

- 7-6-96** Perf w/4" select fire csg guns 40 0.44", 22 GM, 22" charges @ 5262', 64', 76', 78', 93', 94', 5303', 17', 18', 19', 20', 21', 25', 26', 27', 28', 29', 30', 33', 34', 35', 42', 43, 44', 45', 46', 47', 68', 69', 70', 71', 72', 73', 74', 75', 76', 5463', 91', 5511', 13'. RIH w/pkr, spot acid across perfs. Set pkr @ 5155', op bypass & spot acid to pkr. Close bypass & acidize w/6000 gals 15% NEFE HCl & 60 ball sealers. Ball out to 3000 psi. Avg press 1900 psi @ 4 BPM. ISIP 944 psi. Swabbing & flowing well.
- 7-9-96** Op bypass & equalized tbg/csg, released pkr & POOH w/tbg. ND BOP & WH, NU frac head & frac dwn csg w/25 ppg DeltaFrac & 16/30 Ottawa sd, (Total 134,000 lb sd pumped to perfs) Pad, 24,839 gal, 39 BPM @ 1895; 2-4 PPG, 22,119 gal @ 40 BPM @ 1557; 4-8 PPG, 13,122 gal @ 40 BPM @ 2672; 8 PPG, 5663 gal @ 31 BPM @ 3875; Flush w/1011 gal @ 8 BPM @ 4326.
- 7-11-96** Ran 2-3/8" 4.7# tbg to 5152' w/Arrowset pkr, packoff WH, circ well w/110 bbl 2% KCl pkr fluid. Unpack WH, set pkr, packoff WH, load pkr to 500 psi, ok. Swab.

