

Attachment to Form C-103  
South Eunice (7RQ) Unit No. 413  
Item 12

- 11/20/91 Set & tested safety anchors to API. RU X-Pert pulling unit. SDFN.
- 11/21/91 Install 6" 900 Series dual BOP w/blinds on bottom & 2 3/8" rams on top. Unseat pkr. TIH & tag fill @ 3721'. (20' perfs covered) POOH w/114 jrs 2 3/8" PC tbg & 5 1/2" Johnson tension pkr. TIH w/hydrostatic bailer & cut lip shoe. CO to 3758' (tally). POOH w/10 stands. SDFN. No have 2 7/8" workstring in hole.
- 11/22/91 TIH to 3757' to check for fill. POOH w/tbg & bailer. PU RTTS & TIH to 3583'. Test csg to 500 psi, held OK. TOOH. TIH w/R-4 pkr to 120'. Test BOP to 1000 psi, held OK. Test lubricator, change o-rings & retest to 1000 psi on ground, held OK. RU Wedge Wireline. Run GR- CCL 3747'-3400'. Perf 4 JSPF 3737'-41', 3662'-91' & 3648'-58'. Total of 172 holes. RD wireline co. TIH w/RTTS on 2 7/8" tbg to 3749'. Test lines & tbg to 5000 psi, OK. Fish standing valve. Spot 150 gals 15% NEFE acid 3749'-3584'. Disp w/20.75 bbls fresh wtr. Pull 3 stands to 3562' & reverse 5 bbls. Set pkr @ 3532'. Psi up on annulus to 500 psi. Put spot acid away w/200 gals wtr @ 4 BPM @ 1335 psi. Acidize perfs w/4000 gals 15% NEFE acid & 475 ball sealers @ 5 BPM @ 1770 psi. Saw ball action to 1922 psi. Over displace perfs by 5 bbls w/30 bbls 2% KCL wtr. ISIP 1297. 5 min 1172 psi. 10 min 1076 psi. 15 min 989 psi. SDFN.
- 11-23-91 250# SITP. Unseat pkr & knock balls off. IFL @ surf. Made 7 runs w/swb. FFL @ 800' FS. Swb 57 bbls acid wtr. RU Halliburton to frac. Held safety meeting. Load annulus and test to 500#. Held ok. Test lines to 5000#. Start pumping prepad 9.6 BPM @ 4900#. Shut dwn job. Found nogo & swb cup in cross-over swedge @ surf. Restart & frac w/17,842 gals & 34,300# 20/40 ottowa sand as follows: pump 3000 gals prepad 13 BPM @ 2100#, pump 6000 gals pad 20 BPM @ 2100#, pump 3000 gals 1-3 ppg 20 BPM @ 3200#. (computer went out on blender. Lost one pump truck due to broken oil line) Pump 4000 gals 3-6 ppg 16 BPM @ 2700#. Went to flush w/1200 gals 17.6 BPM 2800#. ISIP 1419#, 5" SIP 1250#, 10" SIP 1201#, 15" SIP 1178# SI, SDFN.
- 11-24-91 90# SITP. IFL @ surf. Made 34 runs. FL stable @ 800' FS. Rec 230 BF. All wtr.
- 11-25-91 0# SITP. IFL @ 150'. Release pkr & check for fill. Tag fill @ 3692', 48' above btm perf @ 3741'. TOOH w/pkr & tbg. RU Bailer & TIH and CO frac sand to 3757'. Pull 5 stands, wait 30", had 15' fill. Sand coming in as well was being bailed. POOH. Empty bailer & TIH CO to 3757'. PULL 5 stands, wait 1 hr & check for fill. No fill. POOH w/bailer & 2 7/8" tbg. LD. RU testers & test 2 3/8" PC tbg in hole. Test to 5000# above slips. RD testers. SDFN.
- 11/26/91 Pump 95 bbls pkr fluid. Set MDL AD-1 Baker pkr & 113 jts 2 3/8" PC tbg @ 3563'. ND BOP, Nu wellhead & test annulus to 500#. Could not get good test. Pull 20 pts tension & retest to 500#. Held ok. RD X-pert & release rig @ 11:00 a.m.