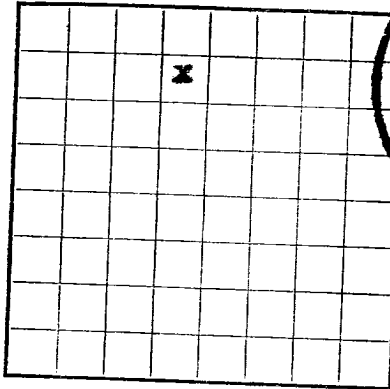




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Window Rock**

SERIAL NUMBER

LEASE OF PERMIT TO PROSPECT **Navajo**Tribal Contract **14-20-601-1049**

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **UNIVERSAL OIL CORP.** Address **158 Petroleum Center Building Farmington, New Mexico**Lessor or Tract **Navajo** Field **Shiprock Gallup** State **New Mexico**Well No. **13** Sec. **17** T. **29N** R. **18W** Meridian **N.M.P.M.** County **San Juan**Location **290** ft. **N** of **N** Line and **2310** ft. **E** of **W** Line of **Sec. 17** Elevation **5222**
(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 **August 25, 1960**Title **President**

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

Commenced drilling **July 7th**, 19 **60** Finished drilling **July 8th**, 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **75** to **78** 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—	
5-1/2"	24	8	None	75	None	None	None	None	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5-1/2"	75	10	Circulated		

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
		None				

TOOLS USED

Rotary tools were used from **Surface** feet to **105** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **August 5th**, 19 **60**
The production for the first 24 hours was **2.5** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **54**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **8**

EMPLOYEES

Company Tools

Driller

CONFIDENTIAL 21454

ИСТОРИЯ ДИПЛОМАТИИ

1. The information is being furnished to you for your information only and is not to be used for any other purpose.

1941-1942

10-10-1964

0 100 200 300 400 500 600 700 800 900 1000

1997, 1998, 1999

15. SECRET

7.6.04

[illegible]

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 "struck off," or left in the well, give its size and location. If the well has been dewatered, 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

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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