

reversed out at 1,821'. TOH w/59 jts. 2-7/8" tbg. TIH w/5-1/2" fullbore packer, SN & 56 jts. 2-7/8" tbg. Broke circ. & set pkr., at 1,736'. Pressured annulus to 500#. Squeezed in 1.4 bbls. (6.7 sacks) into leak interval fr. 1,974'-2,006' with max. p.p. of 1,020#. Calc. top of cmt. at 1,883'. Halliburton RDMO. TOH w/56 jts. 2-7/8" tbg., SN & 5-1/2" pkr. TIH w/4-3/4" bit, 6 3-1/2" drill collars, & 58 jts. 2-7/8" tbg. Tagged cmt. at 1,944'. Note: Cement fell 61' fr. calc. TOC by displacement. P.U. power swivel & installed stripper head. Drilled cmt. fr. 1,944'-2,008' & fell through. Ran bit to 2,032'. No cement stringers. L.D. swivel. Press. tested csg. to 560# & lost 100#/min. Retested twice with same results. TOH w/60 jts. 2-7/8" tbg., 6 3-1/2" drill collars & 4-3/4" bit. TIH w/5-1/2" fullbore pkr., SN & 65 jts. 2-7/8" tbg. Set pkr. at 2,017' & pressure tested casing down tbg., to 820#. Csg. held fr. 2,017' to 3,325' (Calc. TOC). TOH w/2 jts. 2-7/8" tbg. Set pkr. at 1,955' & pressure tested annulus to 560#. Held. Attempted to est. inj. rate into leak interval fr. 1,974'-2,006' at 1,000#. Bled to 0# in 1.5 mins. Retested with same results. Note: leak appears to be charging up as on final test held 20#. Bled pressure off but flowed back for 8 mins. TOH w/63 jts. 2-7/8" tbg., SN & 5-1/2" pkr. TIH w/SN & 65 jts. 2-7/8" tbg. O.E. at 2,009'. Halliburton MIRU. Pumped 8 bbl. fresh water pad & broke circ. Mixed & spotted 25 sacks Micro Matrix cmt. at 2,009'. TOH w/9 jts. 2-7/8" tbg. & reversed out at 1,730'. TOH w/56 jts. 2-7/8" tbg. and SN. TIH w/5-1/2" pkr., SN & 54 jts. 2-7/8" tbg. Broke circ. Set pkr. at 1,678', & pressured annulus to 500#. Squeezed in 2.0 bbls. (9 sacks) into leaks fr. 1,974'-2,006' w/max. pp of 1,000#. Calc. TOC at 1,863'. Halliburton RDMO. TOH w/54 jts. 2-7/8" tbg., SN & pkr. TIH w/4-3/4" bit, 6 3-1/2" drill collars, & 56 jts. 2-7/8" tbg. Tagged cmt. at 1,911'. Note: cement fell 48' fr. calc. TOC by displacement. P.U. power swivel & installed stripper head. Drilled cement from 1,911'-2,006' and fell out. Drilled cement stringers to 2,011' & ran bit to 2,066'. Circ. clean and l.d. swivel. Pressure tested csg. to 540# for 30 mins. Cement squeeze held. Removed stripper head. TIH w/42 jts. 2-7/8" tbg. Tagged cement at 3,354'. P.U. power swivel & installed stripper head. Drilled cement from 3,354'-3,580' (CIBP). circ. wellbore clean and l.d. swivel. Pressure tested entire 5-1/2" csg. string to 560#. Casing losing 140# in 4 to 6 mins. Retested several times with same results. Removed stripper head & TOH w/6 jts. 2-7/8" tbg. bit at 3,385'. TOH w/104 jts. 2-7/8" tbg., 6 3-1/2" drill collars & 4-3/4" bit. TIH w/5-1/2" fullbore pkr., SN, & 111 jts. 2-7/8" tbg. Set pkr. at 3,416'. Pressure tested dwn tbg. to 560#. Losing 80# in 6 mins. Pressure tested annulus to 520# & lost 240# in 6 mins. Reset pkr. & tested above & below pkr w/same results. Note: csg. leak intervals 3,498'-3,580' & 1,974'-2,006'. Still will not test. TOH w/48 jts. 2-7/8" tbg. Set pkr. at 1,956' & pressure tested annulus to 570#. Held. TOH w/63 jts. 2-7/8" tbg., SN & pkr. TIH w/12 jts. 2-7/8" tbg. (tailpipe), 5-1/2" retrievematic pkr, SN & 104 jts. 2-7/8" tbg. O.E. at 3,578'. Displaced wellbore w/105 bbls. fresh water. Halliburton MIRU. Mixed & spotted 25 sacks Micro-Matrix cmt. at 3,578'. TOH w/12 jts. 2-7/8" tbg. & reversed out at 3,210'. Set pkr. at 2,837' w/tubing o.e. at 3,210'. Squeezed in .38 bbls. (1.78 sacks) in 2 attempts with 1,000# max. pp. Calc. TOC at 3,364'. Halliburton RDMO. TOH w/92 jts. 2-7/8"

tbg., SN, 5-1/2" retrievematic pkr. & 12 jts. 2-7/8" tbg. TIH w/5-1/2" Model "G" RBP & 71 jts. 2-7/8" tbg. Set RBP at 2,200'. TOH w/71 jts. 2-7/8" tbg. & retrieving head. TIH w/5-1/2" fullbore pkr., SN, & 70 jts. 2-7/8" tbg. Set pkr. at 2,172'. Pressure tested RBP to 1,050#. Held. TOH w/70 jts. 2-7/8" tbg., SN & pkr. TOH w/68 jts. 2-7/8" tbg. O.E. at 2,099'. Slurried & spotted 2 sacks sand on RBP at 2,200'. TOH w/3 jts. 2-7/8" tbg. O.E. at 2,010'. Allow sand to settle. Halliburton MIRU. Broke circ. w/5 bbl. fresh water pad. Mixed & spotted 25 sacks Micro-Matrix cement at 2,010'. TOH w/8 jts. 2-7/8" tbg. & reversed out at 1,759'. TOH w/57 jts. 2-7/8" tbg. TIH w/5-1/2" pkr., SN & 55 jts. 2-7/8" tbg. Set pkr. at 1,707' & pressured annulus to 500#. Squeezed in .25 bbls. (1.2 sacks) in 2 attempts w/1,100# max. pp. Calc. TOC at 1,789'. Halliburton RDMO. TOH w/tbg. & pkr. TOH w/55 jts. of 2-7/8" tbg. & 5-1/2" fullbore pkr. TIH w/4-3/4" bit, 6 3-1/2" drill collars, 2-7/8" SN, & 55 jts. of 2-7/8" tubing. P.U. power swivel & install stripper head. Tag top of cement at 1,851'. Drill cement fr. 1,851'-2,020' w/59 jts. of 2-7/8" tbg. in hole. Circ. csg. clean fr. 2,065' with a total of 61 jts. of tubing in hole. Test & chart csg. psi for 30 mins. at 560 psi. Pressure decreased to 550 psi. TOH w/61 jts. of 2-7/8" tbg., 6 3-1/2" drill collars & 4-3/4" bit. TIH w/5-1/2" retrieving head & 71 jts. 2-7/8" tbg. Circ. sand off of RBP. Latch onto RBP & TOH w/71 jts. of 2-7/8" tbg. and RBP. TIH w/4-3/4" bit, 6 3-1/2" drill collars, 2-7/8" SN & 105 jts. of 2-7/8" tbg. P.U. power swivel & install stripper head. Tag top of cement at 3,425'. Drill cement fr. 3,425' to 3,562' and circ. csg. clean. Drill cement fr. 3,562'-3,579' & circ. csg. clean. Tested & charted csg. to 520 psi. Pressure decreased to 500 psi in 30 mins. Note: well passed the casing integrity test. Rigged down power swivel and removed stripper head. TIH w/145-3/4" sucker rods. TOH l.d. 145-3/4" sucker rods. Displaced csg. with 100 bbls. fresh water with 30 gals. R2264 packer fluid. TOH l.d. 11 jts. 2-7/8" tbg., 6 3-1/2" drill collars & 4-3/4" bit. Remove BOP & install 6" 900 wellhead flange. TA'd well.