

CURRENT WELL SCHEMATIC

Well Name Doe Canyon #5 (DC #5)

Pilot API # 05-033-06130-00

S/T API # : 05-033-06130-01

Section 18 Township 40N

Range 17W

Surface Hole: 1504' FNL, 260' FEL Section 18, T40N R17W NMPM Elevation 7343'

Spud Date: 6/2/2007

Pilot Completion Date: 10/20/2007

S/T Completion Date: Plugged Back

Completion Date: 1/17/2008

Conductor Casing

Size 14 in

Set at 75 ft

Conductor @ 75 ft

Conductor Cement

cement with ready-mix to surface

Surface Casing

Size 9-5/8 in

Set at 2654 ft

Wt. 36 ppf Grade K-55 surface to 2654 ft

Hole Size 12-1/4 in

Est. T.O.C. surface ft

Csg Shoe @ 2654 ft

Surface Cement

Date Cemented: 6/8/2007

Lead : 800 sx 65/35/STD/POz, 6% Gel, 5# sk Gilsonite,

Tail : 300 sx Class G, 1/8# Polyflake, 1/10% HALAD-9

Note : circ 286sx to pit, 60sx Class G down BS (1")

Production Casing

Size 7 in

Wt. 29 ppf

Grade 13 CR from surface to 5594 ft

Wt. 32 ppf

Grade 13 CR from 5594 to 8310 ft

Wt. 29 ppf

Grade 13 CR from 8310 to 8510 ft

Hole Size 8-3/4 in

Est. T.O.C. surface ft

Prod Cement

Date Cemented: 7/4/2007

Lead: 2000 sx 50/50/G/POZ, 2% gel, 2/10% Versaset

Foamed w/ N2

Tail: 300 sxs 50/50/G/POZ, 2% gel, 2/10% Versaset

Note : 560sx to pit, 100sx Class G down BS

Tubing

NA

left fish in hole @ 6079' side tracked around fish @ 5888'

Csg collapsed @ 8191' - 8194'
Milled through csg on 12/5/07 & 1/9/08

Csg Shoe 8510 ft

PBTD/KOP 8516'

1/17/2008 OH cemented back @ fish left in well
11/3/2007 Open hole 4-3/4" 8516 - 8701' MD
TVD 8639'

6" Pilot Hole TD 8684'