

**CURRENT WELL SCHEMATIC**

Well Name Hovenweep HA-3  
Pilot API # 05-083-6383  
S/T API # : N/A  
Section 30 Township 38N Range 18W  
Surface Hole: 190.0' FNL & 1539.0' FEL Sec. 30, T38N R18W NMPM Elevation 6700.0'

Spud Date: 7/1/1996  
Pilot Completion Date: 7/21/1996  
S/T Completion Date: N/A

Updated: ACaudill 7/7/14

**Conductor Casing**

Size 14 in  
Set at 80 ft Conductor @ 80 ft

**Conductor Cement**

Unknown

**Surface Casing**

Size 9-5/8 in  
Set at 2865 ft  
Wt. 36 ppf Grade ? surface to 2865 ft  
Hole Size 12-1/4 in  
Est. T.O.C. surface ft

**Surface Cement**

Date Cemented: 7/5/1996  
Lead : 800 sx 50/50, 2% CaCl2, .25lb/sk flocele, 2% gel, .5lb/sk Versaset  
Tail : 300 sx Class G, 2% CaCl2  
Note : \_\_\_\_\_

Csg Shoe @ 2865 ft

**Production Casing**

Size 7 in  
Wt. 29 ppf Grade 13 CR from surface to 6530 ft  
Wt. 32 ppf Grade 13 CR from 6530 to 7840 ft  
Wt. 29 ppf Grade 13 CR from 7840 to 8240 ft  
Hole Size 8-3/4 in  
Est. T.O.C. surface ft

**Prod Cement**

Date Cemented: 7/19/1996  
Lead: 350 cf 25/75 class G, 4% gel, .5% Halad-344, .4% CFR-3  
Tail: \_\_\_\_\_  
Note : Stage 1 8265' to 7840'

Tubing Run Date: NA

Date Cemented: 7/19/1996  
Lead: 1750sx class G, 6% gel, 3% KCl, 5% Microbond M, .8% Halad-9, .1% SCR-100, .1% D-Air1  
Tail: 900sx 50/50 class G, 6% gel, 3% KCl, 5% Microbond M, .5% Halad-344, .2% CFR-3, .1% D-Air1  
Note : Stage 2 7840' to surface

Top of Leadville @ ~8197'

Csg Shoe @ 8240 ft

Acid Date: Unknown  
Acidize OH w/ 5000 GAL 28% HCL  
Interval 8238'-8352'

TD Date: 7/21/1996  
6" OH TD 8352'