

LEASE Hudson E

WELL NO. 1

16 "OD, 60 LB, CSG.W/ 10 SX

TOC @ Surface?

7 "OD, 20 LB, CSG.W/ 50 SX

TOC @

DETAILED PROCEDURE

1. MIRUPU. Blow dn csq & tbq to atmosphere. Kill well w/water if necessary.
2. Install Radiqan tbq BOP & pull 1" syphon string.
3. Install Larkin type K 7 x 3½ head. Install double ram BOP.
4. Run 3½ 9.2# J-55 NUE 10rd tbq to 1901' PBTD. Use centralizers on 4th, 6th & 8th jt & every 4 jts thereafter. Use slotted BP shoe & omega latch dn baffle on bottom.
5. Displace 3½" csq w/water, then cement in place w/170 SX 65-35 cement having 12½% gel, 12½ #/SX gilsonite followed by 80 SX B cement w/4% gel, 2% CaCl₂, 12½ #/SX gilsonite. Flush lines, drop omega wiper plug & displace w/100 gals 10% acetic acid followed by water. Do not overdisplace. WOC 12 hrs.
6. Install Larkin type MX 3½ x 1½ tbq head. Install ROPE.
7. RIH w/1½" IJ tbq & circulate hole clean using 1% KCL water. Spot 100 gals 15% DI HCL across zone.
8. Run GR/CNL/CCL & perf' porosity using 2-1/8" Hyperdome 11 expendable hollowcarrier gun (2 SPF).
9. Breakdown perfs w/1% KCL water. Obtain rates & pressures. Spearhead 500 gals 15% HCL & foam frac per attached schedule using 30,000# 10-20 sand. RD frac trucks & flow back to pit.
10. After cleanup, run 1½" 2.4#, J-55 IJ 10rd tbq & CO to bottom. Land tbq 1 jt off bottom. Blow well through tbq to pit.
11. RDMOPU.

1908' PBTD

(Gravel)

1955' TD