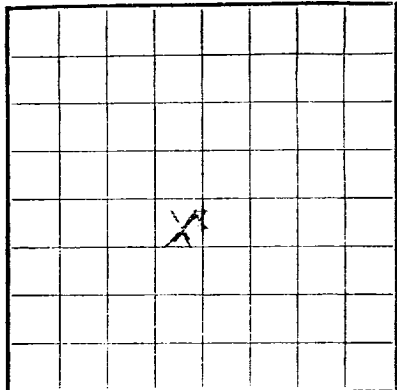


U. S. LAND OFFICE **NH 04175 (b)**
SERIAL NUMBER **231616**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **HUMBLE OIL & REFINING COMPANY** Address **Box 2347, Hobbs, New Mexico**
Lessor or Tract **Abe Chalk Bluff Draw Unit** Field **Empire Abe** State **New Mexico**
Well No. **26** Sec. **17** T. **18S** R. **27E** Meridian **RPM** County **Eddy**
Location **2970** ft. **N** of **N** Line and **2970** ft. **E** of **E** Line of **Section 17** Elevation **3404**
(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 **ARVIN D. EADY** ORIGINAL
SIGNED: **Agent**
Date **September 27, 1961** Title

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

Commenced drilling **July 17**, 19**61** Finished drilling **August 9**, 19**61**

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

Date Well Completed: **9-16-61**

No. 1, from **5468** to **5473** No. 4, from to
No. 2, from **5486** to **5500** No. 5, from to
No. 3, from **5518** to **5522** 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—	
8-5/8"	24	8RD	Uth	1497	HOUSE				Surface
4-1/2"	9.5422.6	8RD	Uth	5540	HOUSE				Oil String
						*5468-73, 5486-5500, 5518-22.			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1504	1200	Pumped		
4-1/2"	5555	850	Pumped		

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
	None					

TOOLS USED

Rotary tools were used from **0** feet to **5555*** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES ***Driller's Total Depth**

September 27, 19**61** Put to producing **September 4**, 19**61**

The production for the first 24 hours was **90** barrels of fluid of which **41** % was oil; % emulsion; **59** % water; and % sediment. Gravity, °Bé. **44.00**

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Abe Tomlinson, Driller **T. J. Grider**, Driller
J. A. Whittington, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	221	221	Anhydrite and Shale
221	1208	987	Anhydrite and Gyp.
1208	1688	480	Anhydrite and Lime
1688	3405	1717	Lime
3405	3675	270	Lime and Dolomite
3675	4221	546	Lime
4221	4373	152	Lime and Dolomite
4373	5380	1007	Dolomite
5380	5482	102	Lime and Dolomite
5482	5555	73	
	TD		
			Formation Tops
			San Andres 1118
			Yaso 2887
			Bone Spring 4205
			Top of Reef 5410

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

-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 shots. If pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning.