

U. S. LAND OFFICE AlamogordoSERIAL NUMBER Contract # 77Co. LEASE CONTRACT # 14496UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 2180, Houston, Texas
Lessor or Tract Jicarilla Apache Tribe Field Otero - Pictured Cliffs State New Mexico
Well No. 3 Sec. 10 T. 23N R. 2W Meridian - County Rio Arriba
Location 990 ft. N of 3 Line and 990 ft. E of W Line of Section 10 Elevation 6790
(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
Date June 7, 1937 Title District Superintendent

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

Commenced drilling May 14, 1937 Finished drilling May 27, 1937

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 0 2192 to 2337 No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
<u>6-5/8</u>	<u>32</u>	<u>8</u>	<u>GFI</u>	<u>159</u>	<u>Hall</u>				
<u>5-1/2</u>	<u>14</u>	<u>8</u>	<u>Amco</u>	<u>2192</u>	<u>Hall</u>		<u>2192</u>	<u>2337</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>6-5/8</u>	<u>170</u>	<u>150</u>	<u>Pump</u>		
<u>5-1/2</u>	<u>2337</u>	<u>250</u>	<u>Pump</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

TOOLS USED

Rotary tools were used from 0 feet to 2337 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 27, 1937, 19____ Well shut in, no pipe line connection, 1937

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. 3/4" shale Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 4,226,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 6032 BIT

EMPLOYEES

C. B. Gaffey, Driller M. B. Barker, Driller
J. N. Greaser, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2337</u>	<u>2337</u>	<u>Sand and Shale</u> <u>Top of Pictured Cliffs Formation at 2187'</u>

Letter of Permit to Prospect in the
Seward-Washburn District

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEAVE NO TRACE

[illegible]

HISTORY OF OIL OR GAS WELL

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of charges or bridges were made for water, state kind of material used, position, and results of pumping or bailing.

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