

Well No. 0-3 Lease Houston Sec. 9 Township 27 Range 18-E

Location 300' S of N line, 700' E of County Wabash State Kansas  
Center line

Date Completed May 20, 1953 Drilling Contractor Carl Bernd

Casing 10" at 30' Casing 8" at 195' Casing 7" at 565'

Original T.D. 740.0' Cored 702.5' to 736.1' T.O.S. 709.2'

B.O.S. 738.0' Net Feet of Pay 21.7 Plug Back 737.6'

Cement On Packer 13 sacks Seating Nipple 10'6" below packer

Packer 713.0' Kind Rag Size 4 7/8

Tubing \_\_\_\_\_ Liner \_\_\_\_\_ Anchor Below Packer \_\_\_\_\_

1" Tubing \_\_\_\_\_ Rods \_\_\_\_\_ Pony Packer \_\_\_\_\_

Barrel \_\_\_\_\_ Kind \_\_\_\_\_ Size \_\_\_\_\_

Type Unit Churchill Motor 2 hp Well Power \_\_\_\_\_

Initial Production: BOPD 1.0 MFPD 0 Bbls. Total Fluid 1.0

#### Method of Completion:

Commenced coring at 702.5', finished coring at 736.1'. Drilled down to 740.0' plugged back to 737.6' with 150 lbs. lead wool put in wire baskets capped with tin. Plain tubing run in with 10'6" below packer. Seating nipple on bottom of 2 inch, packer ran with 10 gunny sacks on it. Packer set at 713.0' SLM., small pail rock dumped on packer for fill up. 13 sacks 1 day cement on packer.

Well made 2 bailers water in hour test. Small showing of oil 5-21-53.

12-3-53 Well sand frac by Halliburton. Breakdown pressure 1500, 100.23 bbls. oil used for bait, popping agent 4000lbs.

#### Work Over Operations and Remarks:

Feb. 25, 1955 - Pull out insert bbl. and ran in McGregor bbl.

July 21, 1955 - Pull out 1" & McGregor Barrel & ran Back 1" with reconditioned McGregor barrel.

Oct. 15, 1955 - Washed out well.

Dec 19, 20, 21, 1955 Pulled out 1 inch took off working barrel, ran 1 inch back and set on bottom for guide - unscrewed 518.1' of 2" plain pipe, replaced with new 2 inch 10 round thread 4.6 lbs. tubing, exchange collar on bottom. Washed well with 1 inch - pulled out and put on rebuilt McGregor barrel and put to pumping - saw 4 holes. Had to wash out cavings in big hole beside 2".

Feb. 23, 1956 - 1" parted - pulled 10 joints - ran tap, picked up and pulled rest of pipe. Changed insert barrel, 2 collars and 21' of 1". Ran a snap down packer under barrel.

Feb. 27, 1956 - Pulled 1" and couldn't find anything wrong - tighten collars, tighten cups in barrel and checked ball and seat. Ran 1" and insert barrel back in.

Feb. 29, 1956 - Ran plate and rag packer, 5 gals. rock and 2 sack Calseal, packer set 1 jt from top of hole.

Mar. 1, 1956 - Pulled 1" - took off snap down packer and insert barrel - Ran 1" back with rebuilt McGregor barrel.

March 30, 1956 - Pulled 17 joints of 1" - found one hole and thread leak in 17th joint. Changed one joint of 1" - ran rest of pipe back in well.

May 28, 1956 - Pulled 1" pipe - replaced with new extra heavy 1" - pulled all collars put Xpando on collars and put collars back on pipe. Ran in 1" with rebuilt insert barrel, rebuilt 1 x 2 eccentric packer - packer set at 713'. 3/4 to 1 Swedge perforated 1" under eccentric packer. 23' of 1" for anchor below packer - setting on bottom.

June 19, 1956 - Pulled 1" and insert barrel - ran in 1" with rebuilt 6' barrel and eccentric packer on barrel.

June 21, 1956 - Pulled 12' and insert barrel 1/2 reran 1" with rebuilt insert bbl. - rebuilt eccentric packer on bbl. Ran 23' of 1" for anchor bottom of valve.

July 23, 1956 - Pipe was parted-pulled 1" and replaced 8' of 1" used pipe - reran down 2 joints and put to pumping.

August 7, 1956 - Pulled 1" pipe with eccentric packer - replaced 10' barrel with 6' barrel #4.

August 8, 1956 - Reset eccentric packer.

August 11, 1956 - Pulled 1" pipe with eccentric packer and insert barrel - re-rubbered eccentric packer - 27'2" of pipe below the packer. Run back the same barrel with 1" pipe.

Nov. 16, 1956 - Pulled out the 1" pipe with an eccentric packer.

Nov. 17, 1956 - Run 1" pipe back in with a rebuilt insert barrel and an eccentric packer.

Nov. 24, 1956 - Rigged up and tightened the packer up 21 rounds and put to pumping.

Nov. 26, 1956 - Pulled 1" pipe, cleaned up barrel and rerubbered the Ecc. packer. Replaced 3 joints of 1" pipe (58' used), run the 1" pipe back in.

Feb. 12, 1957 - Pulled 1 joint of 1" pipe, pipe parted. Put on tap and hooked up 1" pipe and pulled the eccentric packer up two joints and replaced broken joint of 1" pipe (21.0 ft.). Worked packer back down and reset it and put the well to pumping.

Feb. 25, 1957 - Pulled the 1" pipe with insert barrel and eccentric packer. Run back 693.0 ft. of new 1" pipe with a rebuilt insert barrel and mech. holddown. The holddown had a rubber packer on it to shut off a leak in the tubing. Set the Mech. Holddown at 700.0 ft. and put to pump.

March 14, 1957 - Pulled the 1" pipe with insert barrel and mechanical hold down. Ran back a rebuilt 6 ft. insert barrel with a mechanical holddown equipped with a rubber packer and the 1" pipe. Set the holddown and put the well to pumping. There is 21 ft of 3/4" pipe on the bottom of the holddown.

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Dec. 3, 1957 - Pulled the 1" pipe, barrel and BMW holddown. Removed the barrel and holddown. Run the 1" pipe back with a pony packer and two joints of 1" pipe below the packer for anchor. Perforation just below the packer. Hooked the well up to flow through the 1" pipe.