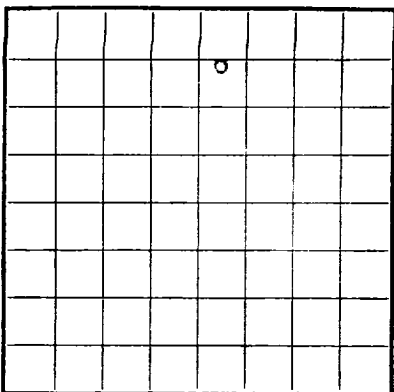


HOBB5

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **NM 053434**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company MARATHON OIL COMPANY Address Box 2107, Hobbs, New Mexico
Lessor or Tract Lea Unit Field Undesignated State New Mexico
Well No. 9 Sec. 13 T. 20S R. 34E Meridian Lea County Lea
Location 660 ft. N of N Line and 2310 ft. E of E Line of Sec. 13 Elevation 3654 Gr.
(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 Albert McChesneyDate 8-8-62Title Asst. Supt.

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

Commenced drilling 3-11-62, 19 Finished drilling 6-22-62, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 12850 to 12856 G No. 4, from 12930 to 12936 G
No. 2, from 12877 to 12882 G No. 5, from 12956 to 12966 G
No. 3, from 12912 to 12916 G No. 6, from 11314 to 11319
11385 11408

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	18.5	8R	Spang	865	Guide				Surface
9 5/8	26.0	8R	"	5508	"				Intermediate
7	26-29	8R & Butt.	"	11318	"		11318	11408	Producing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	865	725	2-plug	-	-
9 5/8	5508	3376	2-stage	-	-
7	11318	1250	2-plug	-	-

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

TOOLS USED

Rotary tools were used from 0 feet to 11408 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-8-62, 19 Put to producing 8-1-62 (Bend)
7-9-62 (Devonian), 19
The production for the first 24 hours was 380 barrels of fluid of which 100% was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 51.8 (Bend) (Condens.)
If gas well, cu. ft. per 24 hours 784 MCF Gallons gasoline per 1,000 cu. ft. 58.45 (Devonian)
Rock pressure, lbs. per sq. in. 6692

EMPLOYEES

Drilling & Exploration Company _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1690	1690	Red Bed
1690	1852	162	Red Bed, Anhy.
1852	2321	469	Salt, Anhy.
2321	2709	388	Salt
2709	3395	686	Salt, Anhy.
3395	3829	434	Anhy, Gypsum
3829	4544	715	Anhy, Gypsum, Lime
4544	5510	966	Anhy, Lime
5510	6375	865	Lime
6375	7060	685	Lime, Shale
7060	7718	658	Lime
7718	8842	1124	Lime, Shale
8842	8927	85	Lime, Sand
8927	9428	501	Lime
9428	9475	47	Shale
9475	9629	154	Lime
9629	9806	177	Lime, Sand, Shale
9806	10152	346	Lime
10152	10566	414	Lime, Shale
10566	11044	478	Lime
11044	12076	1032	Lime, Shale
12076	12167	91	Lime, Chert
12167	12390	223	Lime

Cont'd next page

