

CURRENT WELL SCHEMATIC

Well Name Hovenweep HB-6

Pilot API # 05-083-06699-00

S/T API # : 05-083-06699-01

Section 36 Township 38N

Range 19W

Surface Hole: 1138' FNL, 2443' FEL Section 36, T38N R19W NMPM Elevation 6317'

Spud Date: 3/2/2013

Pilot Completion Date: 4/1/2013

S/T Rig Release Date: 4/17/2013

Updated: 11/6/13 VC

Conductor Casing

Size 14 in

Set at 104 ft

Conductor @ 104 ft

Conductor Cement

cement with ready-mix to surface

Surface Casing

Size 9-5/8 in

Set at 3486 ft

Wt. 36 ppf Grade K-55 surface to 3486 ft

Hole Size 12-1/4 in

Est. T.O.C. surface ft

Csg Shoe @ 3486 ft

Surface Cement

Date Cemented: 3/11/2013

Lead : 940 sx HALCEM, .1% Halad®-9,

1/8# Poly-E-Flake, 5# Kol-seal

Tail : 385 sx HALCEM, .1% Halad®-9,

1/8# Poly-E-Flake

Note : circ 110 bbls to pits, 29 sx top job to surface

Production Casing

Size 7 in

Wt. 29 ppf

Wt. 32 ppf

Wt. 29 ppf

Hole Size 8-3/4 in

Est. T.O.C. surface ft

Grade 13 CR from surface to 5823 ft

Grade 13 CR from 5823 to 7429 ft

Grade 13 CR from 7429 to 7909 ft

Prod Cement

Date Cemented: 3/27/2013

Lead: 1800 sxs HALCEM, .2% Versaset,

.15% Halad-766, 1.5% Chem-Foamer 760

Tail: 300 sx HALCEM, .2% Versaset

.2% Halad-766

Note : circ 100 bbls to pits, 100 sx top job to surface

Tubing Run Date: NA

Top of Leadville @ ~7888'

Csg Shoe @ 7909 ft

TD Date: 4/1/13

PBTD/KOP 7914'

Plugback Cement

Date Cemented 3/30/2013

Lead: 120 sx PLUGCEM, .4% HR-5, .2% CFR-3

1/8# Poly-E-Flake

Note: balanced plug

TD Date: 3/29/13

6" OH TD 8085'

TD Date: 4/12/13

4-3/4" OH 7914' - 9890' MD

8077' TVD