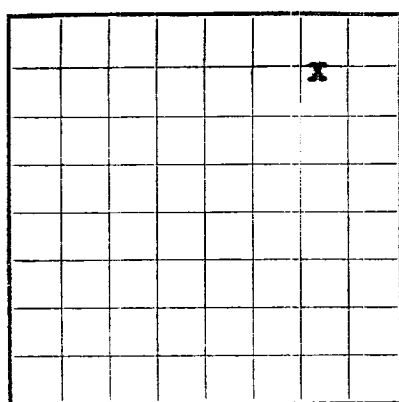




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE **Jicarilla**

SERIAL NUMBER **77**

LEASE OR PERMIT TO PROSPECT **Jicarilla Tribal**

UNITED STATES **RECEIVED**

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY **NOV 13 1959**

U. S. GEOLOGICAL SURVEY
FALGOUTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **Arizona Explorations Inc.** Address **418 Meadows Building, Dallas 6, Texas**

Lessor or Tract **Jicarilla** Field **Otero PC** State **New Mexico**

Well No. **A-5** Sec. **9** T. **23N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**

Location **800** ft. **N.** of **N** Line and **940** ft. **E.** of **E** Line of **Sec. 9** Elevation **6696**
(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 *C. W. Greer*Date **November 17, 1959** Title **Vice-President**

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

Commenced drilling **September 22**, 19**59** Finished drilling **October 3**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2146** to **2162** 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"	244	8	J-55	87	Pattern	Surface			Surface
5-1/2"	144	8	J-55	2257	Pattern	2146			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	96	70	Pump & Plug		
5-1/2"	2257	100			

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____

Adapters—Material **None** Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
3-1/2"	and 40,000# sand	27 500 gallons water				

TOOLS USED

Rotary tools were used from **Surface** feet to **2258** feet, and from _____ feet to _____ feet

Cable tools were used **to complete** feet to _____ feet, and from _____ feet to _____ feet

Ran Tubing **Potential Test**

October 26th, 19**59** Put to producing **November 5th**, 19**59**

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 **1,283,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **646** Open **3 hours** through **3/4" choke** on casing. Choke volume **1,034 MCF/day**. AOP **1,283 MCF/day**.

Benson-Montin-Greer _____, Driller

Drilling Corp. _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2001	2001	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2001	2006	5	Coal
2006	2030	26	Shale
2030	2036	6	Coal
2036	2058	12	Shale
2058	2062	4	Coal
2062	2069	7	Shale
2069	2074	5	Coal
2074	2098	24	Shale
2098	2106	8	Coal
2016	2146	30	Shale
2146	2162	16	Sand
2162	2258	96	Shale
			TOP OF PICTURED CLIFFS 2146'

