

**CURRENT WELL SCHEMATIC**

Well Name: HF #3 Spud Date: 4/15/2007 Rig Release Date: 5/27/2007  
API #: 05-083-06646  
Section 7 Township 37N Range 18W Completion Date: \_\_\_\_\_  
Surface Hole: 828' FNL, 84' FWL Section 27, T37N R18W NMPM Elevation 6636'

**Conductor Casing**

Size 14 in  
Set at 80 ft  
Hole Size 24 in

Conductor @ 80 ft

**Conductor Cement**

cement with ready-mix to surface

**Surface Casing**

Size 9 5/8 in  
Set at 2910 ft  
Wt. 36 ppf Grade K-55 surface to 2910 ft  
Hole Size 12 1/4 in  
Est. T.O.C. surface ft

Csg Shoe @ 2910 ft

**Surface Cement**

Date Cemented: 4/20/2007  
Lead : 800 sx 65/35/Poz, 6%gel, 1/8% Polyflake,  
5# Gilsomite  
Tail : 300 sx Class G, 1/8% Polyflake, 1/10% Halad-9  
Note : circ 291 sx to pit, 60sx Class G for top job

**Production Casing**

Size 7 in  
Wt. 29 ppf Grade 13 CR from surface to 5863 ft  
Wt. 32 ppf Grade 13 CR from 5863 to 7752 ft  
Wt. 29 ppf Grade 13 CR from 7752 to 8110 ft  
Hole Size 8-3/4 in  
Est. T.O.C. surface ft

**Prod Cement**

Date Cemented: 5/14/2007  
Lead: 1850 sx 50/50/G/Poz, 2% gel, 2/10% Veraset  
foamed w/ N2  
Tail: 300 sx 50/50/G/Poz, 2% gel, 2/10% Veraset  
Note : circ 196 sx to pit, 100 sx Class G down BS

**Tubing** NA

Csg Shoe 8110 ft

KOP 8115'

Open hole 4-3/4" 8115 - 9489' MD  
TVD 8219'

6" Pilot Hole TD 8270'