

Attachment for: TD Pope Well #6 - Denton Devonian

12/28/66 of gas, L hr sw 5 bbls, S/O 4% AW. Lack 25 BLO + 49 BAW to rec. D.C.C.
12/29/66 Swab 25 BLO + 31 BNO + 5 BAW/12hrs, 1000' FIH, fr sh of gas, 11 3/4" AM '67
L hr sw 5 bbls, S/O 4% AW, SI 12 hrs, TP 75, CP 400. Lack 44 BAW to rec.
12/30/66 Sw 44 BNO + 1 BAW/10 hrs, 1000' FIH gd sh of gas, L hr sw 5 bbls,
S/O 1% AW, prep to acidize next zone. Lack 43 BAW to rec.
12/31/66 Reset BP @ 12,560, pkr @ 12,470, Cardinal Chemical Co. pumped 42 bbls
treated oil down tbg, TP 0-3000, held pressure 1 hr, no break - swab
46 BLO/3 hrs, sw dry/1 hr.
1/1/67 Cardinal acidized Dev perfs 12,499-545 w/ 500 gal 15% NE acid, BDTP
2900, TP 3000, rate .6 BPM, ISIP 2900, then swab 48 BLO + 8 BAW/8 hrs,
300' FIH.
1/2/67 Cardinal acidized w/ 3000 gal MEC acid, BDTP 2400, TTP 1000, rate 6.2
BPM, ISIP vac, then swab 12 BLO + 8 BAW/6 1/2 hrs, 500' FIH, L hr sw 3
bbl fluid, S/O 85% AW.
1/4/67 Sw 7 BNO/2 hrs, 100' FIH, then Cardinal Chemical Co acidized perfs
w/ 3000 gal 15% MEC acid, TTP 1000-1900 to vac, rate 2.1 BPM, ISIP 200,
swab 50 BLO + 17 BNO + 26 BAW/19 hrs, 1000' FIH, sl sh of gas, L hr sw
3 bbls, S/O 20% AW. Lack 46 BAW to rec.
1/5/67 Swab 48 BNO + 12 BAW/10 hrs, last hr swab 5 bbls, S/O 8% BS & 2% wtr,
Lack 34 BAW to rec.
1/6/67 Bled off csg pressure, SD because of high wind.
1/7/67 Reset BP @ 12,470, pulled tbg & RTTS pkr, left part of 1 slip in hole,
rerun new RTTS pkr, set @ 12,350. Cardinal Chemical Co. treated Dev.
perfs 12,370-443 w/ 48 B T oil + 3000 gal 7 1/2% MEC NE acid, BDTP 2000#,
TTP 1800#, rate .9 BPM, ISIP o, 1 min on Vac., then swabbed 48 BLO +
45 BNO + 27 BAW in 34 hrs, 800' FIH sl show of gas, last hour swabbed
3 bbls S/O 12% AW, cont to test.
1/9/67 Bled off casing pressure, unseated RTTS pkr, ret BP, pulled tbg, RTTS
pkr & BP, rec. slip left in hole off RTTS pkr, rerun tbg w/new pkr &
BP, set BP @ 12,350, pkr @ 12,200 then Cardinal Chemical Co. treated
Devonian perfs 12,235-299 w/ 48 BT oil + 3000 gal 7 1/2% MEC acid BDTP Vac.,
TTP 500#, rate 6.0 BPM, ISIP-Vac., then swab 40 BLO + 15 BAW in 11 1/2 hrs,
1000' FIH, sl show of gas, last hour swab 5 bbls S/O, 20% AW.
1/10/67 Swab 56 BLO + 12 BNO + 20 BAW in 23 hrs, 900' FIH sl show of gas,
last hour swab 4 bbls. S/O 6% AW, prep to move up to treat top set of
perfs.
1/11/67 Reset BP @ 12,200' & pkr @ 12,050'. Cardinal Chemical then treated
Dev. perfs @ 12,096-160 w/ 48 BTO + 3000 gal 7 1/2% MEC NE acid, BDTP
Vac, TTP 600#, rate 5.4 BPM, ISIP-0, then swab 60 BLO + 19 BAW in 18
hrs, 1000' FIH, sl show of gas, last hr sw 5 bbls. S/O 40% AW.
1/12/67 Swab 45 BNO + 15 BAW in 12 hrs, 1000' FIH, fr sh of gas, last hour
swab 5 bbls S/O 2% AW + 20% BS, prep to complete.
1/13/67 Swab 17 BNO + 8 BAW/5 hrs, 1000' FIH, fr sh of gas, L hr swab 5 bbls,
S/O 35% emulsion, ret BP & pulled tbg, RTTS Pkr & BP. Prep to run gas
lift valves & complete.
1/14/67 Ran 3 1/2 FJ gas chamber to 12,531, 5 1/2 Guib I30 pkr set @ 12,077 on 2-3/8
tbg @ 12,077 w/ 8 gas lift vlvs, remove BOP inst wlhd, rel X-pert DD Unit.
1/15/67 Testing
1/16/67 Testing
1/17/67 Testing Gas lift valves not working properly. Lack 241 BAW
1/18/67 No Prod. Gas lift valves are stuck open & cycling gas Lack 241 BAW
1/19/67 Put 25 BFW containing 10 gal detergent down csg, gas lift started
working. Lack 241 BAW to Rec.
1/20/67 Testing Lack 221 BAW to Rec.
1/21/67 thru 2/17/67 - Testing - All AW Recovered
Prod. before: GL 45 BOPD + 40 Water
Prod. after : 60 Oil + 30 Water + 93 MCF