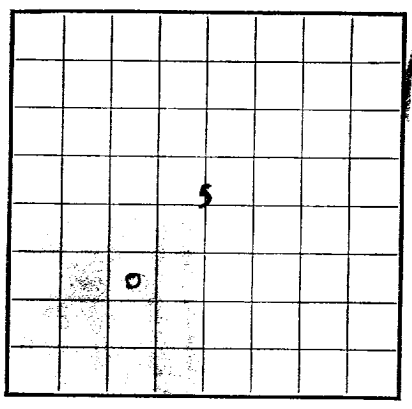
Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 03993
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
OCT 23 1961
OIL CONS. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shar-Alan Oil Company Address 1402 Denver U.S. National Center Denver 2, Colorado
Lessor or Tract Posty Federal Field Undesignated State New Mexico
Well No. 1 Sec. 5 T. 23N R. 1W Meridian NMPM County Rio Arriba
Location 1650 ft. {N.} of SW Line and 1650 ft. {E.} of W Line of SW/4 Elevation 7445 (Derrick floor relative to sea level) Kelly Bushing

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Richard S. Hunt
Date October 4, 1961 Title Mgr., Lands and Exploration

The summary on this page is for the condition of the well at above date.

Commenced drilling December 19, 1960 Finished drilling December 25, 1960

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3110' to 3124' No. 4, from ____ to ____
No. 2, from ____ to ____ No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ~~2937~~ 2937' to 2998' No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8"	24#	8V	CFI	104'	None				
4 1/2"	9.5#	8V	CFI	3158'	Halliburton		3110'	3124'	Production
1"	2.5#	8V		3105'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	104'	50	Halliburton		
4 1/2"	3158'	100	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____
Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 3127 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

April 20, 1961 Put to producing Shut-in, No pipeline, 19____

The production for the first 24 hours was ____ barrels of fluid of which ____% was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Rayco Drilling Company, Driller ____, Driller
Farmington, New Mexico, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Ojo Alamo	2937'		Subject well perforated 4-29-61, 3110-3124', with 56 holes. Fraced with 30,000# sand, 38,000 gallons water. Breakdown pressure 900# PSI. Treatment pressure 1200 PSI. Injection rate [illegible] BPM. Well went on vacum. Ran 1" tubes to 3105'. Ran 3 hour back pressure test 4-20-61. Tested 5100 MCFD. Well shut-in, no pipeline connection.
Kirtland	2998'		
Fruitland	3078'		
Pictured Cliffs	3109'		
Pictured Cliffs Pay		3110-24'	
Lewis	3129'		

2 Prints of Electric Log mailed under separate cover.

16—43094-5

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.