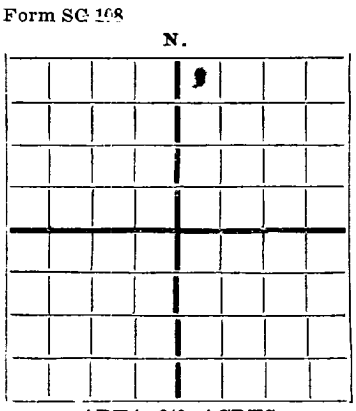
Form SC 108



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

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

Company Humble Oil & Refining Address Box Z, Hobbs, New Mexico

Send correspondence to Mr. R. C. Barbour Address Humble Oil & Refg. Co., Box 938 McCamey, Texas

J. L. Coats Well No. 2 in NE 1/4 of Sec. 10, T. 24 South,

R. 36 East, N. M. P. M., Jal, New Mexico Oil Field Lea County.

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

If patented land the owner is J. L. Coats, Address

The lessee is Magnolia Petroleum Co. & Humble Oil & Refining Co., Address Houston, Texas

If not state or patented land, give status

Drilling commenced Feb. 9th, 1935. Drilling was completed July 5th, 1935

Name of drilling contractor Loffland Bros., Address Rita Santa, Texas

Elevation above sea level at top of casing 3365' feet. Derrick Floor

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 3500' to 3560' 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 to 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 & PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
16"	70.00/	8	L.Weld	35'2"	1-16"	OD Coupling used for shoe			
11-3/4"	60.00/	8	88	375'5"	1-11-3/4" Hal.Guide Shoe				
8-5/8"	32.00/	8	32	1355'5"	1-8-5/8" Hal. Guide Shoe & Float Col.				
6-5/8"	20.00/	10	32	2949'6"	1-6-5/8" Hal.				
4-3/4"	14.00/	10	32	3485'5"	1-4-5/8" Hal.				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	35'2"	100	Halliburton	10.8	15,000 lbs. used
11-3/4"	375'5"	250	"	10.8	on all strings
8-5/8"	1355'5"	275	"	10.8	
6-5/8"	2949'6"	150	"	10.8	
4-3/4"	3485'5"	70	"	10.8	

PLUGS AND ADAPTERS

Heaving plug—Material None 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 1' feet to 3560' feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing July 5th, 1935.

The production of the first 24 hours was 2 NE barrels of fluid of which 97.7 % was oil; 3/10 % emulsion; % water; and % sediment. Gravity, Be 128

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

Rock pressure, lbs. per sq. in.

EMPLOYES

B. Graham, Driller — C. C. Fielder, Driller

Gus Everett, Driller — Bob Johnson, 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 11 day of July, 1935

Upton County, Texas Lady Wilson Notary Public.

My commission expires June 1, 1937

Name R. C. Barbour

Position Division Sup't.

Representing Humble Oil & Refining Company

Company or Operator.

J. L. COATES # 2 N.M.-87

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	115	115	RED CLAY
115	405	288	Red Bed and Shells
405	464	61	Salt and Lime
464	613	149	Shale and Shells
613	730	117	Hard Red Shell
730	817	87	Red Bed and Shells
817	886	69	Red Shale
886	966	80	Hard Shale
966	1023	57	Red Bed and Shells
1023	1115	92	Broken Anhydrite
1115	1173	58	Hard Red Shale
1173	1324	151	Red Bed
1324	1360	36	Anhydrite
1360	1433	73	Broken Anhydrite
1433	1525	92	Broken Salt & Anhydrite
1525	1555	30	Salt
1555	1585	30	Anhydrite
1585	1615	30	Salt
1615	1640	25	Anhydrite
1640	1715	75	Salt
1715	1726	11	Anhydrite
1726	1776	50	Salt
1776	1846	70	Anhydrite
1846	1887	41	Salt
1887	1892	5	Anhydrite
1892	1900	8	Salt
1900	1910	10	Anhydrite
1910	1920	10	Salt
1920	1960	40	Anhydrite
1960	2027	67	Salt
2027	2031	4	Anhydrite
2031	2040	9	Salt
2040	2048	8	Anhydrite
2048	2056	8	Salt
2056	2067	11	Anhydrite
2067	2098	31	Salt
2098	2108	10	Anhydrite
2108	2128	20	Salt
2128	2140	12	Anhydrite
2140	2254	114	Salt
2254	2267	13	Anhydrite
2267	2299	32	Salt
2299	2310	11	Anhydrite
2310	2337	27	Salt
2337	2347	10	Anhydrite
2347	2418	71	Salt
2418	2426	8	Anhydrite
2426	2492	66	Salt
2492	2494	2	Anhydrite
2494	2526	32	Salt
2526	2528	2	Anhydrite
2528	2547	19	Salt
2547	2576	29	Anhydrite
2576	2617	41	Salt
2617	2644	27	Anhydrite
2644	2679	35	Salt
2679	2701	22	Anhydrite
2701	2751	50	Salt
2751	2761	10	Anhydrite
2761	2790	49	Salt
2790	2810	20	Anhydrite
2810	2854	44	Salt
2854	2856	2	Anhydrite
2856	2871	15	Salt
2871	2873	2	Anhydrite
2873	2961	88	Salt
2961	2975	14	Anhydrite
2975	3000	25	Anhydrite
3000	3065	15	Lime
3065	3131	66	Brown Sandy Lime
3131	3199	68	Sandy Lime
3199	3220	21	Gray Hard Lime
3220	3226	6	Brown Soft Lime
3226	3239	13	Gray Hard Lime
3239	3315	76	Lime
3315	3342	27	Gray Lime
3342	3385	43	Lime
3385	3394	9	Gray Lime
3394	3472	78	Brown Lime
3472	3548	76	Gray Lime
3548	3560	12	Lime and Sand