

Attachment for C-103 on the Owen #3, Lea County, New Mexico.

T.D. 7495, PB 7305, 5-1/2" csg at 6425', 4" liner 6293-7495'. Tubbs perfs 6060-6220' (Sqzd off) ABO perfs 6661-7263'.

MIRU pulling unit. Killed well w/200 bbls BW installed BOP. Pulled packer & 2-3/8" tbg. RIH w/5-1/2" RBP & set at 6250'. Spotted 200# sand on RBP. Tagged sand at 6242'. POOH & RIH w/5-1/2" SV-EZ drill retainer & set at 5969' to sqz. off Tubbs perfs. 6060-6220. Tested tbg to 3000# & csg to 500# - ok. PIF at 3 B/M at 2000#. Mixed & pumped 200 sx Class C w/0.2 of 1% Halad 9 & 100 sx Class H. Sqzd to max 2600# w/walking sqz w/260 sx in formation. Left 20 sx below retainer & reversed out 20 sx. csg press bled off while completing sqz indicating hole in csg above retainer. Pumped into tbg-csg annulus at 3 B/M at 1000#. POOH w/tbg & EZ drill seal assembly. RIH w/RTTS on 2-7/8" work string. Located leak in 5-1/2" csg at 5628'. PIF at 2-1/2 B/M at 1000#. POOH w/RTTS. RIH w/5-1/2" EZ drill on 2-7/8" tbg & set at 5535'.

Mixed & pumped 200 sx Class C w/0.5% Halad 9 and 100 sx Class H. Staged last 50 sx. Max press 1600# w/280 sx in csg leak and 10 sx below tool. Reversed out 10 sx. Released from EZ drill. POOH w/EZ drill, setting tool & seal assembly. RIH w/4-3/4" RB & 4 3-1/2" DC's on 2-7/8" work string. Drld soft cmt 5529-5535'. EZ drill retainer 5535-5537'. Tested csg to 1000#/15 mins. - ok. Drld medium hard cmt. 5537-5542'. then hard cmt 5542-5718'. Fell free. Tested sqz job to 1000#/15 mins. - ok. Ran in hole & tagged lower plug at 5967'. Drld soft cmt 5967-5969'. EZ drill retainer 5969-5971'. & hard cmt 5971-6070'. Drld good cmt 6070-6230'. Fell free.

Tested csg & sqz job to 1000#/30 mins - ok. Tagged RBP at 6265'. RBP had gone down hole 15'. Pushed RBP on down hole to 6283' while circ off sand. Stopped RBP 10' off top of liner. POOH w/RB & drill assembly. RIH w/retrieving tool. Latched onto and released RBP at 6283'. POOH and LD RBP. RIH w/4-3/4" RB, 5-1/2" csg scraper and 4 3-1/2" DC's on 2-7/8" work string. Co to top of liner at 6293'. POOH and LD DC's. RIH w/3 3/8" blade bit, 34 jts 2-3/8" Hydrill tbg & 2-7/8" EUE work string and tagged PBTD 7305'. POOH LD work string. RIH with completion tbg. ND BOP NU WH. Put well on pump.