

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

HYDRO-ATLAS, INC.

729 S. Main Street

Farmington, New Mexico

Company **HYDRO-ATLAS, INC.** Address **Farmington, New Mexico**Lessor or Tract **1** Field **GALLUP** State **NEW MEXICO**Well No. **490** Sec. **9** T. **30N** R. **10W** Meridian **10N** County **SAN JUAN**Location **490** ft. **N.** of **1** Line and **2151** ft. **E.** of **1** Line of **Sec. 9** Elevation **5674** ft.
(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 **N. B. Gove**Date **12-1-58** Title **ENGINEER ORIGINAL SIGNED BY N. B. GOVE**

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

Commenced drilling **11-24**, 19**58** Finished drilling **11-18**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1461** to **1530** No. 4, from **1530** to **1540**No. 2, from **1530** to **1540** No. 5, from **1540** to **1541**No. 3, from **1541** to **1591** No. 6, from **1591** to **1611**

IMPORTANT WATER SANDS

No. 1, from **1461** to **1530** No. 3, from **1530** to **1540**No. 2, from **1530** to **1540** No. 4, from **1540** to **1541**

CASING RECORD

Size casing	Weight lb/ft	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	28.9	3 1/2	Hydram	2776'	Plug	1461	1530	1540	Surface
3-1/2"	11.8	3 1/2	Hydram	1540'	Plug	1540	1541	1591	Production
3-1/2"	11.8	3 1/2	Hydram	1591'	Plug	1591	1611	1611	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	75'	45 w/E on CI	Pump	-	Cement circulated
3-1/2"	1430'	100 w/E gal & 1/4"	Pump	9.3 g/gal	-
		Flu-Grout	Pump	9.3 g/gal	-

PLUGS AND ADAPTERS

Heaving plug—Material **FRACUREX** Length **100'** Depth set **1430'**Adapters—Material **FRACUREX** Size **100'**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Lowex Grade	100 lbs	11/21/58	Perf.	
		20-40 Fine Sand	75,000	11/21/58	Perf.	
		Rubber Balls	175	11/21/58	"	

TOOLS USED

Rotary tools were used from **surface** feet to **1630** feet, and from **1630** feet to **1630** feetCable tools were used from **surface** feet to **1630** feet, and from **1630** feet to **1630** feet

DATES

11-22 Put to producing **11-22**, 19**58**The production for the first 24 hours was **115** barrels of fluid of which **100**% was oil; **40**% emulsion; **40**% water; and **40**% sediment. Gravity, °Bé. **40**If gas well, cu. ft. per 24 hours **115** Gallons gasoline per 1,000 cu. ft. of gas **100**Rock pressure, lbs. per sq. in. **115**

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1430	1430	Shale and Sand
			FORMATION TESTS:
			Gallup 1447'
			Gallup (Upper Sand) 1481'
			San Juan 1611'

(OVER)

16-43094-4

EQUIPMENT RECORD

