

FEDERAL STATE COM #1

- 4/16 (12) 2610 ND, WOC 9-5/8 csg, pumped in 1 pit of mud @ surf hole did not fillup, ran 60 jts 2610' 9-5/8 OD 43.50# S95 csg to 2610, Howco cmtd csg on bottom @ 2610 w/ 1300x TILW containing $\frac{1}{2}$ # Flocele/x + 100x Class C Neat, PD @ 4 pm 4/15/74, cmt did not circ, WOC 10 hrs, Worth Well ran Temp Survey, T/cmt @ 1530, now running 1" pipe on outside of 9-5/8 csg 600' in hole.

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- 4/17 (13) 2610 ND, WOC 9-5/8 csg, WO 1" pipe 8 hrs, ran 1" pipe on outside of 9-5/8 csg to 1522, Howco cmtd down 1" pipe w/ 200x Class C cmt, POH w/ 1" pipe, WOC 4 hrs, ran 1" tag cmt @ 1094, Howco cmtd down 1" pipe w/ 200x of Class C cmt, POH, WOC 4 hrs, ran 1" pipe tag top of cmt @ 1315, Howco now cmt w/ 200x Class C cmt.

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- 4/18 (14) 2610 ND, WOC 9-5/8 csg, POH w/ tbg, WOC 6 hrs, ran 1" pipe to 1522, Howco cmtd w/ 200x Class C cmt w/ 2% CaCl, POH w/ 1", WOC 6 hrs, ran 1", tag cmt @ 1105, Howco cmtd w/ 100x Class C cmt w/ 2% CaCl, WOC 4 hrs, tag cmt @ 1522, Howco cmtd w/ 100x Class C cmt w/ 2% CaCl, WOC 4 hrs, tag cmt @ 1522, prep to cmt down backside from surf.

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- 4/19 (15) 2610 ND, WOC, 9-5/8 csg, Howco cmtd down 1" tbg @ 1522 w/ 100x Class C cmt w/ 2% CaCl, POH, WOC 4 hrs, ran 1" pipe, tag cmt @ 1522, POH w/ 1", Howco cmtd down backside of 9-5/8 csg w/ 500x Class C cmt w/ 4% gel, 4% CaCl + $\frac{1}{2}$ # flocele/x, job compl 12 noon 4/18/74, WOC 14 hrs, ran 1" pipe, tag top of cmt @ 230.

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- 4/20 (16) 2610 ND, inst'l BOP's, Howco cmtd down 1" pipe @ 230 w/ 75x Class C cmt, cmt circ to surf, Worth Well ran temp survey to 2510, indicated solid cmt 2510-765; void 765-485; solid cmt 485 to surf, cut off 9-5/8 csg, NU, now inst'l & test BOP's.

- 4/22 (18) 3167 drlg lm & sh, 8-3/4" hole, 1 $\frac{1}{2}$ @ 2996, Fr Wtr. finish testing BOP's and ck manifold 5000#/ok, test 9-5/8 csg 2000#/ok.

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- 4/23 (19) 4090 drlg lm & sd, 8-3/4" hole, 1-3/4 @ 3962. Fr Wtr.

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- 4/24 (20) 4866 drlg lm & sd, 8-3/4" hole, 1-3/4 @ 4456. Fr Wtr.

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- 4/25 (21) 5435 ND lm & sd, 8-3/4" hole, $\frac{1}{2}$ @ 5435, Fr Wtr. past 6 hrs fish for rock bit cone w/ magnetic bskt.

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- 4/26 (22) 5955 drlg lm & sd, 8-3/4" hole, NND. Fr Wtr.