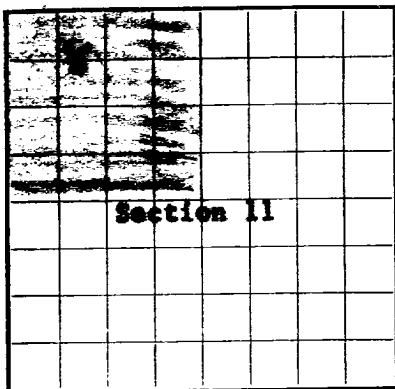
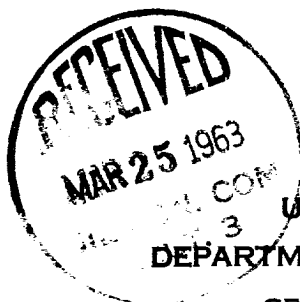
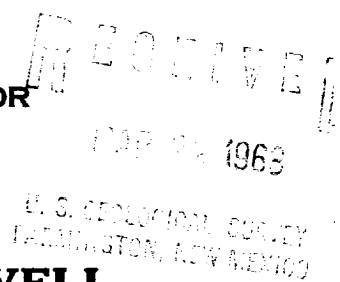




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Dulce, New Mexico**
SERIAL NUMBER **Jicarilla NO. 156**
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company **Shaw-Alan Oil Company** Address **1402 Denver U. S. National Center**
Lessor or Tract **Jicarilla "D" No. 156** Field **Undesignated PC** State **New Mexico**
Well No. **4** Sec. **11** T. **20N** R. **2E** Meridian **NMPH** County **San Arriba**
Location **790** ~~XXXX~~ of **N** Line and **790** ft. ^[E.] of **W** Line of **NW/4** Elevation **7310.4**
(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 _____ORIGINAL SIGNED BY
RICHARD S. HUNT **Richard S. Hunt**
Title **Mgr. of Lands & Explorations**Date **March 11, 1963**

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

Commenced drilling **11-3-62**, 19____ Finished drilling **11-7-63**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3069-3076**; ~~3076-3083~~ 4, from _____ to _____
No. 2, from **3093-3106** to **(g)** No. 5, from _____ to _____
No. 3, from **3113-3127** to **(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	3	API	100	API	3069	3076	3076	Prod.
4 1/2"	13	3	API	100	API	3076	3106	3106	Prod.
1 1/4"	2	3	API	100	API	3106	3127	3127	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	93'	60	Halliburton		
4 1/2"	3168'	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 **3200** 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 **3117 MCF/d** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **919** **3 hr Back Pressure test**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2780	2903		Ojo Alamo
2903	3010		Kirtland
3010	3062		Fruitland
3062			Pictured Cliffs
			Subject well sand-fraced 40,000 gallons water and 30,000# sand.
			Breakdown pressure 1800#.
			Treatment pressure 900-2000#
			Injection rate 341 BPM
			5 minute shut-in pressure 200#.
			3 hr Back Pressure test run 3-2-63
			Charts attached.

FORMATION RECORD—Continued

