

3-28

Pulled 2-3/8" tubing out of hole; Wait on Welex, truck broke down on way to location; Welex arrived on location; RU perf equipment RIH to perf, perf 2,803', 2,805', 2,807', Instrument panel on wireline truck shorted out; SD and wait on repairs to wireline truck; Finish perforating with 4" OD casing gun, .41 holes as follows:

3-28
cont.

2,803', 2,805', 2,807', 2,854', 2,856', 2,858', 2,860', 2,862', 2,864', 2,866', 2,868', and 2,870', total 12 each, .41 holes; Run 5-1/2" Baker Full Bore packer with seating nipple, 1 jt. up from packer, set packer @ 2,758' with seating nipple @ 2,715'; Swab 10-1/2 BLW to pit, tubing swab dry to seating nipple, had small 2 minute gas flare ahead of swab on last run, no oil; At 7:00 p.m., shut well in for night; Completion Cost to Date: \$42,731

3-29

SI 14 hrs., SITP 200 psi, flared gas to pit, run swab, found 200' fluid above seating nipple @ 2,715'; Made 2 runs with swab, tubing was dry, small continuous gas to surface; Released packer and lower packer to 2,875' and circulate to spot across perf 2,803' to 2,870' with 250 gallons 15% Dowell MSR acid, raise packer back to 2,758'; Reverse acid back in tubing, set packer @ 2,758'; Broke down perf 1800 psi and treated @ 2 BPM @ 750 psi with 250 gallons acid, ISDP 575 psi, 5 minute SI 525 psi; Load to recover 20 bbls.; Swab 12 BL and acid water, swab dry, 8 bbls. not recovered; Acidized perf 1000 gallons 15% Dowell MSR 100 acid with 15 ball sealers @ 3 BPM, TP 825 to 1000 psi, had ball action but did not ball out; ISDP 600 psi, 5 minute 550 psi; 38 BLW to recover; Flow back 4 BLW and died; 2nd run with swab from seating nipple, had gas to surface; Swab total 16 BLW and swab dry; Had continuous gas flare to pit; SD swab one hour, approximately 50' fluid came in tubing; 30 BL and acid water not recovered; Shut well in @ 4:30 p.m., in 4-1/2 hrs. SITP 1000 psi; Open well to flow on 1/2" choke, TP decreased to 10 psi, in 30 minutes did not unload any fluid; Shut well back in @ 9:30 p.m.; Completion Cost to Date: \$56,472

3-30

SI 12 hrs., SITP 1110 psi; Left well shut in 24 hrs. until 9:30 p.m., SITP 1145 psi; SITP 1145 psi; Open well to flow tubing pressure down to 30 psi in 10 minutes, had small amount of heavy mist; Left well flowing overnight on 3/4" choke; FTP 10 psi, gas volume 45 MCF; 30 BLW to recover; Completion Cost to Date: \$56,852

3-31

Flow past 12 hrs. 45 MCF, did not make any fluid; Prep to pull tubing and packer and perf from 2,700 to 2,785' and test.

4-1

Flowed past 12 hrs., gas volume 45 MCF, did not make any fluid; Prep to pull tubing and packer and perf from 2700 to 2,785' and test; Ra swab to seating nipple, small amount of scattered fluid 250' to 300' above seating nipple; Load tubing with 9.3# brine water, released packer, pulled 18 doubles tubing out hole; SD operations due to high winds; Comp. Cost: \$58,472

4-2

Finished TOOH with 2-3/8" tubing and packer; RU Welex, perf the following intervals with 4" OD casing gun, .41 ID holes, total of 22 holes at 2,700', 2,702', 2,709', 2,711', 2,7k3', 2,715', 2,717', 2,719', 2,721', 2,723', 2,825', 2,749', 2,751', 2,768', 2,771', 2,773', 2,775', 2,777', 2,779', 2,781', 2,783', 2,785'; Run 5-1/2" Baker Retrievable bridge plug and packer on 2-3/8" tubing, set bridge plug @ 2,794', above lower perf 2,803' to 2,870', set packer @ 2,670'; RU swab and swabbed tubing dry to seating nipple, had small amount of gas to surface; Waited 1 hour, run swab, no fluid came in tubing; Still small amount gas on swab run; Shut down operations and shut well in @ 3:30 p.m. will acidize perf this a.m.; Completion Cost to date: \$62,986