

FEDERAL "QQ" #1
7/13 (8) 1933 drlg lm, 12 $\frac{1}{2}$ " hole, $\frac{1}{2}$ @ 1690. Fr Wtr.

FEDERAL "QQ" #1
7/14 (9) 2238 drlg lm, 12 $\frac{1}{2}$ " hole, 1-3/4^O-2170, Fr Wtr
80% return.

7/16 (11) 2600 ND, WOC 9-5/8" casing, 1 $\frac{1}{2}$ ^O @ 2600;
Circulated 4 hrs @ 2600', P&LD DP & DC's,
Ran 63 jts 2600' 9-5/8" OD 40.0# KS-8 8rd
ST&C csg, cmtd on bottom @ 2600' by Howco
w/1300 sx TILW w/ 1/4# Floccle in 1st 400 sx.
+ 100 sx. Class C neat cmt, PD @ 10:00 p.m.
7-15-73, Cmt circ, now nippling up csg.

FEDERAL "QQ" #1
7/17 (12) 2647 drlg lm 8-3/4" hole, NND, WOC total 32 $\frac{1}{2}$ Fr. Wtr.
hrs, test 9-5/8" csg w/ 2000# ok, test BOP's, 5000# ok.

FEDERAL "QQ" #1
7/18 (13) 3250 drlg sdy lm, 8-3/4" hole, 3/4 @ 3190. Fr Wtr.

FEDERAL "QQ" #1
7/19 (14) 3850 drlg lm & sd, 8-3/4" hole, 3/4 @ 3740. Fr Wtr.

FEDERAL "QQ" #1
7/20 (15) 4560 drlg lm, 8-3/4" hole, $\frac{1}{2}$ @ 4100. Fr Wtr.

FEDERAL "QQ" #1
7/21 (16) 5023 drlg lm, 8-3/4" hole, $\frac{1}{2}$ @ 4600. Fr Wtr.

7/23 (18) 6015 drlg lm, 8-3/4" hole, 3/4 @ 5600. Fr Wtr.

FEDERAL "QQ" #1
7/24 (19) 6475 drlg lm, 8-3/4" hole, 1-3/4 @ 6350. Fr Wtr.

FEDERAL "QQ" #1
7/25 (20) 6859 drlg lm, 8-3/4" hole, 1 $\frac{1}{2}$ @ 6850. Fr Wtr.

FEDERAL "QQ" #1
7/26 (21) 7274 drlg lm, 8-3/4" hole, 1 $\frac{1}{2}$ @ 7045. Fr Wtr.

FEDERAL "QQ" #1
7/27 (22) 7619 drlg lm, 8-3/4" hole, 1-3/4 @ 7575. Fr Wtr.

FEDERAL "QQ" #1
7/28 (23) 7951 drlg lm, 8-3/4" hole, 1^O @ 7831. Fr Wtr.

7/30 (25) 8370 drlg lm, 8-3/4" hole, 3 $\frac{1}{2}$ @ 8208, 4^O @ 8330. Fr Wtr.

FEDERAL "QQ" #1
7/31 (26) 8505 drlg sd, 8-3/4" hole, 3^O @ 8494. Fr Wtr.

FEDERAL "QQ" #1
8/1 (27) 8610 drlg sd & sh, 8-3/4" hole, 2-3/4 @ 8557, Br Wtr 9.8-32.
displ hole w/ br wtr @ 8510.

FEDERAL "QQ" #1
8/2 (28) 8708 drlg sd & sh, 8-3/4" hole, 2 $\frac{1}{2}$ @ 8680. Br Wtr 9.8-32-NC