

SUMMARY OF OPERATIONS

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Pardue #1
Unit N. 990 FSL &
1980 FWL 31-23-28

PAGE	DESCRIPTION
12-21-66	13,935 TD. Inst BOP, ran 3-7/8 bit on 1 - 3" DC & 401 jts 2-3/8 N-80 GST stream line tbg to 12,326, now circ mud out of hole w/ 10# TSW past 3 hrs.
12-22-66	13,935 TD, 12,554 PBTd. CO from 12,326 to 12,554 in 3 hrs, circ mud to wtr/2 hrs, pulled tbg, DC & bit, Schl ran GR-Collar-Corr log from 10,900 to 12,554, then ran Guib KTPP pkr on 2-3/8 tbg, SN @ 12,354, pkr set @ 12,344, inst tree, prep to perf from 12,420-430. WOC 24 hrs. Tested w/1,500# ok.
12-23-66	13,935 TD, 12,554 PBTd. Finish inst tree, Schl perf 4-1/2 liner in the Morrow w/ thru tbg gun @ 12,420-12,430 w/ 2 JSPF, total 20 holes, swab 48 BLW/6-1/2 hrs, swab dry, SI 12 hrs, TP 0, prep to acidize w/ 1000 gal 15% NE acid.
12-24-66	13,935 TD, 12,554 PBTd, Morrow (12,420-430). Howco acidized perfs w/ 1000 gals 15% NE acid using 18 RCN Ball Sealers, BDTP 4200, TTP 4600, rate 3.25 BPM, ISIP 2100, 5 min SIP 1300, job compl 10:00 a.m. 12/23/66, then swabbed 48 BLW + 24 BAW/6 hrs, sl sh of gas. SD for nite.
12-29-66	12,394 PBTd. Schl set Baker Model FA pkr in 4-1/2 liner @ 11,185, ran Baker latch in seal assby on 364 jts 11,185' of 2-3/8 N-80 GST tbg, latched into pkr w/ 3000# wt, remove BOP, inst tree, Schl perf Strawn lime @ 11,220-235, 15', w/ 2 JSPF w/ 1 9/16 gun, Fl 48 BLW, TP 1500-40#, SI 9 hrs, TP 6000, cont to test.
12-30-66	12,394 PBTd, Strawn (11,220-235). Fl sl mist of LW/3 hrs on 48/64 ck, TP 50, gas rate 160 MCFPD. Howco acidized pers w/ 2500 gal 15% NE acid using 25' RCN ball sealers, BDTP 5100-4500, TTP 4700, rate 2.5 BPM, ISIP 4000, 15 min SIP 3150, job compl @ 4:00 p.m. 12/29/66, Fl 43 BLW + 60 BAW/10 hrs on 24/64 to 48/64 ck, TP 3000 to 50, then on 4 test thru separator Fl mist of LW on 48/64 ck, TP 30, Sep Press 20#, gas rate 620 MCFPD. Cont to test.
1-2-67	12,394 PBTd, Strawn (11,220-235). Howco acidized perfs w/10,000 gal CRA acid using 28 RCN ball sealers, BDID 6500 to 5950, TTP 6200, rate 5.6 BPM, ISIP 3500, 15 min SIP 3300, job compl @ 10:00 a.m. 12/31/66, SI 2 hrs, then Fl 43 BLW + 240 BAW/16 hrs on 16 to 45/64 ck, TP 2000 to 125#, then flowed 16 BLW/3 hrs on 45/64 ck, TP 125#, then clean pits 21 hrs, then on 3 hr test Fl 24 BFW/3 hrs on 45/64 ck, TP 150, gas rate 375 MCFPD.