

FARMINGTON DISTRICT OFFICE

RINCON UNIT #150E
RIO ARRIBA CO., N.M.

WEEKLY SUMMARY

6-28-95

SITP and SICP 0 psi per 24 hrs. Swab test Tocito perfs, 6833-6846' recovering 54 bbls gel water, 0 oil. Fluid level 100' to 5750'. (Top of pkr.) No fluid entry while swabbing. Shut down 1 hr w/ no fluid entry. No gas or oil show. Released 7" pkr at 6751' and POOH laying down 16 jts 3 1/2" tbg. Reset pkr at 6231' w/ 35K set down wt. Loaded annulus w/ 2% KCL water and pressure tested to 1000 psi. Bled off pressure. SIW and SDON.
Scheduled to sand frac Tocito perfs this AM.

6-29-95

SITP and SICP 0 psi per 13 hrs. Rig up Dowell frac unit. Press test lines to 6000 psi. Set annulus pop-off to 900 psi. Hold safety meeting.
Sand frac Tocito perfs, 6833-6846', w/ 25600 gals 35 ppt guar w/ 2.2#s/M L-10 borate, 1 gal/M F75N surf, 9 gal/M caustic(?), and J475 breaker as per schedule w/ 76800#s 20/40 Ottawa sand at avg rate of 27 bpm at 4700 psi in 6 stages as follows.
Put 600 psi on annulus. Pumped to spot on perfs 75 bbls pad, 0-31 bpm at 0 to 4300-4100 psi.
1st stage- Pumped 9000 gals pad, 31 bpm at 4100-3900 psi.
2nd stage- 6800 gals w/ 2 ppg sand. 31 bpm at 3900-4150 psi.
3rd stage- 3100 gals w/ 4 ppg sand. 31-30 bpm at 4150-5200 psi.
4th stage- 3000 gals w/ 6 ppg sand. 30-16.5 bpm at 5200-5300-5000-5300 psi.
5th stage- 3100 gals w/ 8 ppg sand. 16.5 bpm at 5300-4000 psi.
6th stage- 600 gals w/ 10 ppg sand 16.5 bpm at 4000-2520 psi.
Displaced 6th stage to 200' above perfs w/ 67 bbls clean gel fluid.
ISIP-1800, lmin-1309, 5min-1259, 10-1241, 15-1204, 30-1122, 60-938 psi.
677 bbl Tocito frac water load to recover. total adjusted load 2628 bbls.
Rigged down Dowell. Bled press off tbg and annulus. Released 7" pkr at 6231' and POOH, laying down 3 1/2" frac string and pkr. Changed pipe rams to 2 3/8" P/U and TIH w/ bridge plug retrieving head. so, 2 3/8" seat nipple on 2 3/8" tbg to 620'. SIW and SDON

6-30-95

SITP and SICP on vac per 10.5 hrs. TIH w/ retrieving head on 2 3/8" tbg to 3100'. Unloaded csg w/ air @ 1300 scf at 1100 psi. TIH, unloading csg again at 4600' and 5700'. Tagged sandfill at 6770'. Cleaned out w/ air to 6855' (BTM perf at 6846'). Continued cleaning well up w/ air per 4 additional hrs, running soap sweeps w/ 2% KCL water @ 1 hr intervals. Recovered frac water and sand at approx 15 bbl/hr rate w/ 1% green oil cut the 1st 3 hrs w/ sand decreasing to 5% the last hr and water rate to 5-7 bbls/hr. POOH w/ 2 stds tbg to 6730'.
SIW and SDON.
Have recovered estimated 315 bbls of 677 bbl Tocito frac water load, w/ less than 1 bbl oil.

7-1-95

SITP 250, SICP 0 psi/12hrs. Flared off tbg gas to pit. R/U to swab. Tagged fluid level at 5900', 930' rise per 12 hrs. Swabbed Tocito perfs, 6833'-6846', rec 6 bbls water cut 10% oil in 4 hrs. Fluid level 5900' to 6700' scattered. Mild gas blow after each run. 1/2 bbl/hr fluid rec rate last 2 hrs. After 3 hrs swabbing time, RIH w/ retrieving head on 2 3/8" tbg to 6855' to verify perfs clear of sand. SIW and SDON.
Have rec 321 bbls of 677 bbl Tocito frac water load, and 1 bbl oil.

7-2-95

SITP 250, SICP 0 psi/17 hrs. Flared off gas to pit. Tagged fluid level at 5800', 1030' rise per 17 hrs. Swab tested Tocito perfs 6833-6846', recovering 4 bbls water cut 10% oil in 5 hrs. Fluid level 5800-6700' scattered. Mild gas blow after each run. 1/2 bbl/hr fluid recovery rate last 4 hrs.
RIH w/ tbg to 6850'. (No sand fill) Displaced wellbore w/ 270 bbls FW. Rigged up Dowell cmt unit. Pumped and spotted 30 sks class G cement con't .5% B-14 Fluid loss, wt 15.8 ppg, yield 1.15 from 6850-6690'. POOH w/ 6 stds tbg to 6480'. Reverse circ tbg clean w/ 60 bbls FW. Squeezed Tocito perfs, 6833-6846' to 1000 psi surf pressure using hesitation sqz method, placing estimated 1/2 bbl cmt into perfs. JC and CIP at 4:30 pm, 7/1/95. Left well shut in w/ 1000 psi on tbg and annulus. SDON.
Have rec'd 325 of 677 bbl water load, and 1 bbl oil.

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WEEKLY SUMMARY

7-3-95

SITP and SICP 140 psi per 14.5 hrs. TOH w/ 2 3/8" tbg and lay down
retrieving head. P/U and TIM w/ 6 1/8" bit, xo, 6-3 1/2" DC's on 2 3/8" tbg to
6670'. R/U powerswivel, reverse circ and wash from 6670-6735'. Drilled soft cmt
from 6735-6760', hard cmt from 6760-6852'. Cleaned out frac sand to 6876'.
Circulated tbg clean per 1/2 hr. Shut in pipe rams and press tested 7" csg, DV
tool, and sqz'd interval to 500 psi. Press fell to 200 psi in 3 minutes and
held stdy. Repeated test 3 times w/ same results. R/D powerswivel, lay down 5 jts
tbg to 6721'. SIW and SDON.