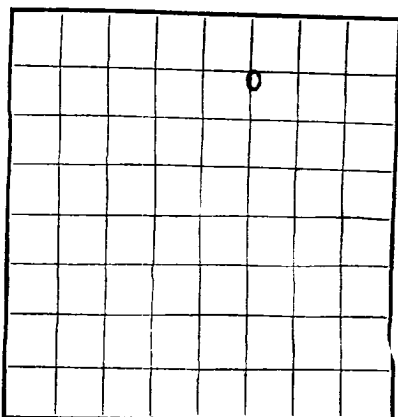




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

New Mexico

02127-8

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 Lea Penn State New Mexico
Well No. 8 Sec. 12 T. 20S R. 34E Meridian _____ County Lea
Location 810 ft. N of W Line and 1980 ft. E of E Line of Sec. 12 Elevation 3692 DF
(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 _____ Title Asst. Supt.
Date 12-3-62

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

Commenced drilling 12-12-61, 19____ Finished drilling 4-26-62, 19____~~PRODUCER~~ GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 13,005' to 13,008' No. 4, from _____ to _____
No. 2, from 13,034' to 13,039' 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 1/8	107	8	Spank	865'	Chisel	—	—	—	Surface
9 5/8	84	8	Spank	5507'	Chisel	—	—	—	Intermed.
5 1/2	70	8	Spank	13790'	Chisel	—	13005	13008	Prod.
							13034	13039	

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	1-plug	—	—
9 5/8	5507'	2800	2-stage	—	—
5 1/2	13790'	1500	1-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 11,693' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-3-62, 19____ Put to producing 5-30-62, 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 965,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Lowe Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1652	1652	Surface and Red Bed.
1652	1956	304	Anhydrite, Gypsum
1956	2300	344	Anhydrite, Gypsum, Salt
2300	3236	936	Anhydrite, Salt
3236	3809	575	Anhydrite, Gypsum
3809	3926	117	Anhydrite, Lime
3926	9054	5128	Lime
9054	9120	66	Lime, Chert
9120	9438	318	Lime
9438	9492	54	Lime, Chert
9492	9540	48	Lime
9540	10065	525	Lime, Chert, Sand
10065	10670	605	Lime, Shale
10670	10852	182	Lime
10852	11345	493	Lime, Shale
11345	11568	223	Lime, Shale, Chert, Sand
11568	11624	56	Lime, Sand
11624	11762	138	Lime, Shale
11762	12039	277	Shale
12039	12130	91	Shale, Lime
12130	12441	311	Shale, Lime, Sand
12441	12776	335	Shale, Lime
12776	12855	79	Shale, Lime, Sand, Chert
12,855	13215	360	Lime, Sand, Shale

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
13215	13292	77	Lime, Shale
13292	13406	114	Lime, Shale, Sand
13406	13524	118	Shale
13524	13773	249	Lime, Shale
13773	14318	545	Lime, Chert
14318	14476	158	Lime, Shale
14476	14599	123	Shale
14599	14693	94	Lime
TOTAL DEPTH 14693'			
1726	1849	123	Anhydrite
1849	3133	1284	Salt
3133	3544	411	Base Salt
3544	4724	1180	Tates
4724	8225	3501	Queen
8225	10813	2588	Bone Springs
10813	11136	323	Basal Leonard
11136	12002	866	Wolfcamp
12002	12352	350	Strawn
12352	13532	1180	Bend
13532	14114	582	Mississippian
14114	14295	181	Woodford
14295	14599	304	Devonian

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

U. S. GOVERNMENT PRINTING OFFICE

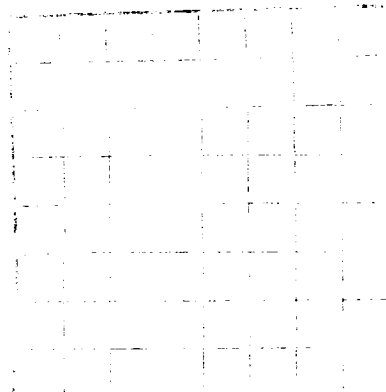
1. 10/1/1942
 2. 10/2/1942
 3. 10/3/1942
 4. 10/4/1942
 5. 10/5/1942
 6. 10/6/1942
 7. 10/7/1942
 8. 10/8/1942
 9. 10/9/1942
 10. 10/10/1942
 11. 10/11/1942
 12. 10/12/1942
 13. 10/13/1942
 14. 10/14/1942
 15. 10/15/1942
 16. 10/16/1942
 17. 10/17/1942
 18. 10/18/1942
 19. 10/19/1942
 20. 10/20/1942
 21. 10/21/1942
 22. 10/22/1942
 23. 10/23/1942
 24. 10/24/1942
 25. 10/25/1942
 26. 10/26/1942
 27. 10/27/1942
 28. 10/28/1942
 29. 10/29/1942
 30. 10/30/1942
 31. 10/31/1942

[illegible][illegible]

NEW YORK OFFICE

RECEIVED
JAN 14 1960
U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20246

[illegible]