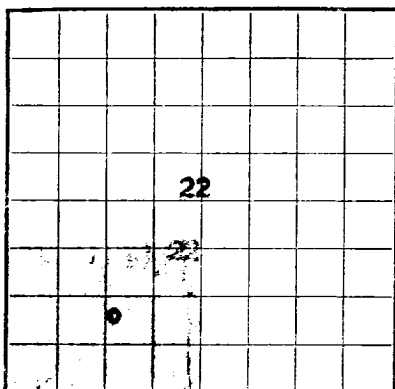




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 03453
LEASE OR PERMIT TO PROSPECT PROSPECTUNITED 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 Federal NM 03453 Field Undesignated State Denver 2, Colorado
Well No. 1-A Sec. 22 T. 24N R. 1W Meridian NMPM County Rio Arriba
Location 870 ft. N. of S. Line and 1720 ft. E. of W. Line of SW/4 Elevation 7332
(Derrick floor relative to sea level)

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. HuntTitle Mgr., Lands and ExplorationDate September 21, 1961

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

Commenced drilling September 9, 1960 Finished drilling September 23, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2960 to 2980 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 2610 to 2830 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—	
<u>8-5/8</u>	<u>21.8</u>	<u>8V</u>	<u>CP1</u>	<u>100'</u>	<u>None</u>				
<u>4-1/2</u>	<u>9.5</u>	<u>8V</u>	<u>CP1</u>	<u>3010'</u>	<u>Haliburton</u>		<u>3020</u>	<u>3029</u>	<u>Production</u>
<u>1 1/2</u>	<u>2.5</u>	<u>8V</u>		<u>3951'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>108'</u>	<u>75</u>	<u>Haliburton</u>		
<u>4-1/2</u>	<u>3010'</u>	<u>75</u>	<u>Haliburton</u>		

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 3010 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 29, 1960 Put to producing Shut in - No pipeline

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 Co., Driller _____, Driller
Farmington, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Ojo Alamo</u>	<u>2610</u>		<u>Subject well sand-fraced 9-27-61.</u> <u>Perforated 2960-80 with 2 shots per foot.</u> <u>Fraced with 40,000 gallons water, 35,000# sand. Breakdown pressure 2100#.</u> <u>Treatment pressure 1600#. Injection rate 32 BPM.</u> <u>Initial shut in test, 3 hours 4-20-61.</u> <u>2700 MCFD. Shut in. No pipeline.</u>
<u>Kirtland</u>	<u>2830</u>		
<u>Fruitland</u>	<u>2910</u>		
<u>Pictured Cliffs</u>	<u>2922</u>		
<u>Lewis Shale</u>	<u>2982</u>		

