

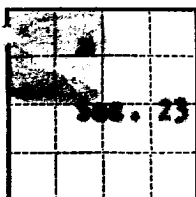
(SUBMIT IN TRIPLICATE)

Indian Agency Dulce, New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. Jicarilla Tribal Oil & Gas Lease No. 163



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	<input checked="" type="checkbox"/> SUBSEQUENT REPORT OF WATER SHUT-OFF _____
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____
NOTICE OF INTENTION TO ABANDON WELL _____	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Miller Bros.
Jicarilla "I" No. 163

December 3, 1962

Well No. 4 is located 790 ft. from [N] line and 1850 ft. from [W] line of sec. 23

NW/4 Section 23

23 North

2 West

N19°W

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Undesignated FC

San Juan

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the ~~drill~~ ^{ground} floor above sea level is 7317.7 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

To set approximately 100' of 8 5/8" surface casing and cement with approximately 60 sacks. To drill with rotary tools to an approximately total depth of 3400'. To run an electric log and if productive, to set approximately 3400' of 4 1/2" new casing and cement with approximately 100 sacks. 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 and produce as a Pictured Cliffs gas producer.

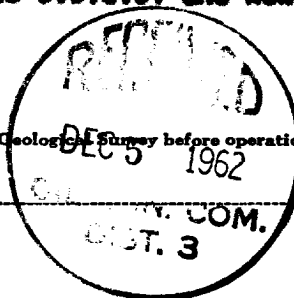
To comply with the rules and regulations of the U.S.G.S. and New Mexico Oil and Gas Commission.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sher-Alan Oil Company

Address 1402 Denver U. S. National Center

Denver Colorado



ORIGINAL SIGNED BY
RICHARD S. HUNT

By Richard S. Hunt
Title Mgr. of Lands & Explorations

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date December 3, 1962

Operator SHAR-ALAN OIL COMPANY Lease JICARILLA I - MILLER PROD.
 Well No. 4 Unit Letter C Section 23 Township 23 NORTH Range 2 WEST NMPM
 Located 790 Feet From the NORTH Line, 1850 Feet From the WEST Line
 County RIO ARriba G. L. Elevation 7317.7 Dedicated Acreage 4.160 Acres
 Name of Producing Formation Pictured Cliffs Pool Undesignated PG

1. Is the Operator the only owner in the dedicated acreage outlined on the 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:

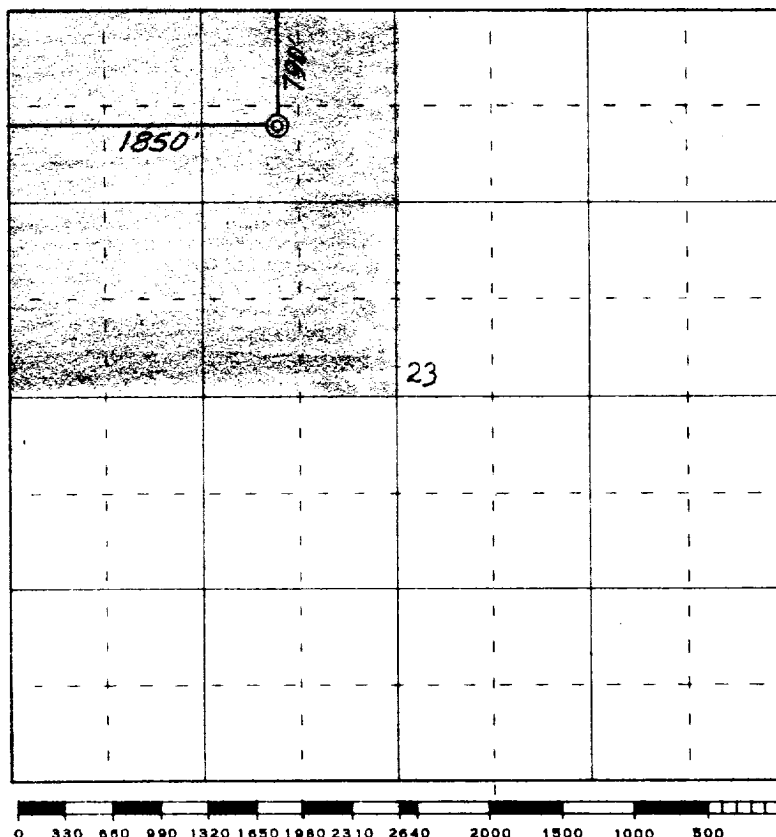
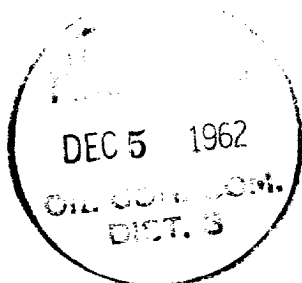
OwnerLand Description

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 ORIGINAL SIGNED BY
 (Operator) RICHARD S. HUNT
Richard S. Hunt, Mgr Lands and
 (Representative) Exploration
1402 Denver U S National Center
 (Address)
Denver 2, Colorado



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.

(Seal)

Date Surveyed 13 November 1962

Farmington, New Mexico

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