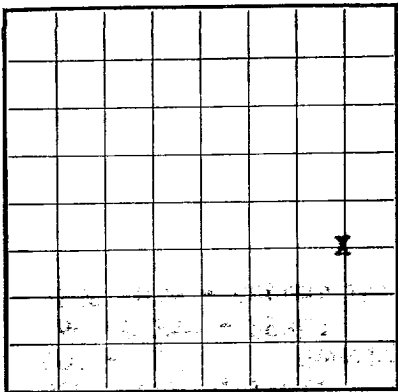


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030177 (b)
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P. O. Box 728 - Hobbs, New Mexico
Lessor or Tract C. W. Shephard (b) Field Undesignated (Oil) State New Mexico
Well No. 5 Sec. 1 T 26-S R. 35-E Meridian N70W County Lea
Location 1980 ft. [N] of 2 Line and 660 ft. [E] of 1 Line of Section 1 Elevation 3002' (DF)
(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 September 8, 1961 Title Assistant District Superintendent

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

Commenced drilling August 12, 1961 Finished drilling August 19, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2934' to 2938' No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

Drilled with Rotary Tools and no water sands tested

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>7 5/8</u>	<u>24.00</u>	<u>8</u>	<u>Howco</u>	<u>146</u>	<u>Howco</u>	<u>None</u>	<u>None</u>	<u>None</u>	<u>Surface</u>
<u>4 1/2</u>	<u>9.50</u>	<u>8</u>	<u>Howco</u>	<u>2953</u>	<u>Howco</u>	<u>None</u>	<u>None</u>	<u>None</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>7 5/8</u>	<u>458</u>	<u>300</u>	<u>Howco</u>		
<u>4 1/2</u>	<u>2964</u>	<u>700</u>	<u>Howco</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 2964 feet, and from _____ feet to _____ feet

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

DATES

September 8, 1961 Put to producing September 2, 1961

The production for the first 24 hours was 204 barrels of fluid of which 25 % was oil; — % emulsion; 75 % water; and — % sediment. Gravity, °Bé. 29.6

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. W. Dyer, Driller I. E. Bingham, Driller

B. G. Campbell, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	210	210	Caliche
210	460	250	Sand & Red Bed
460	496	36	Anhy
496	1160	664	Red Rock
1160	2251	1091	Anhy & Salt
2251	2531	280	Anhy
2531	2754	223	Anhy & Gyp
2754	2964	210	Lime
Total Depth	2964		
PBTD	2963		

All Measurements from Rotary or
8' above ground level
Estimate No. 5621

4 - USGS

1 - NMOCC

1 - Division

1 - Field

1 - File

1 - Amerada Petroleum Corp. Box 2040, Tulsa, Oklahoma

1 - Columbian Carbon Company, 704 San Jacinto Bldg,
Houston 2, Texas

Formation Tops

Top of Anhy - 1027'

Top of Salt - 1140'

Btm of Salt - 2580'

Yates - 2762'

