

History of Oil or Gas Well

C. E. Penry NCT-4 Well No. 4 Justis McKee and Justis Ellenburger Field

Spudded 17 1/2" Hole 7:00 P.M. October 10, 1959. Ran 1652' of 13 3/8" O.D. Casing and cemented at 880' with 150 Sx. Tested o.k. Job complete 10:30 A.M. 10-17-59.

Ran 3431' of 9 5/8" O.D. Casing and cemented at 3441' with 1700 Sx. Tested o.k. Job complete 11:30 A.M. 10-26-59.

DST No. 1 - From 4710' to 4944', tool open 1 1/2 hrs. with fair blow thru out test. Recovered 220' SO & GCDM. 30-MISI-501, 30-MFSI-501, IF-2287, HO-2287. IF-146, FF-209. Job complete 2:30 P.M. 11-1-59.

DST No. 2 - From 4960' to 5145', tool open 1 1/2 hrs. with fair blow air. Gas to surface in 1 hr. and continued throughout test. Heavy 225 Gas, TSM. Recovered 280' HOGCDM and 10' free oil. 34.8 Gravity. 30-MISI-940, IF-160, FF-215, 30-MFSI-705, HI-2360, HO-2350. Job complete 7:30 P.M. 11-2-59.

DST No. 3 - From 6040' to 6381', tool open 2 hrs. with fair blow air. Gts 15 min, TSM. Recovered 270' HOGCDM with Trace Oil and 710' Quality Sulphur ctr. 30-MISI-2100, IF-360, FF-620, 30-MFSI-1370, HI-3010, HO-3000. Job complete 11:40 A.M. 11-10-59.

DST No. 4 - From 6850' to 6935', tool open 2 hrs. with fair blow air increasing to fair blow in 20 min. continue throughout test. No gas or fluid to surface. Recovered 220' DM and 1350' SW. NS. 30-MISI-3020, IF-340, FF-800, 30-MFSI-2995, HI-3275, HO-3225. Job complete 3:00 P.M. 11-16-59.

DST No. 5 - From 7040' to 7108', tool open 2 hrs. 15 min. with fair blow air. Gts. 8 min. continue throughout test. Gas volume 123,000 Cu. ft. per day. Recovered 1000' free oil, 38.5 Gravity, and 1500' HO & GCDM and 10' SW. 30-MISI-2730, IF-255, FF-540, 30-MFSI-2135, HI and HO-3320. Job complete 2:45 P.M. 11-19-59.

DST No. 6 - From 7110' to 7137', Mis-run.

DST No. 7 - From 7126' to 7137', tool open 2 hrs. Gts. 1 min., mud 23 min., oil 28 min., flow 39 BO to test tank. No wtr. 43.6 Gravity, Gas volume 544,000 Cu. ft. per day. 30-MISI-2750, IF-685, FF-800, 30-MFSI-2705, HI and HO-3415. Job complete 11:15 A.M. 11-21-59.

DST No. 8 - From 7800' to 7890', tool open 2 1/2 hrs. with strong blow air. Gts. in 30 min. Flowed to pits 8 min. test 2 hrs. 22 BO 1st hr. and 26 BO 2nd hr. Reverse out 16 BO Total recovered 64 BO. Gas volume 715 BO per day. 44.3 Gravity, 30-MISI-2895, IF-600, FF-1038, 30-MFSI-2515, HI and HO-3860. Job complete 5:15 P.M. 11-28-59. Run logs 11-28-59.

(Justis Ellenburger Zone)

Ran 7856' of 7" O.D. Casing and cemented at 7867' with 100 Sx. Tested o.k. Job complete 4:30 A.M. December 3, 1959. Open hole from 7856' to 7894'. Ran log to check cement top at 3250'. Acidize open hole with 100 Gals. Regular 15% Acid, at 3 BPM. (Justis Ellenburger Zone) Ran 7850' 2 1/2" tubing and set at 7770'.

(Justis McKee Zone)

Perforate 7" O.D. Casing with 2 jet shots per ft. from 7110' to 7161', 7183' to 7188', 7214' to 7231', 7233' to 7238', and 7251' to 7256'. Acidize with 500 Gals. Regular 15% Acid, at 3 BPM. (Justis McKee Zone) Ran 7130' of 2 1/2" tubing and set at 7146'. Run Facker Leakage Test. No gas or FT well flowed 105 BO and no wtr. thru 11/64" choke. Gravity 43.0, Gas 100%, Test ending 11:50 A.M. December 15, 1959. Top of Pay 7145', Btm. of Pay 7894', NMCC Date-December 2, 1959, TEXACO Inc. Date-December 15, 1959.

(Justis Ellenburger Zone)

On 9 Hr. PT Ellenburger Zone flowed 128 BO and no wtr. thru 20/64" choke ending 7:30 P.M. December 16, 1959. Gor 1227, Gravity 46, Gas 100%, Pay 7867', Btm. of Pay 7894', NMCC Date December 2, 1959, TEXACO Inc. Date-December 16, 1959.