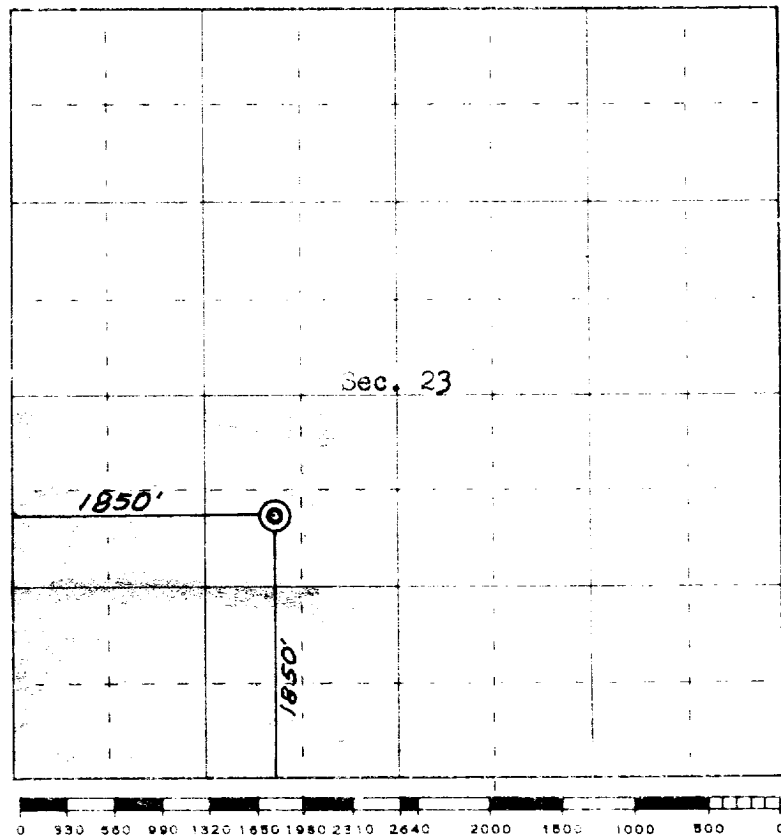
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

SHAR-ALAN OIL COMPANY

Irving Pasternak (Operator) ORIGINAL SIGNED BY
IRVING PASTERNAK

(Representative)
1402 Denver U. S. Nat'l Center

(Address)
Denver, Colorado 80202



Scale 4 inches equal 1 mile

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

Date Surveyed **June 16, 1964**

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

