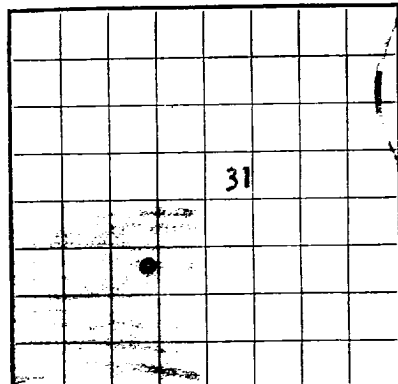


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 036224
LEASE OR PERMIT TO PROSPECT _____



RECEIVED
AUG 22 1962
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DET. 3 DEF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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JUN 18 1962
U.S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shar-Alan Oil Company Address 1402 Denver U. S. National Center
Lessor or Tract Crane-Federal Field So Blanco PC State New Mexico
Well No. 6 Sec. 31 T. 24N R. 1W Meridian NMPM County Rio Arriba
Location 1810 ft. [N.] of S Line and 1680 ft. [E.] of W Line of SW/4 Elevation 7514
(Check 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. [Signature]

Date August 10, 1962 Title Mgr. of Lands & Explorations

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

Commenced drilling 5-17-62, 1962 Finished drilling 5-22-62, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3260 to 3280 (g) 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 _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
8 5/8	2.5	8 rd	CFI	100	100	100	7360	3280	Arad.
4 1/2	2.5	8 rd	CFI	100	100	100	7360	3280	Arad.
1 1/8	2.5	8 rd	CFI	100	100	100	7360	3280	Arad.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	100'	60	Ballburton		
4 1/2"	3290'	100			

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 3340+ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 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 1374 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 719

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	3060' 3120' 3218' 3258'		Ojo Alamo Kirtland Fruitland Pictured Cliffs Subject well sand fraced with 30,000# sand and 20,000 gallons of water on July 9, 1962. Perforated 3251-52 with 4 holes per ft. Squeeze cemented down casing with 100 sacks. PSTD 3310 feet. Perforated 3260-80 with 2 holes per foot. Breakdown pressure 1400psi Treating pressure 1900-2100. 3 hour - Back-pressure Test Run - 8-2-62 - charts - attached

