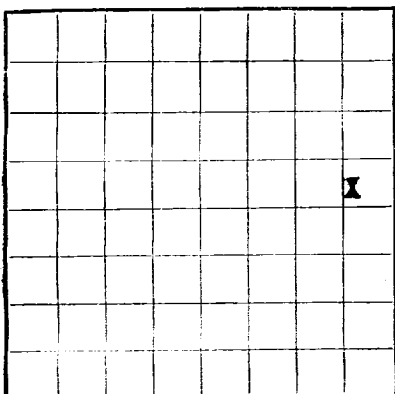




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **NM 04175B**
Company **231616**
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

RECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR

FEB 23 1961

GEOLOGICAL SURVEY

RECEIVED
FEB 27 1961
D. D. D.
OFFICE

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. **11** Sec. **17** T. **18S** R. **27E** Meridian **KMPM** County **Eddy**
Location **2970** ft. **N.** of **S** Line and **4950** ft. **E.** of **W** Line of **Sec. 17** Elevation **3457**
(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 **February 20, 1961**Title **Agent**The summary on this page is for the condition of the well at above date. Date Completed: **1-21-61**Commenced drilling **December 23, 1960** Finished drilling **January 17, 1961**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5456** to **5470** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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	U.S.	125	10000				
4-1/2	9.5	8rd	U.S.	5638	10000				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1517	800	Pumped	-	-
4-1/2	5637	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 **5638** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 20, 19 **61** Put to producing **January 20**, 19 **61**
The production for the first **235** hours was _____ barrels of fluid of which _____% 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 **H. L. Beutler**, Driller
R. O. Blackledge, Driller
Adam Locke, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	579	579	Anhydrite and Lime
579	740	161	Anhydrite and Gyp
740	920	180	Anhydrite
920	1042	122	Anhydrite and Gyp
1042	1250	208	Anhydrite
1250	1332	82	Anhydrite and Gyp
1332	1439	107	Anhydrite and Lime
1439	1522	83	Anhydrite
1522	4205	2683	Lime
4205	4942	737	Lime and Dolomite
4942	5059	117	Lime, Dolomite and Chert
5059	5107	48	Lime and Dolomite
5107	5431	324	Lime and Shale
5431	5638 T.D.	207	Lime
			Formation Tops
			San Andres 1155
			Yaso 2924
			Bone Spring 4212
			Top of Reef 5282
			Base of Reef 5545

(OVER)

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[illegible]

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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, screen, or any other part of the well, state kind of material used, position, and results of pumping or bailing or shoring. If plugs or bridges were put in to test for water, state kind of material used, position, and number of attempts, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. 'Slidetracked,' or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots.

Spudded 11" hole at 10:00 PM 12-23-60. Ran 1506' (48 jts) of 8-5/8" csg set at 1317' w/800 xss cmt, cmt eliminated. Ran 5626' (176 jts) of 4-1/2" csg set at 5637' w/850 xss cmt. Top of cmt 2000' by temp. survey. Ran 5188' (165 jts) of 2-3/8" lbg set at 5200'.

COPIES TAKEN: NONE.

LOSS TAKEN: Guard, Forks, Gamma and Neutron-Gamma.

Perforated 4-1/2" csg from 5456 to 5470 w/2 shots per ft.
Acidized above perforations with 4000 gals w/15% acid with an average injection
rate of 4.9 BPM.

Not completed on 1-21-61 as a flooding oil well.