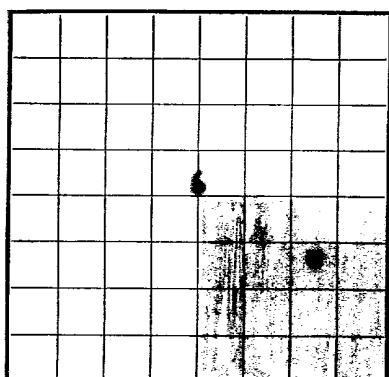


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER BX 0175779
LEASE OR PERMIT TO PROSPECT



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
 Lessor or Tract Hanson-Federal Field Undesignated State New Mexico
 Well No. 1 Sec. 6 T. 24³ N. R. 14 Meridian NMPM County Rio Arriba
 Location 1850 ft. N. of S. Line and 790 ft. W. of E. Line of SE/4 Elevation 7637

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 Franklin D. Roosevelt

Date October 24, 1961 Title Mr., Lands and Exploration

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

Commenced drilling August 24, 19 61 Finished drilling September 6, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~336~~ to ~~337~~ 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 3185 to 3249 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		Purpose
							From—	To—	
3 5/8	2.5	87	871	101	None				
4 1/2	2.5	87	871	100	1/2 Liberton		73%	87%	
12	2.5	87		111					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	101	75	Halliburton		
4 1/2	3600	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 _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

October 17, 1941 DATES Shut-in, no pipeline.
-----, 19----- Put to producing -----, 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

Layne Drilling Company **EMPLOYEES**

_____	Driller	_____	Driller
_____	Driller	_____	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Ojo Alamo	3148		Subject well perforated 370-76 with 40 holes. Sand-water fraced with Kirtland 3248
Fruitland	3335		30,000' sand, 37,000 gallons water. Pictured Cliffs 3360 Breakdown 300 p.s.i. Treatment pressure Lewis 3377 2400-2000 p.s.i. Injection rate 32 gpm.
			Ran 3 hour back pressure test October 17, 1961. Tested 30x w/o. Has 1" tubing to 3351'. Well shut-in, no pipeline.
			2 Prints of Electric Log mailed under separate cover.

DATE 10/17/61

Y
CO

Q = 287

$$\text{Aof} = \left(\frac{\text{---}}{\text{---}} \right)^n$$

Aof = 3087

100-1147-111-14000
 Box 1424, Durango, Colorado
 Richard S. Hunt
 Manager of Lands and Exploration