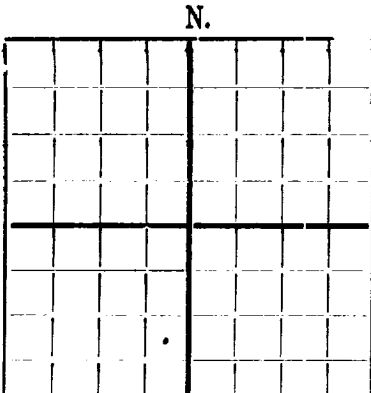


NEW MEXICO LAND OFFICE
SANTA FE, NEW MEXICOAREA 640 ACRES
LOCATE WELL CORRECTLY

DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES
Socorro, New Mexico

WELL RECORD

Mail to State Geologist, Socorro, New Mexico, not more than ten days
after completion of well. Indicate questionable data by fol-
lowing it with (?). Submit in duplicate.

Company The Midwest Refining Company Address Casper, Wyoming
Send correspondence to The Midwest Ref'g. Company Address Hobbs, New Mexico
State _____ Well No. 24 in SW $\frac{1}{4}$ of Sec. 10, T. 19S,
R. 38E, N. M. P. M., Hobbs Oil Field Lea County.
If State land the oil and gas lease is No. A 1212 Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is The Midwest Refining Company, Address Casper, Wyoming
If not state or patented land, give status _____
Drilling commenced Oct. 7, 19 29 Drilling was completed Dec. 23, 19 29
Name of drilling contractor Alamo Drilling Company, Address Amarillo, Texas
Elevation above sea level at top of casing 3645 feet. Approx.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from G 2925 to 2940 No. 4, from O 4090 to 4095
No. 2, from G 2965 to _____ No. 5, from O & G 4125 to 4137
No. 3, from O & G 3268 to _____ No. 6, from O 4150 to _____

IMPORTANT WATER SANDS

No. 1, from 45 to 175 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>15$\frac{1}{2}$"</u>	<u>70#</u>	<u>8</u>	<u>YGST</u>	<u>292'</u>	<u>No</u>				<u>Water shut-off</u>
<u>10$\frac{3}{4}$"</u>	<u>45$\frac{1}{2}$#</u>	<u>8</u>	<u>St'd.</u>	<u>1668'</u>	<u>Plain</u>				<u>Protect salt</u>
<u>8 5/8"</u>	<u>36#</u>	<u>10</u>	<u>Nat'l.</u>	<u>4072'6"</u>	<u>"</u>				<u>Oil string</u>

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>15$\frac{1}{2}$"</u>	<u>292'</u>	<u>Sixty</u>	<u>Halliburton</u>		
<u>10$\frac{3}{4}$"</u>	<u>1668'</u>	<u>Forty</u>	<u>"</u>		
<u>8 5/8"</u>	<u>4072'6"</u>	<u>One hundred thirty</u>	<u>"</u>		

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 Surface feet to 1668 feet, and from _____ feet to _____ feet
Cable tools were used from 1668 feet to 4180 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Dec. 23, 19 29
The production for the first 24 hours was 564.2 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, Be. 33
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYES

Alamo Drilling Company, Driller _____ Contractors _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all
work done on it so far as can be determined from available records.

Subscribed and sworn to before me this _____
day of _____, 19 _____

Name Jam Sartin
Position Field Supt.

Notary Public
My commission expires _____

Representing The Midwest Refining Company
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	45	45	Surface sand
45	100	55	Sand and boulders
100	175	75	Sand and lime shells
175	292	117	Red rock
292	325	33	Hard lime and broken shells
325	400	75	Broken sand and red rock
400	515	115	Broken red rock
515	615	100	Red beds
615	690	75	Broken red rock
690	740	50	Broken sand and red rock
740	785	45	Broken sand and hard shells
785	810	25	Sand and lime shells
810	835	25	Red beds
835	1035	200	Red rock and shells
1035	1090	55	Sticky red rock
1090	1200	110	Broken red rock
1200	1250	50	Red rock and shells
1250	1290	40	Hard lime
1290	1385	95	Broken lime
1385	1425	40	Sticky red rock
1425	1465	40	Red rock and shale
1465	1480	15	Red rock and shells
1480	1490	10	Lime
1490	1520	30	Hard red rock
1520	1525	5	Hard broken red rock
1525	1555	30	Broken lime, hard
1555	1560	5	Hard sand
1560	1570	10	Hard sand and broken lime
1570	1600	30	Broken anhydrite and lime
1600	1610	10	Red rock and anhydrite
1610	1660	50	Anhydrite
1660	1670	10	Hard anhydrite
1670	1675	5	Red rock
1675	1685	10	Anhydrite
1685	1720	35	Salt and red rock
1720	1770	50	Salt
1770	1805	35	Anhydrite and potash
1805	1920	115	Salt and anhydrite
1920	1970	50	Salt and potash
1970	1975	5	Red rock
1975	2070	95	Salt and potash
2070	2080	10	Red rock
2080	2090	10	Salt
2090	2105	15	Anhydrite
2105	2450	345	Salt
2450	2475	25	Salt and potash
2475	2500	25	Anhydrite and salt
2500	2590	90	Salt
2590	2600	10	Red rock
2600	2650	50	Salt
2650	2670	20	Anhydrite
2670	2700	30	Red rock
2700	2810	110	Anhydrite
2810	2865	55	Red rock
2865	2910	45	Anhydrite and red rock
2910	2920	10	Anhydrite
2920	3268	348	Lime
3268	3280	12	Brown sand
3280	3330	50	Lime
3330	3765	435	Broken lime
3765	3840	75	Lime
3840	3930	90	Hard lime
3930	4160	230	Lime
4160	4164	4	Shale break
4164	4180	16	Lime