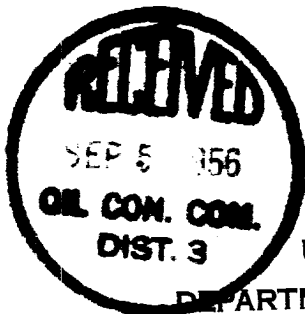


U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract #39
Co. LEASE OR PERMIT TO PROSPECT 163112

Form 9-330



UNITED STATES

DEPARTMENT OF THE INTERIOR,
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 1266, Farmington, N. M.
Lessor or Tract Jicarilla Ap. Tr. Ind. "C" Field Box 2180, Houston 1, Texas
Well No. 4 Sec. 33 T. 24N R. 3W Meridian - County Rio Arriba
Location 790 ft. N. of 5 Line and 990 ft. W. of 1 Line of Section 33 Elevation 6766
(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 Russell M. Lilly
Russell M. Lilly
Title District Superintendent

Date June 22, 1956

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

Commenced drilling June 17, 1956 Finished drilling June 17, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0-2336 to 2336 No. 4, from - to -
No. 2, from 0-2335 to 2336 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	
<u>8-5/8</u>	<u>26</u>	<u>2</u>	<u>CP</u>	<u>154</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>4-1/2</u>	<u>22</u>	<u>2</u>	<u>CP</u>	<u>275</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>165'</u>	<u>150</u>	<u>Pumped</u>	<u>9.07</u>	<u>-</u>
<u>4-1/2</u>	<u>2421'</u>	<u>275</u>	<u>Pumped</u>	<u>9.27</u>	<u>-</u>

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
<u>-</u>	<u>-</u>	<u>None</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

TOOLS USED

Rotary tools were used from 0 feet to 2421 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

June 17, 1956 Put to producing shot in - no pipe line connections.
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 2,604,000 Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. 7500 3.1

EMPLOYEES
H. L. Martin, Driller F. A. Sample, Driller
H. E. Wayman, Driller -, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>170</u>	<u>170</u>	<u>Surface</u>
<u>170</u>	<u>2321</u>	<u>2151</u>	<u>Sand & shale</u>
<u>2321</u>	<u>2421 TD</u>	<u>100</u>	<u>Sand</u>

CLASS OF FURNITURE TO PROTECT
SERIAL NUMBER
U.S. LAND OFFICE

TOP OF OIL OR GAS WELL

[illegible]

LOCATED IN COLLEGE

The information given herewith is a complete and correct record of the work done by the person so far as can be determined from all reliable records.

Location of _____
Well No. _____
Owner or Trust _____
County _____
State _____

Address _____
City _____
State _____

The summary on this page is for the purpose of providing a brief overview of the information contained in the report. It is not intended to be a substitute for the full report.

After 26 hour test, will proceed for 3000 hrs/day.
(D) Note gas is on oil or gas sands or both.

10-10-68

2015 - 2036

No. 1 from
No. 1000 S.W. Water and 15,000 ft. No. 3000 - broke to 1900 ft.
depth

[illegible]

1571-1572

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, 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 or shoring. If the well has been abandoned, give date, size, position, and number of plugs or bridges put in to test for water, state kind of material used, position, and results of pumping or bailing or shoring.

HISTORY OF OIL OR GAS WELL

[illegible]

FORMATION RECORD—Continued