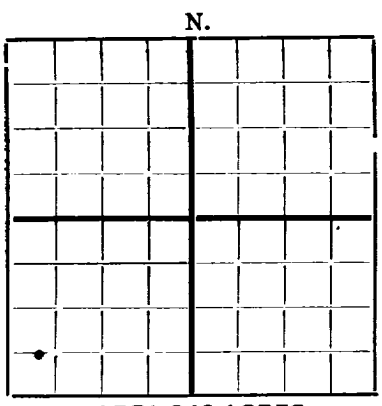
FORM SG 108



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE [illegible] OFFICE
SANTA FE, NEW MEXICO

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 The Midwest Refining Company Address Casper, Wyoming

Send correspondence to The Midwest Ref'g. Company Address Box 875, Carlsbad, New Mexico

Capps Well No. 3I in SW¼ of Sec. 3, T. 19S,

R. 38E, N. M. P. M., Hobbs High Oil Field Lea County.

If State land the oil and gas lease is No. Basic Assignment No. .

If patented land the owner is W. S. & Florence M. Capps, Address Cleburne, Texas

The lessee is The Midwest Refining Company, Address Casper, Wyoming

If not state or patented land, give status

Drilling commenced March 9, 1929. Drilling was completed August 5, 1929.

Name of drilling contractor The Midwest Refining Company, Address Casper, Wyoming

Elevation above sea level at top of casing 3610 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from G 2685 to 2695 No. 4, from G 4045 to 4060

No. 2, from G 2840 to 2860 No. 5, from O 4060 to 4120

No. 3, from O&G 3210 to No. 6, from O 4150 to 4220

IMPORTANT WATER SANDS

No. 1, from 55 to 86 No. 3, from 1235 to 1295

No. 2, from 455 to 470 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
20"	90#	8	Nat'l.	185'	Plain				Water shut-off
15½"	70#	8	Rep.	696'5"	"				Shut off cave
12½"	50#	8	Rep.	1549'	"				Water shut-off
10"	45#	8	S.C.&C.	2798'8"	"				Protect salt
8¼"	36#	10	S.C.&C.	4025'					Oil string

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12½"	1549'	125	Halliburton		
10"	2798'8"	80	"		
8¼"	4025'	80	"		

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 Surface feet to Bottom feet, and from feet to feet

PRODUCTION

Put to producing August 5, 1929

The production for the first 24 hours was 832 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be. 36 Plus

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYES

A. B. Edmisson, Driller L. R. Bird, 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 20th day of August, 1929

Name Glenn Smith

Position Superintendent

Representing The Midwest Refining Company
Company or Operator

Notary Public

My commission expires Nov 12 1932

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	40	40	Caliche
40	45	5	Hard sand
45	50	5	Hard caliche
50	55	5	Hard sand
55	I05	50	Soft water sand
I05	I37	32	Quick sand
I37	455	3I8	Red shale
455	470	I5	Gray water sand
470	I235	765	Red shale
I235	I295	60	Brown water sand
I295	I325	30	Red sandy shale
I325	I370	45	Red shale
I370	I4I0	40	Red sandy shale
I4I0	I435	25	Brown shale
I435	I540	I05	Red shale
I540	I553	I3	Lime
I553	I565	I2	Red shale
I565	I630	65	Lime
I630	I640	I0	Red shale
I640	I840	200	Salt
I840	I9I5	75	Lime and salt
I9I5	2380	465	Salt
2380	24I0	30	Anhydrite
24I0	2530	I20	Salt
2530	2550	20	Lime
2550	2570	20	Red shale
2570	2590	20	Lime
2590	2630	40	Salt and red shale
2630	2640	I0	Red shale
2640	2700	60	Lime (Small showing of gas at 2685' to 2695')
2700	2785	85	Red shale
2785	2800	I5	Anhydrite
2800	2860	60	Lime (Showing of gas 2840' to 2860')
2860	2875	I5	Shale
2875	2890	I5	Lime
2890	29I5	25	Lime and shale
29I5	2935	20	Lime
2935	2965	30	Brown shale
2965	3I50	I85	Lime
3I50	3I95	45	Brown shale
3I95	32I0	I5	Lime (Showing of oil and gas at 32I0')
32I0	3240	30	Lime and red shale
3240	3265	25	Red shale
3265	3420	I55	Lime
3420	3490	70	Anhydrite and lime
3490	3640	I50	Lime
3640	3700	60	Anhydrite and lime
3700	3780	80	Lime
3780	4025	245	Gray lime
4025	4I35	II0	Lime (Oil and gas 4045' to 4I35')
4I35	4I50	I5	Hard lime
4I50	4200	50	Lime (More oil and gas at 4I66' - Oil increased)
4200	42I5	I5	Lime, showing some black shale
42I5	4220	5	Lime (Increase in oil from 4200 to 4220')