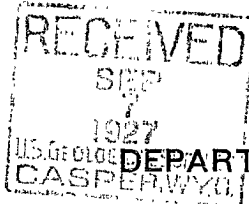


Form 6-320 SEP 19 1927

U. S. GEOLOGICAL SURVEY	
SHIPROCK, NEW MEXICO	
2	



LAND OFFICE Santa Fe
 L NUMBER 048493
 LEASE OR PERMIT

DEPARTMENT OF THE INTERIOR
 BUREAU OF MINES

PETROLEUM DIVISION

SEP 6 1927

RECEIVED

SEP 1 5 1927

U. S. Geological Survey
 Midwest, Wyoming

LOCATE WELL CORRECTLY

U. S. GEOLOGICAL SURVEY
 ROSWELL, N. M.

LOG OF OIL OR GAS WELL

Company The Midwest Refining Co. Address Casper, Wyo.
 Lessor or Tract _____ Field Hospah State New Mexico
 Well No. 24 Sec. 2 T. 17N R. 9W Meridian N.M.P.M. County McKinley
 Location 990 ft. N. of So Line and 330 ft. E. of E Line of _____ Elevation undetermined
 (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 C. H. ScottDate August 18, 1927Title Superintendent

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

Commenced drilling April 28, 1927 Finished drilling June 21, 1927

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 540 to 600 No. 3, from 1038 to 1070
 No. 2, from 955 to 990 No. 4, from 1646 to 1676
1745 1808

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
<u>12 1/2</u>	<u>50</u>	<u>8</u>	<u>Nat</u>	<u>45' 11"</u>		<u>All pulled from</u>	<u>53'</u>		
<u>10</u>	<u>45</u>	<u>8</u>	<u>"</u>	<u>1005' 11"</u>	<u>Plain</u>	<u>" " "</u>	<u>1010'</u>		
<u>8 1/4</u>	<u>28</u>	<u>10</u>	<u>N</u>	<u>1455'</u>	<u>Plain</u>	<u>Cemented</u>			

CASING OR TOOLS LOST OR SIDETRACKED

From _____ to _____ Description _____
 From _____ to _____ Description _____
 From _____ to _____ Description _____

MARK

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10	1010'				50 barrels mud and soft rc
8 1/2	1459	30 sack Santa Cruz	Perkins 2 Plg		

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 _____ 0 _____ feet to _____ 1836 _____ 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

George Treese _____, Driller George W. Kelley _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	53	53	Sandy soil
53	70	17	Soft sandstone
70	80	10	Hard sand
80	98	18	Shale and coal formation
98	112	14	Sand
112	150	38	Muddy shale
150	185	35	Soft sand
185	200	15	Sandy shale
200	245	45	Blue shale
245	250	5	Coal formation
250	325	75	Sandy shale
325	327	2	Show of coal
327	355	28	Blue shale
355	400	45	Grey sandy shale
400	435	35	Brown soft gumbo
435	540	105	Grey sandy shale
540	600	60	Soft water sand

(OVER)

FORMATION RECORD—Continued.

FROM	TO	TOTAL FEET	FORMATION
600	644	44	Blue shale
644	647	3	Grey gummy shale
647	910	263	Blue shale
910	955	45	Blue sandy shale
955	990	35	Hard water sand
990	1010	20	Blue shale
1010	1033	23	Blue sandy shale
1033	1070	37	Soft sand
1070	1080	10	Shale break
1080	1115	35	Coarse water sand
1115	1120	5	Blue shale
1120	1370	250	Blue sandy shale
1370	1375	5	Soft sand
1375	1420	45	Blue sandy shale
1420	1549	129	Blue shale
1549	1635	86	Blue sandy shale
1635	1646	11	Grey shale
1646	1676	30	Grey sand (water)
1676	1715	39	Grey sandy shale
1715	1808	93	Soft white water sand
1808	1829	21	Grey shale
1829	1836	7	Blue shale