

Sundry for Witt Federal 30 #1
Drilling / casing history.

Spud well 1/29/99. Drill 17 1/2" hole to 924'. Ran 13 3/8" surface csg landed @ 921'. Cmt w/ 750 sx PP 'C' + add. Tail w/ 350 sx PP 'C' + add, no returns. BLM approved top job of 250 sx cl-'C' + add. & topped off w/ ready mix. Drill 12 1/4" hole to 2380'. Ran 9 5/8" intermediate csg & landed @ 2080'. Cmt w/ 250 sx Prem Thixotropic + 10% cal seal & 2% cc add. & 300 sx Prem Thixset w/1% comp H, 1/4% comp b, 2% cc. Tail w/ 350 sx Interfill-C + 10# gilsonite, 1/4 #/sx flocele & 250 sx Prem Plus w/2% cc, 1/4 #/sx flocele. Temp survey indicated TOC 1183'. TIH w/ 1" for top job, tagged @ 1277', pumped 848 sx cl-'C' w/ 3-5% cc, TOC @ 1253'. Hook up on backside of 9 5/8" & pumped 270 sx Lite 'C' w/ 2% cc. Had bridge @ 906'. Pumped 400 sx Prem Plus 'C' w/ 4% cc. Tag cmt @ 858', pump 100 sx 'C' w 3% cc, tag @ 911', pump 100 sx 'C' w/ 3% cc. RU for casinghead job. Pumped 400 sx 'C' w/4% cc, Tag cmt @ 745, pump 85 sx 'C' w 3% cc, tag @ 378', pump 120 sx 'C' w 2% cc. Circ cmt through head valves. BLM witnessed 2/18/99. Test BOPE & drill 8 3/4" hole ahead to TD @ 11,320' on 3/18/99. Ran 4 1/2" prod casing landed @ 11,320'. Cmt 1st stage w/300 sx Hal Lite Prem w/ 3% KCL, 6% halad 447, & .02% HR-7. Tail w/750 sx Super 'H' w/.04% CFR-3 & .02HR7. Cmt 2nd stage w/ 500 sx Interfill 'H' & tail w/ 130 sx Interfill 'H' & 200 sx Prem. Lost returns, TOC @ 490' (CBL on 4/17/99) Rig released 3/25/99.

