

Drilled out cement plug and tested perfs @ 2195' w/1900# and pressure bled to 1400# in 2 min. Bled pressure to 0#, shut well in, and pressure built to 1000# in 4 min. Opened well to pit and well flowing salt water from perfs @ 2195' @ $2\frac{1}{2}$ gal/min. @ 0# after being open to pit 24 hrs. Well continuing to flow @ rate of $2\frac{1}{2}$ gals/min. @ 0# after 48 hrs. Shut well in and pressure built to 975# in 30 min. Opened well back to pit. After 72 hrs well flowing @ rate of $1\frac{1}{2}$ gal/min. @ 0#. Checked build-up and pressure built to 800# in 30 minutes; 900# in 1 hour; after 96 hrs well flowing approx. 0.4 gal/min. @ 0#. Checked build-up and pressure built to 400# in 30 min; 860# in 1 hour. After 120 hrs well flowing approx. 0.3 gal/min. @ 0#. Checked build-up and pressure built to 800# in 1 hour.

Squeezed perfs @ 2195' w/150 sx regular w/4% calcium chloride preceded by 50 bbls 40% calcium chloride water. Max. pressure - 1700#, bleeding to 1100# in 5 min. Left 100' of cement in pipe.

Drilled out cement plug and well flowing back from perfs @ 2195'. Shut well in and pressure built to 750# in 10 min. Well flowing salt water from perfs @ 2195' @ approx. 2 bbls/min. @ 0#; no gas.

Cleaned out hole to 3630' P.B.T.D. Ran 121 jts of $3\frac{1}{2}$ ", 9.3# casing w/ Baker float shoe to 3628' and cemented w/225 sx 1:1 Pozmix w/2% gel. Cement circulated. Tested csg w/1000# for 30 minutes - tested O.K. Perforated the $3\frac{1}{2}$ " casing opposite Queen section from 3378-3405 & 3416-3454 w/4 jets/ft. Treated w/500 gals mud acid and 10,000 gals 1#/gal sand/oil.

Ran 111 jts of $1\frac{1}{4}$ " tbg and landed @ 3396'. Kicked well off and cleaned up to pit. Rate tested well @ 3986 MCFPD on 5/8" choke, flowing thru $3\frac{1}{2}$ " x $1\frac{1}{4}$ " annulus. Flowing csg. pressure - 465#, tubing pressure - 709#.

