

9/29/76

6050 TD, 6008 PBDT.

Howco acidize perfs 5746-5886 3000 gals 15% NE HCl + 75 RCNBS, TTP 1200-2800 @ 12 BPM, good ball action but did not ball off, ran Schl 3-3/4 GR to 5900, knocked off RCNBS, Howco frac lower Mesa Verde perfs 5746-5886 down 4-1/2 csg w/146,500 gals of Versagel + 467,000# 20-40 sd in 3 stages @ 50 BPM, dropped 12 RCN, after 1st stage TCP 1300-1800, dropped 10 RCNBS after 2nd stage TCP 1800-2400, ISIP 600, 10 min 400. - 3705 BLW.

9/30/76

6050 TD, 6008 PBDT.

SI 13 hrs vac, ran 4-1/2" RBP on sd line set @ 5345, PU tbq catch RBP @ 5345 & reset @ 5700, test csg to 3500 OK, POH, SDFN.

10/1/76

6050 TD, 6008 PBDT, Mesa Verde 5746-5886.

Schl perf Middle Mesa Verde w/1 JSPF as follows:

5004, 06, 10, 5512, 14, 16, 18, 36, 38, 40, 78, 80, 82, 84, 86, 88, 90, 92, 5620, 22, 5624, 52, 54, 56

total 24, Howco acidize perfs 5504-5656 down 4-1/2" =

csg w/3000 gals 15% NE HCl + 48 RCNBS TCP 1500-3500 @ 17 BPM, had ball out, Schl ran 3-3/4" GR to 5660 to remove balls, Howco frac down 5-1/2 csg w/118,000 gals versa-gel + 378,000# 20-40 sd + 6 RCNBS, TCP 2600-3350 @ 50 BPM ISIP 1100 10 min 800.

10/1/76 (Contd)

10/2/76

6050 TD, 6008 PBDT, Mesa Verde 5504-5886.

SI 14 hrs 400 psi on csg, ran RBP on WL to 5490 test to 3500 psi OK, Schl perf Upper Mesa Verde w/1 JSPF as follows 5384, 86, 88, 94, 96, 5405, 06, 08, 20, 22, 24, 26, 52, 54, 56, 58, 60 total 17 holes, perf 1st hole @ 5384 press inc to 400 psi, comm w/Middle Mesa Verde, Howco frac perfs 5384-5460 down 4-1/2 csg w/ 2500 gals 15% NE HCl + 58,500 gals versa gel + 19,7000# 20-40 sd, TCP 2800-3500 @ 50 BPM, ISIP 950, 600 in 10 min.

10/6/76

6050 TD, 6008 PBDT, Mesa Verde 5476-5886.

Ran 2-3/8 OE to 5355 SN @ 5354, ins tree, rel Aztec Well Serv @ 3:00 PM, 10/4/76.

10/7/76

6050 TD, 6008 PBDT, Mesa Verde 5476-5886.

MIRU Drake swab unit 10/6/76, sw 104 BLW/4 hrs, FL 1500' LH rec 26 BLW, no show. - 6900 BLW.

11/18/76

6050 TD, 6008 PBDT, Mesa Verde 5476-5886.

Nine day SITP = 989#, CP 989.

NMOCC POT TEST: F 3 BNO + 0 Wtr/3 hrs, 3/4" ck,

GV 3.0 MMCFPD, TP 385, CP 611, Oil Gvty 65.8 @ 60°, CAOF 4.4 MMCFPD, completed 10/4/76.

FINAL REPORT.