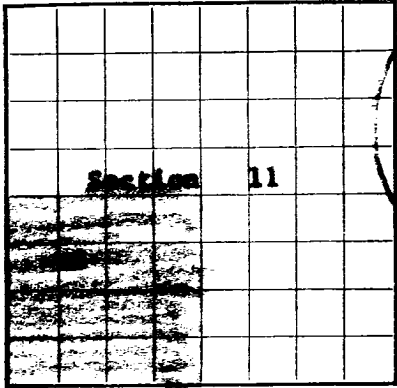
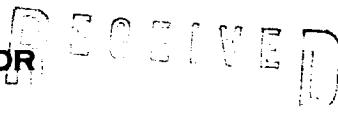


U. S. LAND OFFICE **Dulce, New Mexico**
SERIAL NUMBER **Jicarilla No. 156**
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company **Shor-Alan Oil Company** Address **1402 Denver U. S. National Center**
Lessor or Tract **Jicarilla "D" No. 156** Field **Undesignated** State **New Mexico**
Well No. **3** Sec **11** T. **23N** R. **2W** Meridian **BPM** County **Rio Arriba**
Location **1860** ft. **N** of **S** Line and **790** ft. **E** of **W** Line of **SW/4** Elevation **7290.4**
(Denote 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. Hunt**

Date **March 11, 1963** Title **Mgr. of Lands & Explorations**

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

Commenced drilling _____, 19____ Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3013** to **3021 (g)** No. 4, from _____ to _____
No. 2, from **3026** to **3046 (g)** 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"	34.4	8V	CPI	100'			3013	3021	Prod.
4 1/2"	9.70	8V	CPI	3079'			1025	3046	Prod.
1 1/4"	2.50	8V	CPI	3015'					

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	Sullivan		
4 1/2"	3079'	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 USED

Rotary tools were used from **-0-** feet to **31109** 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. **979** **3 hr Back Pressure Test**

EMPLOYEES

Rayco Drilling Company, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	2660		Ojo Alamo
	2860		Kirtland
	2965		Fruitland
	3010		Pictured Cliffs
			Subject well sand-fraced with 35,826 gallons water and 30,000 sand. Breakdown pressure 800#. Treatment pressure 1200-1650# Injection rate 38.7 BPM 5 minute shut-in pressure 200#.
			3 hr Back Pressure Test run 3-2-63 Charts attached.

(OVER)

FORMATION RECORD—CONTINUED

