

**REDSTONE OIL AND GAS CO.  
ROCK TANK UNIT NO. 4  
SQUEEZE CANYON AND REPERFORATE, TEST STRAWN**

**8-25-99** RUPU. SITP- 0 psi. Removed X-mas tree and installed BOP. Released packer and POW with 264 jts of 2-3/8" EUE 8rd N-80 tubing (8245.62') and packer. Shut well in and SDON.

**8-26-99** SITP 0 psi. RIW w/ 5-1/2" cement retainer to 8262' KB. Squeezed Canyon perms 8334'-8378' with 200 sx. Class "H" cement @ 2 1/2 bpm @ 1100 psi. SD to wash pump and lines. Pulled out of retainer pumped 200 bfw down tubing and circulated out 21 bbls. POW w/ tubing and setting tool. SWI and SDON.

**8-27-99** PU 4-3/4" bit, BS, 6 – 3-1/2" OD DC's, X-O and RIW w/ tbg. Drilled cement and retainer from 8259'– 8440'. SWI and SDON.

**8-28-99** POW w/ tbg. and LD DC's. RIW w/ 5-1/2" 10K Arrowset IX packer, TOSSD w/ 1.781" "F" nipple, and 263 jts. tbg. Displaced tbg-csg annulus with 170 bbls. 2% KCL w/ packer fluid. ND BOP and set packer @ 8240' in 15,000# compression. NU tree and pressured csg. to 500 psi for 5 minutes and held ok. RU on tbg. and tested squeeze to 1500 psi for 5 minutes and held ok. RU swab and swabbed FL down to 7500' FS. SWI and SDON.

**8-29-99** Made swab run and tagged FL @ 7300' FS. Pulled swab from SN. Waited 1/2 hr. and tagged FL @ 7800'. SWI and SDON.

**8-31-99** Tagged fluid level @ 7550' FS, had 250' of entry in 48 hrs. RU Schlumberger and perforated with 1-11/16" strip gun 1 JSPF @ 8342' - 8362'. Had no blow at surface after perforating. RDWL. Made two swab runs and swabbed well dry with no show of gas. Shut down 1-1/2 hrs and had 400' of fluid entry. Swabbed dry and shut down 2 hrs. RIW with swab and had no fluid entry. Left well open on 1/4" choke and SDON.

**9-1-99** Well dead. RIW with swab and tagged fluid level at 7850'; had 350' of entry in 14 hrs or 2.3 bpd. WO wireline truck 8-1/2 hrs. RUWL and RIW with perforating gun and collar locator shorted out.

**9-2-99** SITP 0 psi. RIW w/ 1-11/16" strip gun and perforated 4 JSPF from 8398' – 8416' (72 holes). Had very slight blow after perforating. Swab well dry w/ no blow on tbg and no gas in fluid. ND tree and NU BOP. Pumped 40 bbls. 2% KCL water down tbg. Released packer. Reset packer @ 8390'. ND BOP and NU tree. Swabbed FL down to 8000' FS in 11 runs. SWI and SDON.

**9-3-99** SITP 0 psi. Acidize Canyon perms 8398'-8416' w/ 750 gals. 15% NEFE. Flush w/ ending rate of .6 bpm @ 741 psi. ISIP - 620 psi. Made 2 swab runs and recovered est. 10 bbls. load water. Sand line stranded. SWI and SDON.

**9-4-99** Replaced sandline. Swabbed well 5-1/2 hrs. and recovered 110 bw with no show of gas. SWI Shut down for weekend.

**9-8-99** SITP 20 psi. Pressure bled off in 15 seconds. ND tree and NU BOP. Released packer and POW w/ tbg. LD packer and RIW w/ 5-1/2" Arrow cement retainer to 8262'. Squeeze perms 8342'-8416' 150 sx Class "H" to 2200 psi. Pulled out of retainer, circulated out 32 bbls cement (8 bbls. cement below retainer w/ 4.5 bbls. in formation). POW w/ tbg. SWI and SDON.

**9-9-99** RIW with bit, DC's and tubing. Drilled cement retainer and cement from 8264' – 8496' in 3-3/4 hrs. RIW to 8510' and circulated well clean. Pressure tested csg. to 600 psi for 5 minutes ok. LD swivel and POW w/ 3 stds. tbg. SWI and SDON.