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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 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 McCombs, Texas
E. M. Cooper Well No. 1 in N 1/4 of Sec. 14, T. 24 No. 36 East, N. M. P. M., Jal, New Mexico Oil Field Loa County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is J. M. Cooper Address Jal, New Mexico
The lessee is Humble Oil & Refining Co. Address Houston, Texas
If not state or patented land, give status _____
Drilling commenced 7/3 19 35 Drilling was completed 8/8 19 35
Name of drilling contractor McCombs & Cleveland Address 7th North, Texas
Elevation above sea level at top of casing 3807 feet.
The information given is to be kept confidential until _____ 19 _____.

OIL SANDS OR ZONES

No. 1, from 3813' to 3827' 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>1 3/8"</u>	<u>62</u>	<u>8</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>1 1/2"</u>	<u>24</u>	<u>8</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>4 3/4"</u>	<u>16</u>	<u>10</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>2"</u>	<u>4.70</u>	<u>10</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>1 3/8"</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>1 1/2"</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>4 3/4"</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

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 _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 8/8 19 35
The production of the first 24 hours was _____ barrels of fluid of which 99.7 % was oil; _____ % emulsion; _____ % 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

Bob Houston R. A. Higgins
J. F. Goshen Driller Carl McCombs 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 15th day of August, 19 35 Nam [Signature]
Position Assist. Division Sup't.
Not. Wilson Clark Representing Humble Oil & Refining Company
UPTON COUNTY Notary Public. Company or Operator.
My commission expires June 1, 1937

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	118	118	Sand and gravel
118	290	182	Sand, rock and gravel
290	380	110	Red rock
380	618	238	Red rock and hard sand
618	778	170	Red rock
778	888	117	Hard sand
888	1028	150	Red rock
1028	1234	206	Sand and red rock
1234	1370	136	Anhydrite
1370	1440	70	Salt
1440	1488	48	Anhydrite
1488	1670	182	Salt and anhydrite
1670	1738	68	Anhydrite
1738	1800	62	Salt
1800	1900	100	Anhydrite
1900	2121	221	Salt
2121	2180	59	Anhydrite
2180	2347	167	Salt
2347	2400	53	Anhydrite
2400	2422	22	Salt
2422	2511	89	Anhydrite
2511	2541	30	Salt
2541	2585	44	Anhydrite
2585	2600	15	Salt
2600	2714	34	Anhydrite
2714	2815	101	Salt
2815	2860	35	Anhydrite
2860	2887	7	Brown lime
2887	2930	43	Lime
2930	2980	50	Brown lime
2980	3075	95	Sand, show gas
3075	3187	112	Hard lime
3187	3327	140	Lime.

NOTE: 7" casing parted at 1300'.
This amount plus 52' was pulled -
total of 1352'. 1 3/4" was run back
into hole with 10-1/4" American
overshot.