

- 6) Determine from CBL the top of cement behind 7-5/8" csg (Original TS @ 5500'). Perforate 4 shots approximately 15' above 7-5/8" cmt top. POH w/WL.
- 7) Tie onto 7-5/8" csg and establish circulation behind 7-5/8" csg to surface. Run fluid caliper to determine volume of cmt needed to circulate behind 7-5/8" csg. Pump and circulate Class "C" cmt to surface. Shut-in all csg valves and WOC.
- 8) RU reverse unit and drill out cement. Pressure test squeeze to 500 psi.
- 9) RIH w/bit and scraper to $\pm 8400'$, circulate hole clean and POH.
- 10) RU WLU and perforate Lower Brushy Canyon as w/1 spf as follows (Use Wedge Wireline 4" Csg Guns w/19 gr. SCS 0.46" diameter charge or equivalent):

| | | | |
|-------|--------|-------|-----------------|
| 8290' | 1 shot | 8184' | 1 shot |
| 8282' | 1 shot | 8174' | 1 shot |
| 8271' | 1 shot | 8147' | 1 shot |
| 8262' | 1 shot | 8143' | 1 shot |
| 8257' | 1 shot | 8139' | 1 shot |
| 8252' | 1 shot | 8134' | 1 shot |
| 8249' | 1 shot | 8128' | 1 shot |
| 8246' | 1 shot | 8122' | 1 shot |
| 8241' | 1 shot | 8118' | 1 shot |
| 8238' | 1 shot | 8094' | 1 shot |
| 8233' | 1 shot | 8092' | 1 shot |
| 8225' | 1 shot | 8084' | 1 shot |
| 8216' | 1 shot | 8081' | <u>1 shot</u> |
| 8209 | 1 shot | Total | <u>27 shots</u> |

NOTE: Acidizing and Fracturing to be performed by BJ Services in Artesia, Contact Mike Brown @ Ph: 505-746-3140 or 505-746-7747.

- 11) RIH w/2-3/8" tubing and packer to $\pm 8000'$. Pickle tbg w/500 gals 15% NEFE HCL acid, circulate tbg clean, load csg/tbg annulus, and set packer. Acidize Lower Brushy Canyon perforations w/2500 gals 15% NEFE HCL acid and 50 1.3 sp. gr. ball sealers. Lower tbg to wipe balls from perforations and POH & lay down 2-3/8" tbg.