

FEDERAL "12" COM #1

- 7/20 (8) 1806 drlg lm, 12 $\frac{1}{4}$ " hole, 3/4 @ 1227, $\frac{1}{4}$ @ 1443,
3/4 @ 1654 Fr Wtr w/o circ.
- 7/21 (9) 2333 drlg lm, 12 $\frac{1}{4}$ " hole, 3/4 @ 1806, 1 $^{\circ}$ @ 2229.
Fr Wtr w/o circ.
- 7/22 (10) 2600 ND lm, 12 $\frac{1}{4}$ " hole, 3/4 @ 2600, Fr Wtr w/o circ.
finish hole @ 9 pm 7/21/74, pull 7 stands of DP, mixed pit
of mud, ran bit to bottom, spotted mud on bottom, LD DP & DC's
now running 9-5/8 csg.

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- 7/23 (11) 2600 ND, WOC, 9-5/8 csg, ran 63 jts 9-5/8 OD 43.50# &
36.0# LT&C & ST&C 3-55 csg, Howco cmtd csg on bottom @ 2600
w/ 1150x TLLW containing $\frac{1}{4}$ # Flocele/x + 150x Class C Neat
cmt w/ 2% CaCl, PD @ 11:15 am 7/22/74, cmt did not circ, WOC
6 hrs, Bennett Wire Line Co ran Howco temp survey, T/cmt @ 1340,
ran 1" tbg on outside of 9-5/8 csg to 1240, Howco cmtd down 1"
w/ 100x Class C cmt w/ 2% CaCl, job compl 9:30 pm 7/22/74, WOC
3 hrs, tag top of cmt @ 1190, Howco cmtd w/ 100x Class C cmt
w/ 4% CaCl, job compl @ 12:45 am 7/23/74, WOC 3 hrs, tag top
of cmt @ 1000, Howco cmtd w/ 100x Class C cmt w/ 4% CaCl, job
compl @ 5:45 am 7/23/74, WOC.

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- 7/24 (12) 2600 ND, WOC 9-5/8 csg, ran 1" pipe to 1000, no fillup,
Howco cmtd down 1" pipe w/ 100x Class C cmt w/ 4% CaCl, job
compl @ 9 am 7/23/74, WOC 3 hrs, ran 1" pipe to 1000, no fill,
Howco cmtd thru 1" pipe w/ 100x Class C cmt containing 5#
gilsonite + $\frac{1}{4}$ # Flocele + 4% CaCl, job compl @ 12 noon 7/23/74,
WOC 3 hrs, tag top of cmt @ 738, Howco cmtd w/ 100x Class C
cmt w/ 5# gilsonite + $\frac{1}{4}$ # Flocele + 4% CaCl, job compl @ 4 pm,
WOC 3 hrs, tag top of cmt @ 456, Howco cmtd w/ 125x Class C
cmt w/ 2% CaCl cmt circ to surf, job compl @ 7:30 pm 7/23/74,
now inst'l BOP's.

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- 7/25 (13) 2600 ND, prep to drill 8-3/4" hole, finish inst'l & test
BOP's to 5000#, test ck manifold to 5000#, now drlg cmt in
9-5/8 csg @ 2560.

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- 7/26 (14) 2980 drlg lm, 8-3/4" hole, 3/4 @ 2910, Fr Wtr.
down 7 hrs for rig rprs.

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- 7/27 (15) 3637 drlg lm, 8-3/4" hole, Fr Wtr.
3/4 @ 3242, 1 $^{\circ}$ @ 3545.

- 7/28 (16) 4450 drlg lm, 8-3/4" hole, 3/4 @ 4201. Fr Wtr.

- 7/29 (17) 4910 drlg lm, 8-3/4" hole, Fr Wtr.
2 $^{\circ}$ @ 4510, 1-3/4 @ 4712, 1 $\frac{1}{2}$ @ 4849, had good sh of gas 3975,
has increased, have sh of oil on pits this a.m.