

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 03451
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shar-Alan Oil Co. Address 1402 Denver B. S. National Center
 Lessor or Tract Duff-Federal Field Undesignated State Denver 2, Colorado
 Well No. 1 Sec. 34 T. 24N R. 1W Meridian NMM County Rio Arriba
 Location 990 ft. S of N Line and 990 ft. E of W Line of N 1/4 Elevation 7357

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.

Date August 1, 1961

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

Commenced drilling September 10, 1960 Finished drilling September 19, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3020 to 3039 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 2670 to 2915 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	179'	75	Halliburton		
4 1/2	3109'	75	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 3145' feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

19	Put to producing Shut in <u>No pipeline</u> , 19
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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

<u>Rayco Drilling Co.</u>	Driller	_____	Driller
<u>Farmington, New Mexico</u>	Driller	_____	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Cjs Alamo	2676		Subject well sand-fraced 9-21-60, perforated 3029-39 38 holes. Fraced with 30,000# 20-40 mesh sand and 40,000 gallons water
Kirtland	2915		Breakdown pressure 1800#
Fruitland	2952		Treatment pressure 1300#
Pictured Cliffs	3010		Injection rate 39 1/2 barrells per minute
Kansas	3050		Initial shut-in test run April 20, 1961 (sheets attached)
			I.P. 4600 mcf 24 hour test

