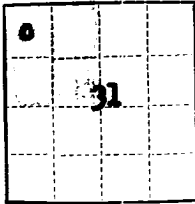


Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **8F 079352-A**
Unit _____

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

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

September 20, 19 61

Werntz-Federal

Well No. **4** is located **995** ft. from **N** line and **675** ft. from **E** line of sec. **31**

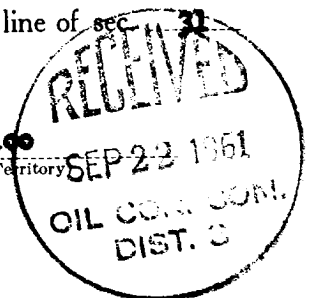
NW/4 - 31
(¼ Sec. and Sec. No.)

24 North 1 West
(Twp.) (Range) (Meridian)

Undesignated
(Field)

Rio Arriba
(County or Subdivision)

New Mexico
(State or Territory)



The elevation of the ~~rock~~ **ground** floor above sea level is **7414** 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 75 sacks. To drill with rotary tools to an approximate depth of 3200' if production encountered, to set 4 1/2" casing to TD, to perforate and sandfrac the Pictured Cliffs formation, to run 1" EUE tubing to approximately 3100' and complete as a Pictured Cliffs gas producer. To comply with all rules and regulations of the U.S.G.S. New Mexico Oil and Gas Conservation Commission.

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

Company **SHAR-ALAN OIL COMPANY**
Address **1402 Denver U.S. National Center**
Denver 2, Colorado

Send approval to
By *Richard S. Hunt*
Richard S. Hunt
Mgr. of Lands and Exploration
Title **Box 1428**
Durango, Colorado

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

SECTION A.

Date September 19, 1961

Operator Shar-Alan Oil Company Lease Durango NE 87364 A
Well No. 4 Unit Letter _____ Section 31 Township 24 North Range 1 West NMPM
Located 995 Feet From North Line, 875 Feet From West Line
County Rio Arriba G. L. Elevation 7414 Dedicated Acreage NV/4 - 160 Acres
Name of Producing Formation Pictured Cliffs Pool Undesignated

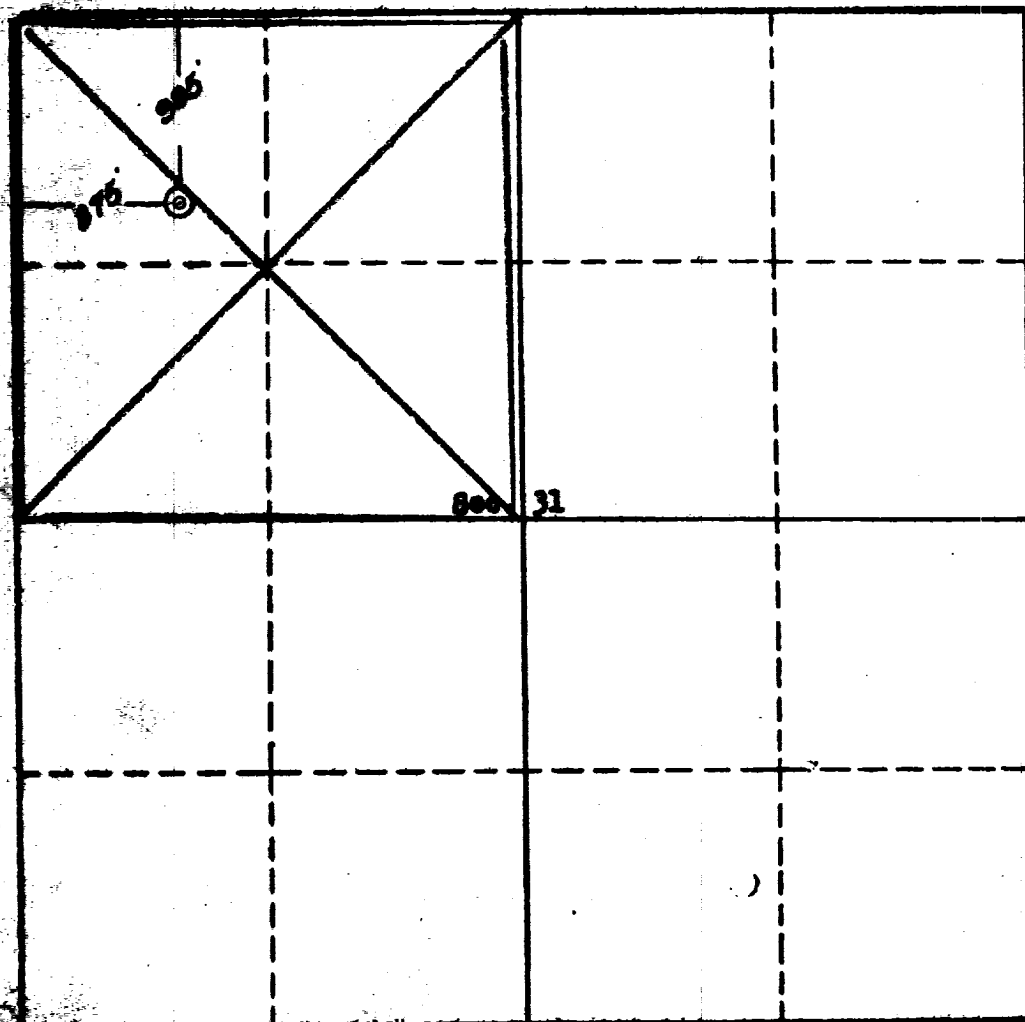
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes No _____
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____ If answer is "Yes," Type of Consolidation _____
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION



SECTION B.



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 CO.

(OPERATOR)

By Richard S. Hunt

(REPRESENTATIVE)

Richard S. Hunt
Mgr. Lands and Exploration
Box 1428 (ADDRESS)
Durango, Colorado

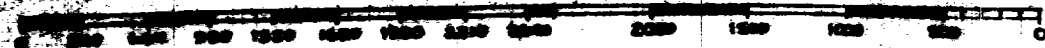
This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed Sept. 13, 1961

Four States Engineering Co.
FARMINGTON, NEW MEXICO

C. L. Poteet
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 3084



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