

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.

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Company Humble Oil & Refining Address Houston, Texas
 Send correspondence to Mr. F. C. Barbour Address P. O. Box W, Midland, Texas
E. C. Mosely Well No. 3 in SE 1/4 of Sec. 10, T. 24 South
R. 36 East, N. M. P. M., Cooper, N. M. Oil Field Lea County.
 If State land the oil and gas lease is No. _____ Assignment No. _____
 If patented land the owner is _____, Address _____
 The lessee is E. C. Mosely, Address Jel, New Mexico
 If not state or patented land, give status _____
 Drilling commenced 9/18, 19 35 Drilling was completed 10/15, 19 35
 Name of drilling contractor Loffland Bros., Address Tulsa, Oklahoma
 Elevation above sea level at top of casing 3366 feet.
 The information given is to be kept confidential until _____ 19 _____.

OIL SANDS OR ZONES

No. 1, from 3366' to 3600' 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>12 1/2"</u>	<u>80.00</u>	<u>8</u>	<u>L.W.</u>	<u>200</u>	<u>Tex-Pat</u>				
<u>7-5/8"</u>	<u>29.70</u>	<u>8</u>	<u>YOUNG'S</u>	<u>3141</u>	<u>HALLIBURTON</u>				
<u>5 1/2"</u>	<u>17.00</u>	<u>10</u>	<u>J&L</u>	<u>3511</u>	<u>HALLIBURTON</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>289</u>	<u>200</u>	<u>Halliburton</u>	<u>9.5</u>	<u>90 tons used in</u>
<u>7-5/8"</u>	<u>3159</u>	<u>775</u>	<u>"</u>	<u>10.2</u>	<u>well</u>
<u>5 1/2"</u>	<u>3528</u>	<u>100</u>	<u>"</u>	<u>10.5</u>	

PLUGS AND ADAPTERS

Halliburton Two-Stage Tool
 Heavy plug XXXXXX Length 2'8" Depth Set 1572'
 Adapters—Material _____ Size Tool set in 7-5/8" string. 310 sacks cement used below tool and 465 sacks above tool.

SHOOTING RECORD

SIZE	SHOOT USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT
<u>NOTE: 1 - 2" x 4-1/4" x 72" oil well canvas packer set at 3575'.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 3600 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 10/15, 19 35
 The production of the first 24 hours was 192 barrels of fluid of which 98.5 % was oil; _____ % emulsion; 1.5 % 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

Gus Everett, Driller C. C. Fielder, Driller
Joe Christerson, 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 22nd Name Al Benson
 day of October, 19 35 Position Division Superintendent
State Wilson Alarid Representing Humble Oil & Refining Company
 Notary Public. Company or Operator.
 My commission expires June 1, 1937

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	291	291	Clay and caliche
291	362	71	Red rock and sand
362	460	118	Red beds and sand
460	645	185	Red rock and shale
645	824	179	Red rock and shells
824	1011	187	Shale and shells
1011	1135	124	Red rock and shale
1135	1228	93	Red rock and shells
1228	1318	90	Shale and anhydrite
1318	1345	27	Red rock
1345	1363	18	Anhydrite
1363	1377	14	Shale
1377	1398	21	Broken anhydrite
1398	1480	82	Anhydrite
1398	1480	82	Anhydrite
1480	1553	73	Salt
1553	1600	47	Anhydrite
1600	1630	30	Salt
1630	1661	21	Anhydrite
1661	1778	127	Anhydrite and salt
1778	1850	72	Anhydrite and shells
1850	2600	750	Salt
2600	2633	33	Anhydrite
2633	2660	27	Salt
2660	2708	48	Anhydrite
2708	2803	95	Anhydrite and salt
2803	2855	52	Salt
2855	2870	15	Anhydrite
2870	2940	70	Salt
2940	2960	20	Anhydrite
2960	3072	112	Salt
3072	3120	48	Salt and anhydrite
3120	3157	37	Anhydrite
3157	3160	3	Brown lime
3160	3438	278	Lime
3438	3472	34	Broken, sandy lime
3472	3520	48	Lime
3520	3531	11	Sandy lime
3531	3600	69	Lime - Total Depth.

NOTE: Treated well with 1000 gallons of Dowell KX Acid on date of 10/15/35. Acid pumped into formation under 320# pressure. Started job at 9:30 P. M. 10/15/35. Finished 2:30 A.M. 10/16/35.