

J. M. Denton et al, Well No. 3 - Denton-Devonian Pool

Core No. 17, coring in Devonian Lime from 11,826' to 11,873', 47' in 16 hrs. Recovered 34', very highly fractured dolomite, all bleeding oil & gas, fairly good porosity. The core was very mushy there were several places it could not be measured.

Core No. 18, coring in Devonian Lime from 11,874' to 11,924', cut and recovered 50' grey dolomite highly fractured, fair to good porosity, good odor, bleeding oil and gas thru out. Coring time 12 hrs. and 25 min.

Core No. 19, coring in Devonian Lime from 11,925' to 11,955', cut 30', recovered 30' in 10½ hrs. highly fractured grey dolomite, bleeding oil and gas thru out. Upper 24' grey dolomite, fractured, good odor thru out, fair porosity, scattered bleeding oil and gas. Bottom 6' cherty grey dolomite, high fractured, good odor thru out, slight porosity, scattered bleeding oil and gas, approx. 25% of last 5' was chert.

Core No. 20, coring in Devonian Lime from 11,955' to 12,005', 50' in 11 hrs. Recovered 50' excellent vuggy porosity with bleeding oil & gas thru out.

Core No. 21, coring in Devonian Dolomite from 12,006' to 12,056', 50' in 16½ hrs. Recovered 50' of Devonian Dolomite and shale, 12,006' - 18' (12'), brown coarsely crystalline dolomite, fracture slight to good porosity, bleeding oil & gas. 12,018' - 22' (4'), barren dense dolomite. 12,022' - 39' (17'), brown coarsely xylm dolo. fractured, fair to good vuggy porosity, bleeding. 12,039' - 41' (2'), barren dense dolomite. 12,041' - 45' (4'), grey green shale. 12,045' - 56' (11'), dark brown, finely xylm dense dolomite, slight fractured, slight bleeding.

Core No. 22, coring in Devonian Dolomite from 12,055' to 12,103', Recovered 41½' of dense dark fine grained crystalline dolomite. About 26% (11') indicate fracturing and was bleeding oil and gas.

Core No. 23, coring in Devonian Dolomite from 12,104' to 12,112', 8' in 5 hrs. & 50 min. Recovered 7' of finely crystalline formation, first 2' dense viscolate dolomite, bleeding gas and oil. Bottom 5' dense lime fractured and barren.

DST No. 1 testing from 11,131' to 11,228', 5/8" BHC & 1" top choke. No gas to surface, tool open 2½ hrs., recovered 2000' water cushion plus 713' of oil & gas cut mud. Flowing pressure 1050#, hydrostatic pressure 5400#. Shut in for 15 min, no build up.

DST No. 2, testing from 11,123 to 11,276' packer failed to hold.

DST No. 3, testing from 11,130' to 11,279', tool open 4½ hrs., 1000' water cushion, 5/8" BHC & 1" top choke. Gas to surface in 50 min., no oil flow. Closed tool.

DST No. 4, testing from 11,274' to 11,405', 2 packers - top packer at 11,267', bottom packer at 11,274', 1000' water cushion, tool open 120 min., gas to surface in 50 min., good blow no flow. Recovered 150' free oil, 420' heavy gas cut water blanket, 210' heavy gas cut mud, 720' heavy oil & gas cut mud. Flowing pressure 775#, hydrostatic pressure 5600#. , shut in for 15 min. 4500#. 5/8" BHC & 1" top choke.

DST NO. 5, testing from 11,399' to 11,535', tool open 3 hrs and 25 min., 5/8" BHC and 1" top choke, 1000' water cushion, gas to surface in 30 min., water cushion in 1 hrs. 25 min., oil in 1 hr. & 10 min., flowed 60 bbls. oil in 1 hr. Gty 46.1 @ 60, GOR 945:1. BHFP 2850#, Shut in 15 min. 4475#, hydrostatic press. 5300#.

1. The first part of the report is devoted to the

description of the experimental setup and the results of the measurements. The second part is devoted to the analysis of the results and the discussion of the results.

2. The third part of the report is devoted to the description of the experimental setup and the results of the measurements. The fourth part is devoted to the analysis of the results and the discussion of the results.

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4. The seventh part of the report is devoted to the description of the experimental setup and the results of the measurements. The eighth part is devoted to the analysis of the results and the discussion of the results.

5. The ninth part of the report is devoted to the description of the experimental setup and the results of the measurements. The tenth part is devoted to the analysis of the results and the discussion of the results.

6. The eleventh part of the report is devoted to the description of the experimental setup and the results of the measurements. The twelfth part is devoted to the analysis of the results and the discussion of the results.

7. The thirteenth part of the report is devoted to the description of the experimental setup and the results of the measurements. The fourteenth part is devoted to the analysis of the results and the discussion of the results.

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9. The seventeenth part of the report is devoted to the description of the experimental setup and the results of the measurements. The eighteenth part is devoted to the analysis of the results and the discussion of the results.

10. The nineteenth part of the report is devoted to the description of the experimental setup and the results of the measurements. The twentieth part is devoted to the analysis of the results and the discussion of the results.

11. The twenty-first part of the report is devoted to the description of the experimental setup and the results of the measurements. The twenty-second part is devoted to the analysis of the results and the discussion of the results.

12. The twenty-third part of the report is devoted to the description of the experimental setup and the results of the measurements. The twenty-fourth part is devoted to the analysis of the results and the discussion of the results.