

File by Baker

3891

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES LOCATE WELL CORRECTLY

Hightower-Pottorff Company or Operator

212 Ward Bldg. Artesia, N.M. Address

Pottorff Well No. 1X in SW 1/4 SW 1/4 Sec. 19 T. 17

R. 28 N. M. P. M., Red Lake Field, Eddy County.

Well is 4930 feet south of the North line and 4970 feet west of the East line of Sec. 19

If State land the oil and gas lease is No. 703 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is S. O. Pottorff Address Artesia, N.M.

Drilling commenced 1-17-44 Drilling was completed Feb. 3-44

Name of drilling contractor Earl Hightower Address Artesia, N.M.

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 395 to 401 gas No. 4, from to

No. 2, from 470 to 475 oil 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 97 to 103 feet. 16 6

No. 2, from 180 to 200 feet. 20

No. 3, from 280 to 296 feet. 16

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
7"	18	10		450	Texas				water

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8"	7"	450	20	West Texas	Heavy	to surface

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
500 gal	acid			3-10-44	475	485

Results of shooting or chemical treatment well has not been tested as pump being repaired

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 feet to feet, and from feet to feet

0 485 PRODUCTION

Put to producing 19

The production of the first 24 hours was barrels of fluid of which % 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

Payton Black Driller 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 15 Artesia n.m. 3-15-44 Place Date

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	caliche & soil
10	42	32	caliche & red bed
42	70	28	anhydrite & red bed
70	97	27	blue shale, red bed
97	103	6	water sand
103	110	7	red bed
110	130	20	anhydrite & red bed
130	180	50	anhydrite
180	200	20	red bed, water sand
200	240	40	blue shale anhydrite
240	280	40	blue shale, red bed, salt
280	296	16	salt, red bed, water
296	365	69	anhydrite red bed
365	401	35	anhydrite, blue shale show of gas
401	470	69	anhydrite
470	485	15	anhydrite, show of oil sand.