

PROPOSED WELL SCHEMATIC

Well Name Goodman Point #12 (GP #12)

Pilot API # 05-083-06634-00

S/T API # : 05-083-06634-01

S/T 2 API # 05-083-06634-02

S/T 3 API # 05-083-06634-03

S/T 4 API # 05-083-06634-04

S/T 5 API # 05-083-06634-05

Section 6 Township 36N

Range 17W

Surface Hole: 793' FSL, 250' FEL Section 6, T36N R17W NMPM Elevation 6860'

Updated: 7/10/13 VHC

Spud Date: 12/19/2007

Pilot Completion Date: 2/16/2008

S/T Completion Date: 2/25/2008

S/T 2 Completion Date Date: 3/2/2008

S/T 3 Completion Date Date: 3/13/2008

S/T 4 Completion Date Date: 5/4/2013

S/T 4 Completion Date Date: 6/15/2013

Conductor Casing

Size 14 in

Set at 79 ft

Conductor @ 79 ft

Conductor Cement

cement with ready-mix to surface

Surface Casing

Size 9-5/8 in

Set at 3206 ft

Wt. 36 ppf Grade K-55 surface to 3206 ft

Hole Size 12-1/4 in

Est. T.O.C. surface ft

Surface Cement

Date Cemented: 12/27/2007

Lead : 800 sx 65/35/G/POZ, 6% Gel, 1/8# Polyflake,

5# Gilsontite

Tail : 300 sx Class G, 0.1% Halad-9, 1/8# PolyFlake)

Note : circ 198 sx to pit

Production Casing

Size 7 in

Wt. 29 ppf Grade 13 CR from surface to 5632 ft

Wt. 32 ppf Grade 13 CR from 5632 to 7562 ft

Wt. 29 ppf Grade 13 CR from 7562 to 7886 ft

Hole Size 8-3/4 in

Est. T.O.C. surface ft

Prod Cement

Date Cemented: 1/15/2008

Lead: 1800 sx 50/50/G/POZ, 0.2% Versaset,

0.2% Diacel, 1% Zoneseal, 0.1% Scr-100, foamed w/ N2

Tail: 300 sxs 50/50/G/POZ, 0.2% Veraset, 0.2% Diacel

Note : Bumped plug, circ 55 bbl to pit, top out 100 sx

Tubing

NA

Lateral Cement (-04)

Date Cemented: 5/4/2013

Lead: 100 sx Class G, .3% HR-5, 2% CRF-3

Note: balanced plug

TD Date: 5/5/13 (-04)

PBTD/KOP 7890'

TD Date: 5/25/13 (-05)

Open hole 4-3/4" 7891' - 9860' MD

TVD 8021'

Acid Date: 6/15/13 (-05)

Acidize OH w/ 950bbl 28% HCl

Pilot Cement (-00)

Date Cemented 2/10/08 & 2/14/08

Lead: 115 sx & 90 sx Class G

Note: balanced plug 8047' to inside 7" csg

Note: sqzd cmt under OH cement retainer (CR)

Lateral Cement (-01)

Date Cemented 2/25/2008

Lead: 100 sx Class G

Note: balanced plug to inside 7" csg

Csg Shoe @ 7886 ft

TD Date: 2/24/08 (-01)

Open hole 4-3/4" 7888' - 8045' MD

TVD 8019'

Lateral Cement (-02)

Date Cemented 3/1/2008

Lead: 60 sx sx Class G

Note: balanced plug to inside 7" csg

Acid Date: 2/11/08 & 3/9/08

Acidize OH w/ 10000 gal 28% HCl (5000 gal each)

TD Date: 2/10/08

PBTD 8047'

Set Date: 2/10/08

CR Set @ 8049 ft

TD Date: 1/18/08 (-00)

Pilot Hole TD 8170'

Lateral Cement (-03)

Date Cemented: 4/18 & 21/13

Lead: 50 sx Halcem + 75 sx Plugcem

Note: CR set @ 7848', sqz then balanced plug

TD Date: 4/23/13 (-03)

PBTD/KOP 7891'

TD Date: 5/2/13 (-04)

Open hole 4-3/4" 7891' - 9119' MD

TVD 8084'

TD Date: 2/16/08 (-00) & 2/25/08 (-01)

PBTD/KOP 7888'

TD Date: 3/2/08 (-02)

PBTD/KOP 7893'

TD Date: 2/24/08 (-01)

Open hole 4-3/4" 7888' - 8045' MD

TVD 8019'

TD Date: 2/28/08 (-02)

Open hole 4-3/4" 7888' - 8151' MD

TVD 8043'

TD Date: 3/7/08 (-03)

Open hole 4-3/4" 7893' - 8084' MD

TVD 8039'