

SUMMARY OF OPERATIONS

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

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PAGE	DESCRIPTION
12-2-66	(160) 13,935 ND 1m & dolo, 6-1/8" hole. NND. 12.7-55-2.6, 4% oil. Howco ran DST #7: 13,780-935 - pkrs failed, now pulling test tool.
12-3-66	(161) 13,935 ND 1m & dolo, 6-1/8" hole. NND. 12.7-68-3.2. Finish pulling test tool, ran bit, cond hole 4 hrs, pulled bit, now running DST #8, prep to test Dev 13,824-13,935 (111').
12-5-66	(163) 13,935 TD 1m & dolo, 6-1/8" hole. NND. 12.7-60-2.6. DST #8 Dev 13,824-13,935, tested by Howco 3/4"x3/4" ck, 2 pkrs, 2000' WC, tool open 45 min, open w/ fair blow, cont throughout test, rec in DP 2000' WC + 1000' D. Mud & Sulphur wtr, SFP-O, BHFP I 1717, F 2660, 45 min FBHSIP 5575, HH in & out 8840, BHT 212°, 1 hr IBHSIP 7892. Ran bit to bottom cond hole 9 hrs, pulled bit, Schl ran BHC-CR-S-IES-Microlog & Seismic reference log from 11,171-13,919 SM in 7 hrs, now GIH w/ DP OE.
12-6-66	13,935 TD 1m & dolo, 6-1/8" hole. 12.7-51-2.6. Finish running DP OE to 13,935, cond hole 8-3/4 hrs, pull DP to 13,400, Howco spotted 25x T1N cement 13,400-13,274, then pulled DP to 12,950, WOC 4 hrs, then Howco spotted 50x T1N cement 13,950-12,692 calculated top, Job compl 11:50 p.m. 12/5/66, pulled DP, now GIH w/ bit.
12-14-66	13,935 TD. 12.8-60-3.0. Finish pull DP, DC & bit out of hole, ran 50 jts 1588' 4-1/2 OD 13.50# N-80 LT&C liner to 12,598, set w /BOT model MC hanger, top of liner @ 11,009, Howco cemented w /175x Trinity Inferno w/ 4% gel - PD @ 9:15 p.m. 12/13/66, pulled DP & setting tool, ran 6-1/8" bit on 1 DC & 3-1/2 DP to 11,009, no cement on top of liner, now circ out from top of liner, prep to pressure test.
12-15-66	13,935 TD. 4-1/2" liner 12,598, 12.8-60-3.0. Circ hole 1 add hr, tested top of 4-1/2 liner w/ 1325# for 30 min/ok, pulled & LD 3-1/2 DP & DC, cleaned pits, removing BOP, prep to rel rig.
12-16-66	13,935 TD. 4-1/2" liner 12,598. Finish removing BOP stack, inst tree, Rel BBM Drlg Co rig @ 4:00 p.m. 12/15/66. Prep to set rig off hole.
12-20-66	13,935 TD. MIRU DA&S DD Unit, loaded tbg on tbg racks. SD for nite. Prep to run tbg & bit.