

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

Jic. Tribal Oil & Gas Lease
No. 157**RECEIVED**
OCT 22 1963
OIL CON. COM.

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shar-Alan Oil Company Address 1402 Denver B. S. National CenterLessor or Tract Jicarilla "I" No. 157 Field So Blanco PC State New MexicoWell No. 4 Sec. 10 T. 23N R. 2W Meridian 10PM County Rio ArribaLocation 790 ft. N of N Line and 790 ft. E of W Line of SW/2 Elevation 7253
(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. HuntDate October 18, 1963Title Mgr. of Lands & Exploration

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

Commenced drilling 5-21-63, 19 Finished drilling 5-24-63, 19**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 3010 to 3040 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. 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—	
8 5/8	24.7	8	CPI	1100			3010	3040	1-8
4 1/2	16.3	8	CPI	307					
1 1/4	4.5	8	CPI	8038					

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	Halliburton		
4 1/2	3097'	75			

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 USEDRotary tools were used from 0 feet to 3103 feet, and from feet to feet

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

DATES

Put to producing

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 4029 MCF Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. 993**EMPLOYEES**

Driller

Driller

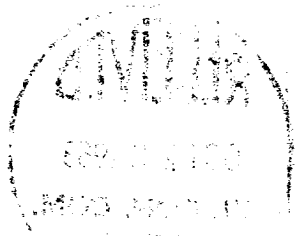
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2618	2855		Ojo Alamo
2856	2955		Kirtland
2956	3007		Fruitland
2008	3040		Pictured Cliffs

Subject well perforated as shown above. Squeezed with 75 sacks. Drilled out cement to total depth. Reperforated from 3019-3020'. Fraced with 30,000# sand and 36,000 gallons water.

* 3 hr Back Pressure test run 10-15-63. Charts attached.



100 90 80 70 60 50 40 30 20 10 0

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.

HISTORY OF OIL OR GAS WELL

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