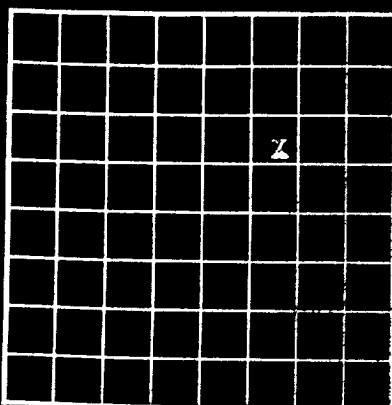




LOCATE WELL CORRECTLY

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

 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-Ellenburger** State **New Mexico**
 Well No. **2** Sec. **13T. 24R. 37** Meridian County **Lea, New Mexico**
 Location **1980** {N.} of {S.} Line and **1980** {E.} of {W.} 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.

Date **August 30, 1945**Signed *[Signature]*
Title **Division Superintendent**

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 9800
No. 3, from Yates to 2610	No. 6, from Devonian to 9995

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	Cased and pulled from	Perforated		Purpose
							From	To	
12 3/4	126	8-2	Nat.	383.10	Hall				
9 5/8	36	8-2	Nat.	4184.30	Hall			None	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 3/4	408.10	400	Hall		
9 5/8	4199.09	4000	Hall		

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
2 3/8						
		None				

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

_____ Put to producing _____ **Dry hole**

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil; _____ emulsion; _____ % water; and _____ % sediment. Gravity, _____.

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. F. Hall _____ Driller	F. A. Merts _____ Driller
J. V. Dooley _____ Driller	_____ 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	996		Anhydrite
996	1040		Anhydrite & Potash
1040	1190		Salt
1190	1285		Red Shells
1285	1315		Anhydrite
1315	1465		Anhydrite
1465	1568		Red Bed & Potash
1568	1700		Anhydrite
1700	1720		Salt & Anhydrite
1720	1740		Red Bed
1740	1830		Anhydrite
1830	1900		Anhydrite
1900	2018		Anhydrite & Salt
2018	2078		Anhydrite & Salt
2078	2142		Anhydrite
2142	2221		Anhydrite Salt
2221	2483		Anhydrite
2483	2639		

(OVER) Line