

Fed. U. S. LAND OFFICE **NO 0937-A**
 SERIAL NUMBER **250624**
 LEASE OR PERMIT TO PROSPECT **0**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEC 27 1960

D. C. S.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Marble Oil & Refining Company Address Box 2347, Hoboken, New Jersey
Lessor or Tract Marquette Oil Unit No. 1 Field Marquette Unit State New Jersey
Well No. 5 Sec. 14 T. 24S R. 22E Meridian NAD 83 County Salem
Location 2330 ft. N of 5 Line and 3662 ft. E of 5 Line of Sec. 14 Elevation 5352
(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 December 19, 1940

Title _____

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

Commenced drilling September 1, 1960 Finished drilling October 1, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	38	19	Placed by hand	-	-
8 5/8	1393	300	umped	-	-

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to ~~1500~~ _____ feet, and from _____ feet to _____ feet.

1. DATES

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

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	29	29	Caliche
29	3506 TD	3477	Lime and dolomite.
			<u>Formation Totals</u>
			Yards 1624
			Feet 3005
			Meters 3412
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

(OVER)
FOKINYLION BECORB-CONTINUED

16-48094-4

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

16-43094-2 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, 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.

Spliced 17 1/2" hole at 4:30 PM 9-1-60. Set 12' of casing conductor pipe, cut w/19
 ans cut. Set 2 5/8" surface casing at 1997' w/100 ans cut. Drilled to a total
 3900' and found to be dry. Set bridge plug at 1490' and set cut plug from 3490 to
 3290 w/56 ans cut. Set cut plug from 2490 to 2267 w/36 ans cut. Tested zone from
 2167 to 2000 - rec. sulphur water. Set cut plug from 2050 to 1890 w/36 ans cut.
 Set plug from 1448 to 1348 w/35 ans cut. Set surface plug from 15 to surface
 w/10 ans cut. And liden fluid between all plugs. Dry hole marker installed
 as required by ORDER.

The following Drill Team Tests were taken:

Date	Type of Test	Formation Tested From	To	Flow Rate	Test Duration	Test Pressure	Formation Permeability	Gas Permeability	Other	Test Results
9-15-60	Open Hole	1700	1745	1" 5/8"	60	40 100	-	-	20	Yes
9-17-60	"	1760	1820	"	"	120 220	-	-	40	"
9-21-60	"	2243	2410	"	"	100 100	-	-	2 gal	"
9-23-60	"	2426	2614	"	"	340 435	-	-	720 120	"
9-24-60	"	2717	2747	"	"	300 340	-	-	600 90	"
9-28-60	"	3400	3422	"	"	75 0 100	-	-	60	"
9-30-60	"	3422	3445	"	"	90 90 90	-	-	115	"
10-4-60	"	3440	3506	"	"	340 1200 1200	-	-	2153	"
10-4-60	"	3476	3506	"	"	510 1240 1240	-	-	280	"
10-7-60	"	3880	2149	"	"	5	-	-	10	"
10-8-60	"	3880	2147	"	"	140	-	-	400	"

FOO OF OIF OB CTS MEIT

PROPERTY OF
U.S. AIR FORCE

THE POWER OF GIBBS

UFC 5 1/2 inch

UNIVERSITY OF THE MICHIGAN

RECEIVED