



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Henrickson Federal 35N-18HZ (Horizontal Hole Section)
Location: Section 7, T3N, R66W, Weld County, CO.
License Number: API: 05-123-37672
Spud Date: August 28, 2013
Surface Coordinates: NESW Sec 7 T3N R66W; 1825' FSL & 2078' FEL
Lat N 40.236828 Long W -104.822441
Bottom Hole Coordinates: SESW Sec 18 T3N R66W; 470' FSL, 2333' FWL

Ground Elevation (ft): 4794'
Logged Interval (ft): 6598'
Formation: Pierre Sands/Shales, Niobrara, Niobrara B Target
Type of Drilling Fluid: Water & Poly to 6,598', LSND 6598'-14,050'

To: 14,050'

K.B. Elevation (ft): 4810'
Total Depth (ft): 14,050' DTMD

Region: Wattenberg, DJ Basin
Drilling Completed: September 4, 2013

Printed by HORIZONTAL.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Kerr-McGee Oil & Gas Onshore LP
Address: Granite Tower - 1099 18th St, Ste 1800
Denver, CO 80202
CO Geologist, John Morgan

GEOLOGIST

Name: Andrew Krueger & Ian Harris
Company: Goolsby Brothers & Assoc. (GBA), Inc. (www.goolsbybrothers.com)
Address: 575 Union Blvd.
Suite 208,
Lakewood CO. 80228

E-logs

MWD GR 1028' - 14,001'


Casing


9 5/8" Surface Casing set @ 1018' MD
7" Intermediate Casing set @ 7621'
4 1/2" Production Liner hung 09/05/2013, landed @ 14040'


Comments

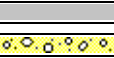
1) Drilling Contractor: Xtreme Drilling, Rig #20
Toolpusher: Tyler Humphrey & Brad Henderson
2) Company Man: Ricky Carrol & Marvin Hackworth
3) Mud Comapny : Imperial Drilling Fluids
Engineer: Jeremy Smith
4) Directional Drilling: Baker Hughes
Pulse Tool
Drillers: Barry Combs, Scott Stanford
MWD: Robert Dix, Matt Yule
5) Gas Equipment: Mudlogging Systems Inc.
by Terra Services
Redbox # ML-317 & Ratcliff Agitator


ROCK TYPES


Anhy Bent


Brec Cht

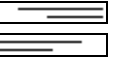
Clyst Coal


Oil sat. Congl


Dol Gyp

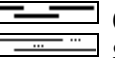
Lmst Mrlst

Salt Shale


Shcol Shgy


Ss Sltst


Ss Chalk


Carb sh Sltly sh


MINERAL


Anhy


Arggrn


Arg


Bent


Bit


Brecfrag


Calc


Carb


Chtdk


Chtlt


Dol


Feldspar


Ferrpel


Ferr


Glau


Gyp


Hvymin


Kaol


Marl


Minxl


Nodule


Phos


Pyr


Salt


Sandy


Silt


Sil


Sulphur


Tuff


FOSSIL


Algae


Amph


Belm


Bioclst


Brach


Bryozoa


Cephal


Coral


Crin


Echin


Fish


Foram


Fossil


Gastro


Oolite


Ostra

Pelec


Pellet

Pisolite


Plant


Strom


STRINGER


Chlkstg

Anhy


Arg


Bent


Coal


Dol

Gyp


Ls


Mrst


Sltstrg


Ssstrg


TEXTURE


Boundst


Chalky


Cryxln


Earthy


Finexln


Grainst

Lithogr


Microxln


Mudst


Packst


Wackest


OIL SHOWS


Even

Spotted


Ques


Dead


Vspotty


near even


POROSITY TYPE


Earthy


Fenest


Fracture

Inter

Moldic


Organic


Pinpoint


Vuggy


OTHER SYMBOLS

ROUNDING


Rounded


Subrnd


Subang

Angular

SORTING

Well

Moderate

Poor

