

J. S. LAND OFFICE Las Cruces
 SERIAL NUMBER 032510
 LESSOR OR PERMIT TO PROSPECT L. W. Gregory

DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Midwest Refining Company Address Box 275, Carlsbad, New Mexico
 Lessor or Tract _____ Field Jal State New Mexico
 Well No. 22 Sec. 31 T. 25S R. 37E Meridian N.M.P.M. County Lea
 Location 220 ft. (N.) of S. Line and 1650 ft. (E.) of W. Line of Section 31 Elevation 3000'
 (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 Hann SartinDate Sept. 9, 1929Title Superintendent

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

Commenced drilling April 12, 1929 Finished drilling Sept. 8, 1929

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 2890 to 2905 No. 4, from G 3070 to 3072
 No. 2, from G 2943 to 2947 No. 5, from 0 3127 to 3165
 No. 3, from 0 2995 to 3000 No. 6, from 0 3297 to 3320

IMPORTANT WATER SANDS

No. 1, from 240 to 280 No. 3, from _____ to _____
 No. 2, from 1055 to 1065 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	
10"	45#	10	"	2719					Protect salt
8 1/2"	36#	Ten	"	1122					Shut off gas

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
15 1/2"	508' 3"			Heavy	Filled behind casing
12 1/2"	1145'	Seventy five	Halliburton		
10"	2719'	Two hundred fifty	"		
8 1/2"	3264'	One hundred	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	De.
32 TC	3350				
3200	3310	10			

Tools used from 3072 feet to 3300 feet
 Cable tools were used from Surface feet to 3072 feet

TOOLS USED

Sept. 8, 1929

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Location 890 ft. [N.] of [E.] of W. line and 1650 ft. [W.] of W. line of Section 31 Elevation 5000'.
 Well No. 22 Sec. 31 T. 25S. R. 37E Meridian N.M.P.M. County Lea
 Lessor or Tract _____ Field 1A1 State New Mexico
 Company The Midwest Refining Company _____ Address Box 875, Garfield, New Mexico

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

Commenced drilling	April 18, 1929	Finished drilling	Sept. 8, 1929
Date _____ Sept. 9, 1929 Title _____ Superintendent			

OIL OR GAS SANDS OR ZONES

(Derote das by G)

No. 1, from	Q	3880	to	3905	No. 4, from	Q	3970	to	3975
No. 2, from	Q	3943	to	3947	No. 5, from	Q	3183	to	3185
No. 3, from	Q	3925	to	3900	No. 6, from	Q	3297	to	3350

IMPORTANT WATER SANDS

No. 1, from	to	240	No. 3, from	to
No. 2, from	to	1061	No. 4, from	to

CASING RECORD

Casing Size per foot	Threads per inch	Masks	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
						From	To	
8 1/2"	30	1	"	HIS ONLY OIL OR GAS WELL	Please state in detail the dates of running, together with reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was damaged, or left in the well, state 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 burning.			1-2776
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MUDDING AND CEMENTING RECORD

Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
308' 3"	One hundred	"	Heavy	filled before casing
319'	Two hundred fifty	"		
325'	Seventy five	Helixirton		

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

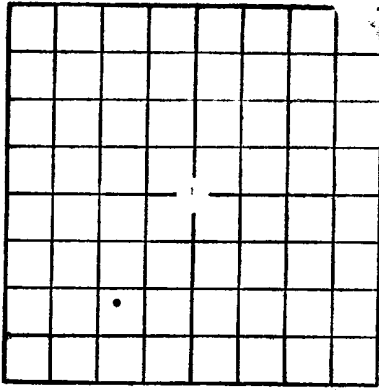
SHOOTING RECORD

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~~Philip George Newberry~~
(REV)



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(Derrick floor relative to sea level)

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Signed Harry SartinDate Sept. 9, 1929Title Superintendent

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Commenced drilling April 12, 1929 Finished drilling Sept. 8, 1929

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>G</u> <u>2890</u> to <u>2905</u>	No. 4, from <u>G</u> <u>3070</u> to <u>3072</u>
No. 2, from <u>G</u> <u>2943</u> to <u>2947</u>	No. 5, from <u>O</u> <u>3127</u> to <u>3165</u>
No. 3, from <u>O</u> <u>2995</u> to <u>3000</u>	No. 6, from <u>O</u> <u>3297</u> to <u>3320</u>

IMPORTANT WATER SANDS

No. 1, from <u>240</u> to <u>280</u>	No. 3, from _____ to _____
No. 2, from <u>1055</u> to <u>1065</u>	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	
10"	36#	Ten	"	1132'	OR	ON "OK	072	MEIT	Shut off gas
8"	36#	Ten	"	1132'	OR	ON "OK	072	MEIT	Shut off gas

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
15"	508'3"			Heavy	Filled behind casing
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8"	3264'	One hundred	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SUGGESTED RECORD

Adapters—Material	Length	Depth set
Heaving plug—Material		

FORMATION RECORD - Continued

LOG	DATE	TOTAL FEET	FORMATION	REMARKS
1895	1899	270	Self	
1896	1895	270	Self	
1897	1895	270	Self	
1898	1895	270	Self	
1899	1895	270	Self	
1900	1895	270	Self	
1901	1895	270	Self	
1902	1895	270	Self	
1903	1895	270	Self	
1904	1895	270	Self	
1905	1895	270	Self	
1906	1895	270	Self	
1907	1895	270	Self	
1908	1895	270	Self	
1909	1895	270	Self	
1910	1895	270	Self	
1911	1895	270	Self	
1912	1895	270	Self	
1913	1895	270	Self	
1914	1895	270	Self	
1915	1895	270	Self	
1916	1895	270	Self	
1917	1895	270	Self	
1918	1895	270	Self	
1919	1895	270	Self	
1920	1895	270	Self	
1921	1895	270	Self	
1922	1895	270	Self	
1923	1895	270	Self	
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1926	1895	270	Self	
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1928	1895	270	Self	
1929	1895	270	Self	
1930	1895	270	Self	
1931	1895	270	Self	
1932	1895	270	Self	
1933	1895	270	Self	
1934	1895	270	Self	
1935	1895	270	Self	
1936	1895	270	Self	
1937	1895	270	Self	
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1941	1895	270	Self	
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1943	1895	270	Self	
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1987	1895	270	Self	
1988	1895	270	Self	
1989	1895	270	Self	
1990	1895	270	Self	

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OFFICE OF THE
COMMISSIONER OF
THE LAND OFFICE
ALBANY, N. Y.