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Drilling and Operation Summary  
Quahada Ridge 31 Fed #4

07/27/95	<p>SITP-#40 (14 hrs) SICP-0 Blew dn tbg (good gas) RU swab. IFL-2100' Made 6 runs &amp; swab dn. Make hourly runs. 700'/hr entry. Rec 31 bbls w/1.2% oil cut. (TLTR-12 bbls) RU J &amp; W &amp; load tbg. Drop standing valve &amp; test tbg &amp; csg. Losing small amount of press via tbg &amp; gaining press via csg. Small collar leak (possible) RD J &amp; W. Retrieve standing valve. Start back swabbing. IFL - SN. 400' entry ½ hr. Small amount of gas ahead of swab. 1-2% oil cut. SWI &amp; SDFN. TLTR-8bbls. (Took water sample to Howco - Will fax results today.</p> <p>DMC\$0                      TMC\$5,510  DWC\$2,665                CWC\$330,104</p>
07/28/95	<p>SITP-30# (13 ½ hrs) SICP-0. RU to Swab. IFL-3100. Make 5 runs &amp; well swabbed dry. (5% oil cut on 1st &amp; 2nd run. 2% oil cut the rest of day.) Make hourly runs. 1st 3 hrs entry level of 700'/hr &amp; last 4 hrs entry level was 600', 500', 400' &amp; 400' hr. Total recovery of 30 bbls w/2% oil cut. 22 bbls recovered over load. (Noe will fax water analysis as soon as possible)</p> <p>DMC\$0                      TMC\$5,510  DWC\$1,545                CWC\$331,649</p>
07/29/95	<p>SITP-30#; SICP-0. Blew well dn. (Good gas). RU swab IFL 3300'. Made 4 runs &amp; Fld @ SN. SI for 1 hr. FFL-5800' (400' entry in 1 hr). Rec 20 bbls today. 42 bbls overload. 1st run had 10% cut. Decreased to 2% on all other runs. (Howco/Artesia running wtr samples).</p> <p>DMC\$0                      TMC\$5,510  DWC\$1,135                CWC\$332,784</p>
07/30/95 thru 07/31/95	<p>SDFW.</p>
08/01/95	<p>SITP-100#; (69 hrs) Good gas. RU swab IFL 1700'. Made 4 runs &amp; swab dry. (1st run had 40% oil cut. Then 2% oil cut on rest of swab runs). Wait 1 hr &amp; FL @ 6000'. Total rec of 27 bbls (69 bbls over load). Unseat pkr &amp; POOH. RU Monk Testers. GIH w/Model "R" pkr, 2 7/8" x 2 1/4" SN, &amp; 190 jts tbg. (Testing to 5000 psi above slips). Found collar leak on SN. Set pkr @ 6218'. Load &amp; test csg 500 psi/15 min (OK). RD swab. IFL-1400'; FFL-SN. Rec 23 bbls. SDFN.</p> <p>DMC\$0                      TMC\$5,510  DWC\$5,600                CWC\$338,384</p>
08/02/95	<p>SITP-40#; (13 hrs) Good gas. Blew dn. RU to swab. IFL 3600'. Made 2 runs. FFL-4800'. Rec 10 bbls. 1st run had 30% oil cut &amp; 2nd run had 2% cut. RU Howco &amp; frac perfs w/16,000g Boragel G w/17,500# 16/30 Ottawa &amp; 16,000# 16/30 Super LC. Flush to perfs w/slick wtr. Avg-12 BPM @ 2100; Max press 2500; Min press-1650; ISIP-1147; 5 min-974; 10 min-949; 15 min-917; SWI &amp; SDFN. BLWTR-416</p> <p>DMC \$0                      TMC \$5,510  DWC \$15,860               CWC \$354,344</p>
08/03/95	<p>SITP-120#; Bled to pit. Flowed back 15 bbls. RU kill truck &amp; unset pkr &amp; rev tbg clean. POOH. GIH w/tbg to 6340'. (Tagged sd 100' fill). Rev sd out of hole to 6444 (PBTD tbg tally). POOH. GIH w/1-2 7/8" x 28' MA, 1-2 7/8" x 4' perf sub, 1-2 7/8" x 2 1/4" SN, 5 jts 2 7/8" tbg, TAC (40,000# Shear) &amp; 188 jts tbg. SN @ 6312', MA @ 6431', &amp; TAC @ 6148'. ND BOP. Set TAC. Would not set. Pull one jt &amp; TAC still would not set. NU BOP &amp; SWI. SDFN. BLWTR-416</p> <p>DMC \$0                      TMC \$5,510  DWC \$3,885                CWC \$358,229</p>