

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____

Jicarilla Tribal Lease No. 156

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sher-Alan Oil Company Address 1402 Denver U. S. National Center
Lessor or Tract Jicarilla "C" No. 156 Field Undesignated PC State New Mexico
Well No. 4 Sec. 3 T. 23N R. 2W Meridian NMPM County Rio Arriba
Location 1850 ft. S. of 790 Line and ft. E. of W Line of SW/4 Elevation 7178.6
(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 _____

Date October 28, 1963

Title Mgr. of Lands & Explorations

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

Commenced drilling 12-16-62, 19____ Finished drilling 12-21-62, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2911 to 2966 (g) No. 4, from _____ to _____
No. 2, from 2987 to 2999 (g) No. 5, from _____ to _____
No. 3, from 3010 to 3015 (g) 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"	24.4	8	CPI	791			2911	2966	Flow
4 1/2"	11.3	8	CPI	2987			2987	2999	Flow
1 1/4"	4.54	8	CPI	2901			3010	3015	Flow

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	99'	60	Waterbury		
4 1/2"	3063'	75			
1 1/4"	2901'				

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 3070 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1695

EMPLOYEES

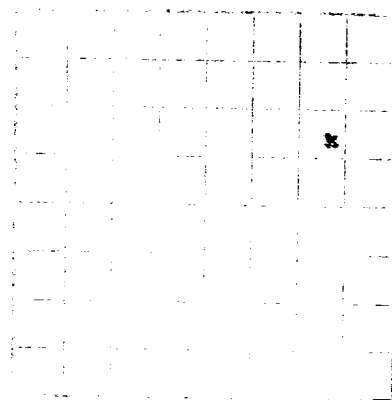
_____, Driller _____, Driller
Rayco Drilling Company, Driller _____, Driller
Farmington, New Mexico

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2660	2795		Ojo Alamo
2796	2903		Kirtland
2904	2955		Fruitland
2956	3020		Pictured Cliffs
	3070		Total depth.

Subject well perforated as shown above from 2966-2911 with 10 holes per foot. 2999-2987 with 12 holes per foot. 3015-3010 with 5 holes per foot. Sand fraced with 30,000# sand and 36,000# of water.

3 hour back pressure test run 9-12-63. Charts attached.



DATE OF BIRTH: 10/20/1941

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

U. S. GOVERNMENT PRINTING OFFICE

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