

ATTACHMENT for GOVERNMENT Y #2, dated 8/15/80, on form 9-331.

Cities Service Company #2, Government Y, K, Sec 12-T20S-R28E, Eddy County, NM.

MIRU rotary tools & spudded a 17½" hole @ 1400 MDT on 7/18/80 & drld to a T.D. of 609' in surface rock. Ran & set 16 jts (590') 13-3/8" OD 48# H-40 csg @ 609' & cmted w/650 sx Class C w/2% CaCl₂ & ¼" FC/sx cmt. Plug down @ 1320 MDT on 7/19/80. Landed plug w/700# - held ok. Circulated 75 sx of cmt. USGS was notified but did not witness cementing job. WOC 30 hrs. NU well head & BOP. Tested csg & BOP to 500# - held ok. Drld a 12½" hole to a T.D. of 3020' in LM. Ran & set 12 jts (487.63') 8-5/8" OD 32# K-55 & 47 jts (2103.68') 8-5/8" OD 24# K-55 csg @ 2610'.

Pipe stuck at 2610'. Could not move pipe & could not circ. Worked pipe 5½ hrs w/no success. Stretch indicated pipe stuck at 1800'. NU 8-5/8" csg spool & BOP.

RIH w/drlg assembly, tagged FC @ 2565'. Drlg FC & GS w/5000# WOB, fell free to 2655', no fill. PU wtr csg & closed pipe rams. Press csg & form to 1000#. Could not pmp into form or circ. Bled off press.

GIH w/8-5/8" RTTS on 4½" DP & set @ 2510'. Press csg to 600#. Established inj rate down DP of 5 bpm @ 1000#. Reset RTTS @ 2416' & press csg to 600#. Mix & pmp 225 sx HOWCO Lite w/10# Gilsonite, ¼" FC & 8# salt/sx @ 2 BPM & 1500#. Csg press dropped to 0#. SD pmp & washed up liner. Press csg DP annulus to 1000# - held ok. Displ cmt to 150' below RTTS to 2566' at 2 BPM & 2000#. SI w/1800# on DP. Left 9 sx cmt in csg & 216 sx in form. WOC 8 hrs. DP press 0#, csg 600#. Could not release pkr. Open bypass & circ hole. Still could not release pkr. Tagged at 2553'. Ran temp svy - indicated cmt behind csg 2416-2553'. RU Dialog & ran free pt - DP free at 2080' & stuck @ 2110'

GIH w/Dialog string shot. Bkd off 4½" DP @ 2106'. RIH w/7-3/4" x 6-5/8" cutrite washover shoe, 3 jts 7-3/8" OD wash pipe, BS, jars & 6 - 6¼" DC's on 4½" DP. Tagged @ 2102'. Washed down to 2106' w/no torque. No recovery in returns. Shoe stuck. Jarred loose. Mill at 2106' w/5 - 15 pts wt w/no progress & no cuttings in rets. RIH w/new cutrite shoe, 2 jts WP, BS, jars, 6 - 6½" DC's on 4½" DP. Tagged @ 2104'. Washed down to 2106' w/3 pts wt. Cut over fish to 2107', torqueing. POOH.