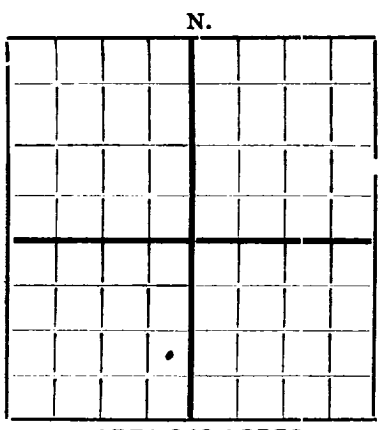
FORM SG 108



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO ST[illegible] AND OFFICE
SANTA FE, [illegible]EXICO

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 following it with (?). Submit in duplicate.

Company [illegible]he Midwest Refining Company Address Casper, Wyoming

Send correspondence to The Midwest Ref'g. Company Address Hobbs, New Mexico

[illegible]tate Well No. 24 in [illegible] 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, 1929. Drilling was completed Dec. 23, 1929.

Name of drilling contractor Slaco 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 4090 to 4095

No. 2, from G 2965 to No. 5, from G & G 4125 to 4137

No. 3, from G & G 3268 to No. 6, from 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 FROM	PERFORATED TO	PURPOSE
15½"	70	8	[illegible]	292'	No				ater shut-off
10 "	45	8	t'd.	1668'	lain				rotect salt
8 5/8"	36	10	et'l.	4072'6"	"				il string

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
[illegible]"	292'	[illegible]xty	Halliburton		
10 "	1668'	orty	"		
[illegible] 5/8"	[illegible]72'6"	[illegible]ne hundred [illegible]irty	"		

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, 1929

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

[illegible]lamo Drilling Company, Driller [illegible]ontractors, 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 30th day of December, 1929

Edward Dale Roberts
Notary Public

My commission expires May 22 1930

Name Tom Sartin

Position Field Supt.

Representing The Midwest Refining Company
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	45	45	urface sand
45	100	55	and and boulders
100	175	75	and and lime shells
175	292	117	ed rock
292	325	33	ard lime and broken shells
325	400	75	roken sand and red rock
400	515	115	roken red rock
515	615	100	ed beds
615	690	75	roken red rock
690	740	50	roken sand and red rock
740	785	45	roken sand and hard shells
785	810	25	and and lime shells
810	835	25	ed beds
835	1035	200	ed rock and shells
1035	1090	55	ticky red rock
1090	1200	110	roken red rock
1200	1250	50	ed rock and shells
1250	1290	40	ard lime
1290	1385	95	roken lime
1385	1425	40	ticky red rock
1425	1465	40	ed rock and shale
1465	1480	15	ed rock and shells
1480	1490	10	ime
1490	1520	30	ard red rock
1520	1525	5	ard broken red rock
1525	1555	30	roken lime, hard
1555	1560	5	ard sand
1560	1570	10	ard sand and broken lime
1570	1600	30	roken anhydrite and lime
1600	1610	10	ed rock and anhydrite
1610	1660	50	nhydrite
1660	1670	10	ard anhydrite
1670	1675	5	ed rock
1675	1685	10	nhydrite
1685	1720	35	alt and red rock
1720	1770	50	alt
1770	1805	35	nhydrite and potash
1805	1910	105	alt and anhydrite
1910	1970	60	alt and potash
1970	1975	5	ed rock
1975	2070	95	alt and potash
2070	2080	10	ed rock
2080	2090	10	alt
2090	2105	15	nhydrite
2105	2450	345	alt
2450	2475	25	alt and potash
2475	2500	25	nhydrite and salt
2500	2590	90	alt
2590	2600	10	ed rock
2600	2650	50	alt
2650	2670	20	nhydrite
2670	2700	30	ed rock
2700	2810	110	nhydrite
2810	2865	55	ed rock
2865	2910	45	nhydrite and red rock
2910	2920	10	ydrite
2920	3263	343	ime
3263	3280	17	rown sand
3280	3330	50	ime
3330	3765	435	rown lime
3735	3840	70	ime
3840	3930	90	ard lime
3930	4160	230	ime
4160	4164	4	hale break
4164	4180	16	ime

Received of Midwest Refining Co
Log of State Well No 24
Sec, 10 Twp, 19S, R, 38E.

H. L. Haller

State Oil & Gas Insp.