

E. C. Hill 'B' Federal #13  
LC 064118  
30-025-32962  
947' FSL & 1361' FEL (SHL)  
1120' FSL & 1380' FEL (BHL)  
Sec 34, T23S, R37E, Unit O  
Teague Simpson  
Lea Co., NM  
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06-22-95 Set 5-1/2" csg as follows: 1 5-1/2" float shoe (.90'), 1 5-1/2" 17# N-80 LTC (43.71'), 1 5-1/2" float collar (1.20'), 12 5-1/2" 17# N-80 LTC (528.35'), 50 5-1/2" 17# J-55 LTC (2215.07'), 21 5-1/2" 15.5# LTC (945.85'), 1 5-1/2" DV tool (2.15'), 109 5-1/2" 15.5# LTC (4875.45'), 25 5-1/2" 17# J-55 LTC (1124.49'), total pipe ran 9737.17', set & cmt'd @ 9734, (6' off bottom). Ran 20 centralizers, 1 in middle of 1st & 2nd joint, then every collar. Ran one (1) centralizer & cmt basket above & below DV tool. Marker jt 9138.74' - 9159.84', DV tool 5996.77' - 5998.92', float collar 9688.19'. RU Western/BJ, cmt w/1000 gal WMW-1 flush, 5 BBFW, 1000 gal Surebond, 5 BFW, 100 sx Pacesetter Lite (C), 6% gel + 9#/sk salt + .2% AF-11 + .8% CF-14 + .25#/sx Cello-seal mixed @ 11.49 ppg, 350 sx Pacesetter Lite (C), 6% gel + 9#/sk salt + 2% AF-11 + .8% CF-14 + .25#/sk Cello-Seal mixed @ 12.67 ppg. Tail w/250 sx Class 'C' + 5#/sk CSE, 2#/sk Micro Seal + .8% CF20 + .1% TF Plus 500 mixed @ 14.4 ppg. Displace w/90 BFW 2% KCl 139 BBL mud at 9 BPM 1100 psi. Did not bump plug @ 3:30 a.m. w/1600 psi. Floats held OK. Drop bomb. Open DV tool w/850 psi. Circ 2-1/2 hrs between stages. Circ'd 160 sx on DV tool to surface. Cmt 2nd stage w/300 sx Pacesetter Lite (C) + 6% GEL + 5#/sk salt + .25#/sk celloseal mixed @ 12.5 ppg. Tail w/350 sx Class 'C' + 5#/sk CSE + 2#/sk Micro Seal + .8% CF20 + .1% TF Plus 500 mixed @ 14.4 ppg. Displace w/145 BFW 2% KCl @ 8 BPM 1550 psi. Bump plug/close DV tool w/3300 psi @ 8:30 a.m. 06/23/95. Set slips w/130,000# full string weight. Rig released @ 4:00 p.m. 06-23-95. TIH w/DP 4 hrs, circ/wash 3 hrs, LD DP 6-3/4 hrs, RU run csg 5-3/4 hrs, RU BJW/cmt/circ 7 hrs, ND BOP set slips 3 hrs, clean mud pits release rig 4-1/2 hrs. BLM was notified. No representative was present. Waiting on Completion.

06-30-95 MIRU Ram Well Service. RIH w/4-3/4" mill tooth bit, six 3-1/8" drill collars, and 2-7/8" tubing. TIH to 6002', tag DV, pressure test casing to 1000# psi, casing tests good. Drill out DV tool, TIH to 9560', tag cement. Drill out to 9688', test casing again, tests good. Circulate well clean, RD OFR, start out of hole. SION.

07-01-95 LD drill collars. RU wedge. RIH w/CBL-CCL-GR, log from PBTD (9686') to 8600', & 6000' to 4600', w/1000 psi. Find top of cmt @ approximately 3200'. POOH w/logging tool. PU 3-1/8" select fire csg gun w/.38" holes, 2 per foot. 180 phasing. RIH & perf Middle McKee Sand as directed. 9537', 9535', 9533', 9531', 9523', 9521', 9519', 9517' (16 holes total). Also perf Upper McKee Sand as directed. 9485', 9483', 9481', 9477', 9475' (10 holes). POOH w/Wedge. RD same. RU Monk testers, PU 2-7/8" x 5-1/2" Whitaker treating packer, test tbgs below slips to 6000 psi. Test to 9550'.

07-02-95 Spot acid (1/2 bbl) across perfs, PU to 9500'. Open bypass, spot acid to pkr. Shut bypass, break down perfs w/2900 psi, pump 16 bbl acid into perfs, formation communicates (was pumping @ 2 BPM & 2600 psi). PU to 9400', reverse acid to surface, set pkr & wait on acid. (1000 GAL 7-1/2% BDA). Start on acid, dropping 45 ball sealers. Avg rate 4 BPM, avg psi 2600. Pressure increase from 2400 psi to 2800 psi. 150 psi ball action ISIP 1940 psi, 5 min-1295 psi, 10 min-860 psi, 15 min-500 psi. RU swab, IFL-3200' from surface, FFL 8900' from surface, recovered 81 bbls acid water. Leave well open to frac tank.

07-07-95 Continue to PU & RIH w/ 3-1/2" Mutha Hubbard, XO, SN, 1 jt 2-7/8" J-55 6.4# tbgs, TAC, 254 jts 2-7/8" J-55 6.4# tbgs, ND BOP, set TAC 20 pts tension @ 7965', NU WH. PU 25-150 RHBC 24-6 pump, 12 1" KD morg rods, 28 3/4" morg rods, 83 3/4" sucker rods, 95 7/8" sucker rods, 92 1" sucker rods, 3 1"-8'-6'-4' pony rods, 1-1/2" polish rods w/16' liner. EOT 8031.75', SN 7998.65', TAC 7965.80' set w/20K tension. Space out.

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AUG 10 1965  
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