

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Company Humble Oil & Refining Address Houston, Texas
Send correspondence to Mr. R. C. Barbour Address P. O. Box W, Midland, Texas
S. W. Harrison Well No. 1 in SW 1/4 of Sec. 25, T. 25 S0. 245,
R. 36 E., N. M. P. M., Cooper, New Mexico Oil Field Lea County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is S. W. Harrison Address Cooper, New Mexico
The lessee is Humble Oil & Refining Co. Address Houston, Texas
If not state or patented land, give status _____
Drilling commenced 9/19, 19 35 Drilling was completed 11/9, 19 35
Name of drilling contractor McQueen & Clevenger Address Ft. Worth, Texas
Elevation above sea level at top of casing 3278 feet.
The information given is to be kept confidential until _____ 19 _____.

OIL SANDS OR ZONES

No. 1, from 3400' to 3430' 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		PURPOSE
							FROM	TO	
<u>13-3/8"</u>	<u>54.50</u>	<u>8</u>	<u>J&L</u>	<u>274'</u>	<u>Tex-Pat.</u>				
<u>9-5/8"</u>	<u>36.00</u>	<u>8</u>	<u>Youngs-</u>	<u>2656</u>	<u>Halliburton</u>				
<u>7"</u>	<u>24.00</u>	<u>8</u>	<u>do</u>	<u>3341</u>	<u>do</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>294</u>	<u>200</u>	<u>Halliburton</u>	<u>10</u>	<u>110 tons used</u>
<u>9-5/8"</u>	<u>2673</u>	<u>785</u>	<u>"</u>	<u>10.2</u>	<u>in well</u>
<u>7"</u>	<u>3356</u>	<u>125</u>	<u>"</u>	<u>10.2</u>	

Halliburton Two-Stage Tool PLUGS AND ADAPTERS

Heaving plug—Material _____ Length 2'8" Depth Set 1402'
Adapters—Material _____ Size _____
Note: Tool set in 9-5/8" casing string at 1402'. 330 sacks of Trinit Portland cement used below tool and 550 sacks used 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 3430' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 11/5, 19 35
The production of the first 24 hours was 122 barrels of fluid of which 30 % was oil; _____ % emulsion; 70 % water; and _____ % 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. Swiggin, 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. C. Barbour
day of November, 19 35 Position Division Superintendent
Hate Wilson Alarid Representing Humble Oil & Refining Co.,
Notary Public. Company or Operator.
My commission expires 6-1-37

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	160	120	Sand and gravel
160	275	115	Hard sand and lime shells
275	550	275	Red rock
550	650	100	Sand
650	1170	520	Red rock
1170	1292	122	Anhydrite
1292	1390	98	Salt and anhydrite
1390	1410	20	Anhydrite
1410	1500	90	Salt
1500	1540	40	Anhydrite
1540	1584	44	Salt
1584	1690	106	Anhydrite
1690	1749	59	Salt and anhydrite
1749	1775	26	Anhydrite
1775	1875	100	Salt and shells
1875	1885	10	Anhydrite
1885	2027	142	Salt and shells
2027	2057	30	Anhydrite
2057	2157	100	Salt
2157	2270	113	Anhydrite
2270	2280	10	Salt
2280	2280	0	Salt and anhydrite
2280	2280	0	Salt
2280	2345	65	Anhydrite
2345	2365	20	Salt
2365	2389	24	Anhydrite
2389	2482	93	Salt
2482	2500	18	Anhydrite
2500	2632	132	Salt and anhydrite
2632	2642	10	Salt
2642	2670	28	Anhydrite
2670	3572	902	Lime
3572	3430	142	Plugged back (From 3572 to 3448 with 35 sacks cement and from 3448 to 3430' with 10 sacks cement.

Note: Well was treated on date of 10/16/35 with 1000 gallons of Dowell XX Acid. 1st hour's test after treatment showed 85 bbls. fluid, 30% water, thru 52/64" choke.

Well was treated on date of 11/5/35 with 2000 gallons of Chemical Process acid. 1st hour's test after treatment showed 30 bbls. fluid, 70% water, open flow thru tubing.