

ATTACHMENT for 9-331, Little Box Canyon Unit #1, dated 6/21/79.

TD 8350', PBTD 7290', Morrow 7986' - 8142' (P&A), Strawn 7342' - 7346' (P&A), Cisco LS 5864' - 6089'.

MIRU PU. Killed well. ND Tree. NU BOP Circ hole w/2% KCl wtr. POOH w/tbg. RU jet perf'd 2 0.46" sqz. holes @ 6089' & 2 @ 5864' using 4" Hyperjet II csg gun w/23.07" penetration. Set retainer @ 6070'. RIH w/seal assembly. Tagged retainer. Loaded annulus. Could not PIF @ 2700#. POOH. RIH w/RTTS on tbg & set @ 5739'. Load annulus & pressed to 1000# - ok. Pumped into sqz holes @ 5864' @ 2 B/M @ 2800#. Mixed & pumped 100 sx Class H w/0.6 of 1% Halad 9. Max 3850 w/90 sx out sqz holes. Left 10 sx in csg below tool. Released RTTS. Pulled 10 stds. Reversed out no cmt. Set RTTS @ 5125'. Press'd tbg to 2000# & annulus to 1000#. Released press. & RTTS & POOH.

RIH w/4-3/4" RB & 6 3 1/2" DC's on 177 jts 2-7/8" Buttress tbg. Tagged cmt & 5782'. Press tested csg to 1000# - ok. Drld hard cmt 5782-5866' & bit dropped out of cmt. Press tested sqz job to 1000#/15 mins - ok. RIH w/RB & tagged top of EZ drill retainer @ 6070'.

Drld EZ drill retainer 6070- 6072' & pushed remaining body of retainer to 6350'. CHC. Press tested csg & sqz job to 1000#/15 mins - ok. POOH & LDDC's. RIH w/4-3/4" RB & 5 1/2" csg scraper to 6350'. Prep to spot perf acid. Spotted 300 gals 10% Acetic acid 6100-5800'. POOH. RU. Ran GR-CCL-CBL 6100-5700'. Cmt bond as follows:

6100-6060'	good bond
6060-6000'	fair bond
6000-5940'	poor bond
5940-5812'	good bond
5812-5766'	fair bond
5766-5734'	poor bond
TC @ 5734'	

RU. Jet perf Cisco Limestone 2 shots/interval using 4" Hyper Jet II csg gun 5864, 5866, 5879, 5898, 5902, 5903, 5930, 5931, 5980, 5983, 5986, 6987, 6988, 6989, 6994, 6014, 6015, 6037, 6038, 6039, 6040, 6084, 6087, & 6089'. Total 48 0.50" holes w/13" penetration. RIH w/prod tbg. Pkr set in 12 pts compression @ 5739'. ND BOP. NU tree. Loaded & press tested annulus to 500# - ok. Dropped bar to open quik flo nipple. Bar to btm in 19 secs. No blow to surface. RU swab. No fluid in hole.

RU. tree saver. Acidized Cisco Ls perf 5864-6089' w/7500 gals 20% HCl w/additives. Used 1000 SCF N2/bbl & 75 - 7/8" RCNCB's. Poor ball action. Did not ball out. Pressured csg 2000# - ok. Max 5700#, min 4700#, ISIP 3100#, AIR 9.9 BPM (6 acid + 3.9 N2). TL&T 197 BLW (180 acid + 17 flush). 10 min SIP 1700#. Opened to pit on 1" choke. Backflowed 115 BLW in 5 1/4" hrs w/FTP 200#. Flare did not burn. All LW recovered. Flare would not stay lit. 42 hr SITP 1450#. Bled to pit

on 1" ck w/FTP 150# then pinched back to 20/64" ck, FTP 300# w/7' flare out end of 2" pipe.

14 hr SITP 1250#. Flwd trace distillate & 20 BW in 10 hrs, 1" ck, FTP 100#. GR 750 MCFD.