

CURRENT WELL SCHEMATIC

Well Name Doe Canyon 14 (DC-14)
Pilot API # 05-033-06177-00
S/T API # : 05-033-06177-01
Section 14 Township 40N Range 18W
Surface Hole: 987' FSL, 2384' FEL Section 14, T40N R18W NMPM Elevation 7105'

Spud Date: 7/20/2013
Pilot Completion Date: 8/20/2013
S/T Completion Date: 9/30/2013

Updated: 10/7/13 VC

Conductor Casing

Size 20 in
Set at 105 ft Conductor @ 105 ft

Surface Casing

Size 9-5/8 in
Set at 2355 ft
Wt. 36 ppf Grade J-55 surface to 2355 ft
Hole Size 12-1/4 in
Est. T.O.C. surface ft

Csg Shoe @ 2355 ft

Production Casing

Size 7 in
Wt. 29 ppf Grade 13 CR from surface to 5807 ft
Wt. 32 ppf Grade 13 CR from 5807 to 8126 ft
Wt. 29 ppf Grade 13 CR from 8126 to 8364 ft
Hole Size 8-3/4 in
Est. T.O.C. surface ft

Tubing Run Date: NA

Acid Date: 9/22 & 27/13
Acidize OH w/ 30,275gal 28% HCl in two runs
(10,275 gal & 20,000 gal)

Top of Leadville @ ~8284'
TD Date: 8/20/13
PBSD/KOP 8321'

Csg Shoe @ 8364 ft

Pilot Cement

Date Cemented: 8/18/2013
Lead: 100 sx Class G, .4% HR-5, .2% CFR-3,
1/8# poly-e-flake
Note: balanced plug

TD Date: 8/17/13
6" OH TD 8502'

Conductor Cement

cement with ready-mix to surface

Surface Cement

Date Cemented: 7/25/2013
Lead : 800 sx Halcem, .1% Halad@-9, 1/8# poly-e-flake
5# Kol-seal
Tail : 300 sx Halcem, .1% Halad@-9, 1/8# poly-e-flake
Note : Circ 200bbls to pits, top out w/ 30 sx Class G

Prod Cement

Date Cemented: 8/13/2013
Lead : 2000 sx 50/50/POZ, .2% Versaset, .15% Halad-766
1.5% Chem-foamer 760
Tail : 300 sx 50/50/POZ, .2% Versaset, .2% Halad-766
Note : circ 270 bbls to pits, 100 sx Class G cap cmt

KOP Date: 8/20/13
KOP off whipstock @ 8314'

TD Date: 9/5/13
Open Hole 4-3/4" 8314' - 10369' MD
8510' TVD