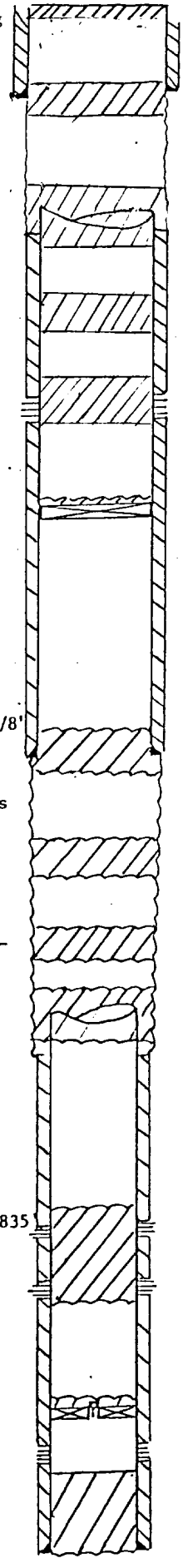
Sorenson Com. No. 1
Sec. 14, T23S, R26E
Eddy County, New Mexico

Proposed Cement Plugs



30' Surface Plug

70 sx across 13-3/8" csg shoe

13-3/8" (461.42' 48# H-40 & 81.38' 61# K-55) Csg. set at 542.80'. Cmtd w/300 sx. Class "C" w/2% $CaCl_2$ + ½# Flocele/sx. Tailed in w/400 sx Class "C" w/2% $CaCl_2$ + ¼# Flocele/sx, cmt. circ. to surface.

Cut and Pull 9-5/8"
70 sx across casing stub

Temperature Survey; top cement 1490'

45 sx over interval
1800'-1675'

45 sx over interval
2545'-2670'

Delaware Perfs. 2 hpf
Interval 2645-2665'

CIBP set at 2800' w/2 sx cmt on top.

Pmp'd 35 sx over base of 9-5/8' casing

9-5/8" (1647.75' 40# K-55, 3684.10' 36# K-55) Csg. set @ 5328.85'. Cmtd w/1500 sx. HOWCO Lite Wate w/7½# salt/sx + ¼# Flocele sx. Tailed in w/300 sx Class "C"

Pmp'd 35 sx over Bone Springs
6377-6477'

Pmp'd 35 sx over top of Wolf-camp 8676-8776'

35 sx over casing stub at 10,130'

Top 5½" csg stub 10,130'

Temperature Survey top cement @ 10,260'

45 sx over perfs. 11,222-10,835'

Strawn Perfs. 2 hpf 10,889-10,902'

Atoka Perfs. 2 hpf 11,161-11,172'

5 sx cement on top
Otis XLB Production Pkr. @ 11,620'
Otis SN Blanking Plug in packer
PBTD 11,835'

Morrow Perfs. 2 hpf
11,732-738'
11,743-758'
11,763-778'

5½" (17# S-95, 17# K-55 & 15.5# K-55) csg set @ 12,192'. Cmtd w/450 sx Class "H" cmt. w/1% CFR-2 + 5# salt/tx.

TD: 12,097'