

Procedure by JSS

FIELD: Burton Flat

24. RD Dowell. Unset pkr and lower to bottom perf to knock balls off of perfs. PU packer to previous depth and set pkr. RU swab line. Swab well for 1 day to clean up unspent acid and to determine fluid entry. The well will be fraced unless swab results indicate high fluid entry and 100% water. Contact Jon Snell at 688-6244 to discuss. If the frac is bypassed proceed to step 29, otherwise SKIP TO STEP 27 to frac Upper Cherry Canyon.

***** PROCEDURE IF LOWER CHERRY CANYON IS LEFT UNFRACED *****

25. Contact Dowell to prepare DAD acid (15% HCL, 25-75 mixture). RU acid company and spot 3.5 bbls acid across perf interval while PUH w/ packer to 2700'. Flush backside with 5 bbls of KCL water. Set pkr. Pump acid below using 40 (1.1 SG) ball sealers. Drop a ball after approximately each 1.5 bbls of acid pumped. Displace with 16 bbls of KCL water. Hold 500 psi on tbg backside during acid job.

Stimulate:

Service Co* DOWEL DOWELL-SCHLUM
Type Fluid* DAD ACID ACID, OTHER
Total Acid Vol 3000 (Gals)
Max Rate **** (BPM)
Max press 2000 (PSI)
Type Diverter* PERFORAT PERFORATION BALL SEALERS
Upper Depth 2823 (ft)
Lower Depth 2856 (ft)
Flush Vol 17 (bbls)

Additives:

Function*	amt	Brand name
<u>INHI</u> ACID INHIBITOR	<u>2 gpt</u>	<u>A-200</u>
<u>FECO</u> IRON CONTROL ADDIT	<u>10 gpt</u>	<u>U-42</u>
<u>OTHR</u> OTHER	<u>15 gpt</u>	<u>U-74 Dispersant</u>
<u>CLAY</u> CLAY STABILIZER	<u>4 gpt</u>	<u>L-55</u>

26. RD Dowell. Unset pkr and lower to bottom perf to knock balls off of perfs. PU packer to previous depth and set pkr. RU swab line. Swab well to determine fluid entry and to recover load. When load is recovered note oil cut if any and contact Jon Snell at 688-6244 to discuss next step. It may also be necessary to shut the well in and obtain a static bottomhole pressure. Contact Trish Plemons at 688-6732 to discuss this before proceeding. Low fluid entry with a good oil cut and adequate bottomhole pressure will require the following frac procedure, otherwise skip to step 29 only if agreed to by Jon Snell in the Midland office.

***** FRAC OF UPPER CHERRY CANYON *****

27. RU Dowell to nitrogen frac well as follows. Test treating lines