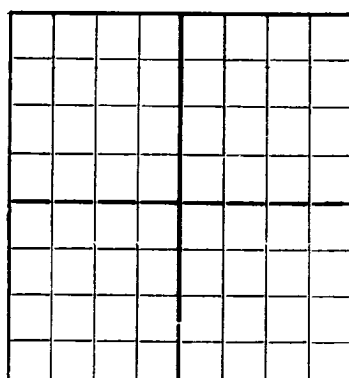


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AUG 27 1951
Oil Cons. Comm.
Artesia OfficeAREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Olen F. Featherstone State _____
Company or Operator _____ Lease _____
Well No. **4** in **SE 1/4** of Sec. **18**, T. **19S**
R. **28E**, N. M. P. M., Field, **Wildcat** **Eddy** County.
Well is **4620** feet south of the North line and **3300** feet west of the East line of **Sec. 18**
If State land the oil and gas lease is No. **B-9189** Assignment No. _____
If patented land the owner is _____, Address _____
If Government land the permittee is _____, Address _____
The Lessee is _____, Address _____
Drilling commenced **June 9, 1951** 19____. Drilling was completed **Aug. 14, 1951** 19____
Name of drilling contractor **Larney & Co.**, Address **Artesia, N. Mex.**
Elevation above sea level at top of casing _____ feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from **1880** to **1887'** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **315** to **320'** feet. _____
No. 2, from _____ to _____ feet. _____
No. 3, from _____ to _____ feet. _____
No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
8 5/8	24#	8 rd	J&L	414'	Common			
5 1/2"	17#	8 rd	Wt. 1	1865'	Common			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 5/8	484'				10 sacks aquagel
8	5 1/2"	1865'	50			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Acid	1000 Gal	Aug. 10th	1880-87	1895'

Results of shooting or chemical treatment **Increased from 3-4 bbls of oil per day to 17 bbls of oil/day on bailer test.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from **0** feet to **2733'** feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing **Aug. 24th, 1951** 19____
The production of the first 24 hours was **10** barrels of fluid of which **100** % 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. **800#**

EMPLOYEES

W. M. Vandagriff, Driller _____, Driller _____
B. R. Vandagriff, 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 **27th** _____ **Artesia, N. Mex.** **Aug. 27, 1951**
day of **August** 19**51**, 19____ Name **Harold Kersey**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Caliche
10	65	55	Sand & Caliche
65	140	75	Sand & Gravel
140	165	25	Sand
165	185	20	Red Beds & Gyp
185	200	15	Anhy
200	305	105	Red Beds & Anhy
305	955	650	Anhy - Water at 320'
955	978	23	Brown Lime
978	1265	287	Lime
1265	1272	7	Red Sand
1272	1441	169	Anhy & Lime
1441	1460	19	Red Sand
1460	1565	105	Lime & Anhy
1565	1584	19	Sand - light show of gas at 1565'
1584	1657	73	Anhy & Lime
1657	1669	12	Red Sand - Gas at 1660'
1669	1695	26	Anhy & Lime
1695	1852	157	Lime
1852	1876	24	Sandy Lime - light show OIL at 1852-68
1876	1883	7	" " - Free OIL tested 11 gallons/hour
1883	2031	148	Sandy Lime
2031	2043	12	White Lime
2043	2093	50	Lime
2093	2103	10	Coarse Gray Sand
2103	2174	71	Sandy Lime
2174	2191	17	Gray Sand
2191	2219	28	Sandy Lime
2219	2733	514	White Lime

Well was plugged back from 2733 to 1895'
in order to acidize between 1880-87'