

Route: BTM/DJP/MOB/BKF/WELL FILE

LANGLEY GRIFFIN #1 Scab Liner / Acidizing Procedure

Langley Griffin #1 (Strawn)

1980' FSL & 1980' FEL

Sec. 28, T22S, R36E

Lea Co., New Mexico

Stimulation Vendor: BJ Services

Downhole tools vendor: Baker Oil Tools

AFE 17353 (Supplementing)

APC WI 80.1314%

KB-GL 20'

1. MIRU PU. TIH with bit and scraper. MIRU foam unit.
2. Drillout cement from 5006' to top of sand on RBP. Reverse up sand to surface. TOH with bit.
3. TIH with RBP retrieving tool. Retrieve RBP, reversing off sand as necessary. TOH with RBP.
4. TIH with packer and RBP. Set packer @ 9500' +/- . Test profile plug in on/off tool @ 12,300. If test shows a leak, reset packer to make sure plug is leaking. If plug is leaking, we will dump sand on packer and set a CIBP after the acid job.
5. Set RBP @ 8900' +/- . Pickle tubing by pumping 1000 gal 15% NEFE (using NEFE, since we cannot reverse back up). Flush to packer with 2% KCL. Swab back spent acid and flush, since well will not circulate.
6. Unset RBP. TIH and reset RBP @ 9310 +/- . Set packer @ 8900' +/- .
7. Acidize Strawn perms (9024-9270 OA) with 1500 gal 15% NEFE according to the following schedule. Pump at 6-8 BPM, but do not exceed 2500 psig treating pressure. Use spacer brine to determine salt requirements for second block stage. Have 300 pounds of 100 mesh RS and 600 pounds of GRS brought to location in case second block size has to be increased.
 - a. 400 gal 15% NEFE
 - b. 200 pounds GRS in salt saturated gel
 - c. 100 pounds 100 mesh RS in salt saturated gel
 - d. 500 gal 15% NEFE
 - e. 40 bbl 10 ppg brine as spacer to evaluate block
 - f. 200 pounds GRS in salt saturated gel - ADJUST
 - g. 100 pounds 100 mesh RS in salt saturated gel - ADJUST
 - h. 600 gal 15% NEFE
 - i. Flush with 60 bbl 2% KCL

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RHW - 6/10/98

