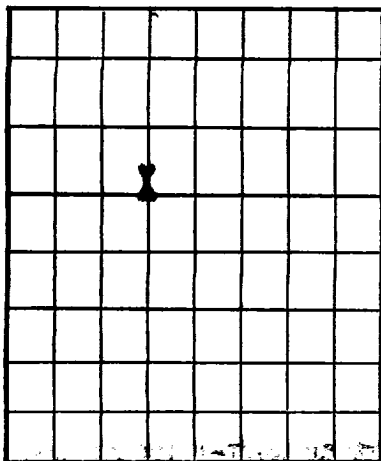


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 069053
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 2347, Hobbs, New Mexico
Lessor or Tract Federal Elliott Field Fed. Elliott W/C State New Mexico
Well No. 2 Sec. 33 T. 15S R. 34E Meridian NMPM County Lea
Location 1994 ft. [S.] of N Line and 1980 ft. [E.] of W Line of Sec. 33 Elevation 4098 ft.
(Denote spot 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]Date February 24, 1953Title District Superintendent

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

Commenced drilling 7-2-52, 19... Finished drilling 2-16-53, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 10075 to 10102 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—	
13-3/8"	42.5	8	British & Spang	408.44	Howe				
9-5/8"	32.30	8	British & Spang	4516.45	Howe				
5-1/2"	20.17	8	Mat'l & 13,336.62	Howe					
	23		Spang						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	423.72	350	Hall.	-	
9-5/8"	4531.00	2100	Hall.	10.5	
5-1/2"	13,350.42	700	Hall.	10	

PLUGS AND ADAPTERS

See Attachment
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 0 feet to 13,513 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19... Put to producing _____, 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
Ray Lynch, D. C. Campbell _____, Driller W. E. Hooper, M. L. DeHastors _____, Driller
B. G. Campbell, A. T. Coleman _____, Driller B. F. Clark, Ted Tillson, J. R. Campbell _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	425	425	Red bed and shells
425	1410	985	Red bed
1410	1660	250	Red bed and shells
1660	1766	106	Red rock and shells
1766	1840	74	Anhydrite
1840	2000	160	Anhydrite, red rock & salt
2000	2916	916	Anhydrite and salt
2916	4255	1339	Anhydrite and gyp
4255	4485	230	Lime and gyp
4485	10025	5540	Lime
10025	10051	26	Lime and chert
10051	10615	564	Lime
10615	10710	95	Lime and chert
10710	10760	50	Lime, shale, and chert
10760	11020	260	Lime and shale
11020	11250	230	Shale
11250	11317	67	Shale and lime
11317	11436	119	Shale
11436	12445	1209	Shale and lime
12445	12445	41	Lime, shale and sand
12445	12844	158	Shale and lime
12844	12894	50	Shale, sand and lime
12894	13005	111	Shale and lime

7441 800 000 000

100-443887-100 (2) Lower than Western Log.

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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 399–405

FORMATION RECORD—Continued