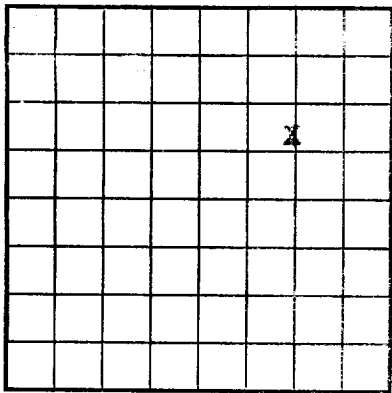


U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refg. Co. Address Box 1600 Midland, Texas
Lessor or Tract Federal Leonard Field Dublin-Elkensburg State New Mexico
Well No. 2 Sec. 13 26 37 Meridian County Lea, New Mexico
Location 1980 {N.} of xx Line and 1980 {E.} of xx Line of Sec. 13 Elevation 3014
(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 [Signature]
Title Driller

Date August 10, 1945

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

Commenced drilling 12-6-44, 19... Finished drilling 7-30-45, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Anhydrite to 880 No. 4, from Permian to 8080
No. 2, from Salt to 1980 No. 5, from Mississippian to 9280
No. 3, from Yates to 2410 No. 6, from Devonian to 9795

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>13 3/4</u>	<u>127</u>	<u>8-2</u>	<u>Nat.</u>	<u>393.10</u>	<u>Ball</u>				
<u>9 5/8</u>	<u>357</u>	<u>8-2</u>	<u>Nat.</u>	<u>4194.39</u>	<u>Ball</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/4</u>	<u>408.10</u>	<u>400</u>	<u>Ball</u>		
<u>9 5/8</u>	<u>4199.09</u>	<u>4000</u>	<u>Ball</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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 19... Put to producing Dry hole, 19...

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
J. F. Hall _____, Driller F. A. Marts
J. V. Dooley _____, Driller _____

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
0	174		Sand
174	240		Surface Sand & Shells
240	370		Red Bed & Shells
370	530		Red Bed
530	669		Red Bed & Shells
669	819		Red Bed
819	929		Red Bed & Shells
929	995		Anhydrite
995	1040		Anhydrite & Potash
1040	1190		Salt
1190	1285		Red Shells
1285	1315		Anhydrite
1315	1445		Anhydrite
1445	1548		Red Bed & Potash
1548	1700		Anhydrite
1700	1720		Salt & Anhydrite
1720	1740		Red Bed
1740	1830		Anhydrite
1830	1900		Anhydrite
1900	2015		Anhydrite & Salt
2015	2078		Anhydrite & Salt
2078	2142		Anhydrite
2142	2221		Anhydrite Salt
2221	2485		Anhydrite
2485	2539		Sand

(OVER)

FORMATION RECORD—CONTINUED

