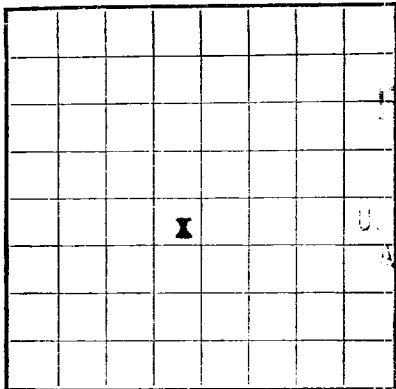


U. S. LAND OFFICE NM 04175 (b)
SERIAL NUMBER 231616
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

SEP 28 1961

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

WILLOW, NEW MEXICO

LOG OF OIL OR GAS WELL

Company HUMBLE OIL & REFINING COMPANY Address Box 2347, Hobbs, New Mexico
Lessor or Tract Abo Chalk Bluff Draw Unit Field Empire Abo State New Mexico
Well No. 26 Sec. 17 T. -18-S R. 27E Meridian N4PM County Eddy
Location 2970 of N Line and 2970 ft. 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 SIGNEDDate September 27, 1961Title Agent

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

Commenced drilling July 17, 1961 Finished drilling August 9, 1961

OIL OR GAS SANDS OR ZONES

Date Well Completed: 9-16-61

(Denote gas by G)

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—	
<u>8-5/8"</u>	<u>26</u>	<u>8</u>	<u>Unknown</u>	<u>1487</u>	<u>HOMCO</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>4-1/2"</u>	<u>26</u>	<u>8</u>	<u>Unknown</u>	<u>5540</u>	<u>HOMCO</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Oil String</u>
						<u>*5468-73, 5486-5500, 5518-22.</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>1504</u>	<u>1200</u>	<u>Pumped</u>	<u>-</u>	<u>-</u>
<u>4-1/2"</u>	<u>5555</u>	<u>850</u>	<u>Pumped</u>	<u>-</u>	<u>-</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
	<u>None</u>					

TOOLS USED

Rotary tools were used from _____ feet to 5555 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 1961 Put to producing September 4, 1961

The production for the first 24 hours was 90 barrels of fluid of which 41 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 44.0°

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 T. J. Grider, Driller
Abe Tomlinson, 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 & Dolomite
5482	5555	73	Dolomite
	TD		
			Formation Logs
			San Andres 1118
			Yess 2887
			Bone Spring 4205
			Top of Reef 5410

FORMATION RECORD—Continued

[illegible]

— 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 ~~any~~ or bridge ~~was~~ put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

Spudded 11" hole at 4:30 P.M. 7-17-61. Ran 1487' (48 lbs) of 8-5/8" egg set at 1504 w/1000 wcs of cmt. Cmt didn't circulate. Added an additional 200 wcs of cmt in hole and circulated. Ran 5540' (171 lbs) of 4-1/2" egg set at 5555 w/650 wcs cmt. Cmt didn't circulate. Added an additional 200 wcs of cmt. Ran 5370' of 2-3/8" tubing.

This well drilled to a total depth of 5555 (Driller's Total Depth). No DST taken. No cores taken. Logging records: Gamma-Ray-Neutron-Helix-From 555 to surface on 8-9-61. Porxo-Helix-Neutron-From 5555 to 4900 on 8-9-61. Guard-Helix-From 5555 to 4900 on 8-9-61. Perforated 7-1/2" egg from 5468-73, 5486-5500 and 5518-22 (2 shots per ft) then released. Acidized again and then water from same perforations. Well completed as a flowing oil well on 9-16-61.

ORIGINAL
ARVIN B. LANE