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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 fol-
lowing it with (?). Submit in duplicate.

Company Humble Oil & Refining Address Houston, Texas
Send correspondence to Mr. R. G. Barbour Address P. O. Box W, Midland, Texas
J. L. Coats Well No. 4 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 Jal, New Mexico
The lessee is Humble Oil & Refining Co. Address Houston, Texas
If not state or patented land, give status _____
Drilling commenced 8/13/35 19____. Drilling was completed 9/14, 1935
Name of drilling contractor McQueen & Clevenger Address Ft. Worth, Texas
Elevation above sea level at top of casing 3369 feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3361' to 3377' No. 4, from _____ to _____
No. 2, from 3377' to 3594' 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		PURPOSE
							FROM	TO	
<u>13-3/8"</u>	<u>54.50</u>	<u>8</u>	<u>JAL</u>	<u>310'</u>	<u>Tex-Pat.</u>	<u>None</u>	<u>None</u>		
<u>7-5/8"</u>	<u>29.70</u>	<u>8</u>	<u>JAL</u>	<u>2822'</u>	<u>Hal.</u>	<u>None</u>	<u>None</u>		
<u>5-1/2"</u>	<u>17.00</u>	<u>10</u>	<u>JAL</u>	<u>3514'</u>	<u>Hal.</u>	<u>None</u>	<u>None</u>		
TUBING RECORD:									
<u>2"</u>	<u>4.70</u>	<u>10</u>	<u>USE 3577</u>			<u>None</u>	<u>None</u>		

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>13-3/8"</u>	<u>529' 6"</u>	<u>200</u>	<u>Halliburton</u>	<u>10.5#</u>	<u>95 tons used</u>
<u>7-5/8"</u>	<u>2822' 0"</u>	<u>750</u>	<u>"</u>	<u>10.5#</u>	<u>in well</u>
<u>5-1/2"</u>	<u>3530' 0"</u>	<u>110</u>	<u>"</u>	<u>10.5#</u>	

PLUGS AND ADAPTERS

1-Halliburton Two-Stage Tool Length 2' 8" Depth Set 1641'
XXXXXX XXXXXX
Adapters—Material _____ Size _____
NOTE: Tool was set in 7-5/8" casing string, 300 sacks cement used below tool and 450 sacks above tool.

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from 0 feet to 3594 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 9/14, 1935.
The production of the first 24 hours was 67 barrels of fluid of which 99.8 % was oil; _____ %
emulsion; _____ % water; and 2/10 % sediment. Gravity, Be. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

A. M. Massey Driller R. S. Wiggins Driller
J. F. Cookston 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 18 Name R. G. Barbour
day of September, 1935 Position Division Supt.
Silen Hodge Representing Humble Oil & Refining Co.
Notary Public. Company or Operator.

My commission expires May 31, 1937

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	60	60	Gallies
60	200	140	Sand and shale
200	342	142	Red rock
342	587	245	Red rock and sand
587	695	108	Hard sand
695	993	298	Red rock
993	1115	122	Hard sand
1115	1195	80	Red rock and shells
1195	1310	115	Red beds and shale
1310	1450	140	Anhydrite
1450	1520	70	Salt
1520	1560	40	Anhydrite
1560	1685	125	Salt
1685	1750	65	Anhydrite
1750	1785	35	Salt
1785	1812	27	Anhydrite
1812	1900	88	Salt and potash
1900	1922	22	Anhydrite
1922	1972	50	Salt and potash
1972	2010	38	Salt
2010	2040	30	Anhydrite
2040	2060	20	Salt
2060	2070	10	Anhydrite
2070	2170	100	Salt
2170	2205	35	Anhydrite
2205	2268	63	Salt
2268	2287	19	Anhydrite
2287	2303	16	Salt and potash
2303	2354	51	Anhydrite
2354	2406	52	Salt
2406	2441	35	Hard anhydrite
2441	2500	59	Broken anhydrite
2500	2538	38	Anhydrite
2538	2596	58	Brown lime
2596	3113	518	Lime
3113	3144	31	Lime and streaks anhydrite
3144	3154	10	Brown lime
3154	3164	10	Sandy lime
3164	3170	6	Brown lime
3170	3210	40	Lime and anhydrite
3210	3239	29	Hard lime
3239	3246	7	Broken lime
3246	3310	64	Hard lime
3310	3322	12	Lime
3322	3336	14	Hard lime
3336	3374	38	Lime
3374	3392	18	Hard lime
3392	3548	156	Lime
3548	3558	10	Hard lime
3558	3564	6	Broken lime
3564	3582	18	Lime
3582	5594	12	Hard lime - Total Depth.