

CURRENT WELL SCHEMATICWell Name Yellow Jacket G-2Pilot API # 05-083-06695-00S/T API # : 05-083-06695-01Section 14 Township 37N Range 18WSurface Hole: 1524' FSL, 1664' FWL Section 14, T37N R18W NMPM Elevation 6623'Spud Date: 10/25/2012Pilot Completion Date: 3/21/2013S/T Completion Date: 4/8/2013TA Date: 1/14/2016

Updated: 1/19/16 VHC

Conductor CasingSize 14 inSet at 105 ftConductor @ 105 ft**Conductor Cement**

cement with ready-mix to surface

Surface CasingSize 9-5/8 inSet at 3015 ftWt. 36 ppf Grade K-55 surface to 3015 ftHole Size 12-1/4 inEst. T.O.C. surface ftCsg Shoe @ 3015 ft**Surface Cement**Date Cemented: 10/29/2012Lead : 800 sx HALCEM™, .1% HALAD®-9, 5# KOL-SEAL1/8# POLY-E-FLAKETail : 300 sx HALCEM™, 1/8# POLY-E-FLAKE, .1%

HALAD®-9

Note : circ 119 bbls to pits; top out w/ 144 sx**Production Casing**Size 7 inWt. 29 ppfWt. 32 ppfWt. 29 ppfHole Size 8-3/4 inEst. T.O.C. surface ftGrade 13 CR from surface to 5869 ftGrade 13 CR from 5869 to 7835 ftGrade 13 CR from 7835 to 7995 ftCasing Evaluation Log indicates
casing damage 4456' to 4890'
pressure tested to 1000psi**Prod Cement**Date Cemented: 11/18/2012Lead: 1460 sx 50/50/POZ, .2% VERSASET, .15%HALAD-766, 1.5% CHEM-FOAMER 760; 1.43 yieldTail: 300 sx 50/40/POZ, .2% VERSASET, .25%HALAD-766; 1.28 yieldNote : circ 50 bbls to pits, top out csg w/ 100 sxAcid Date: 4/4/13

Acidize OH w/ 10,000 gal 28% HCl

Top of Leadville @ 7969'

Set Date: 1/14/16Alpha Model B Sleeve CR Set @ (25' KB) 7975 ftCsg Shoe @ 7995 ftTD Date: 3/21/13

PBTD/KOP@ 8001'

Plugback Cement 2Date Cemented: 3/19/2013Lead: 101 sx Halcem, .3% HR-5, .2% CFR-3Note: balanced plug

Top of Fish @ 8030'

Set Date: 12/2/12OH CR Set @ 8086 ftTD Date: 4/1/13

4-3/4" OH 8001' - 8499' MD

8124' TVD

Plugback CementDate Cemented: 11/18/2012Lead: 300 sx Class G, .3% HR-5, .2% CFR-3Note: DP parted @ 4330' cementing DP in hole.TD Date: 11/29/12
6" OH TD 8184'Core Date: 11/24-29/12

Cored OH 8003' to 8178'