



GOOLSBY BROTHERS  
and associates, inc.

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Lakewood, CO 80228  
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Geological Wellsite  
Supervision



www.goolsbybrothers.com



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

Well Name: Weichel 14N-11HZ (Horizontal Hole Section)  
Location: Section 14, T2N, R65W, Weld County, CO.  
License Number: API: 05-123-35149  
Spud Date: 9/22/12  
Surface Coordinates: SESW Sec 14 T2N R65W; 215' FSL 2291' FWL  
Lat N 40.131907 Long W -104.632443  
Bottom Hole Coordinates: SESW Sec 11 T2N R65W; N-S: 5114.85'; E-W: -105.33' 5115.93'

Region: DJ Basin, Wildcat  
Drilling Completed: 9/30/12

Ground Elevation (ft): 4885'  
Logged Interval (ft): 6337'  
Formation: Pierre Sands/Shales, Niobrara Target  
Type of Drilling Fluid: Water & Poly to 930', LSND 930'-11941'

To: 11941'

K.B. Elevation (ft): 4901'  
Total Depth (ft): 11941' DMTD

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, Kyle Bracken

E-logs

PULSE MWD GR 6289'-11941'

Casing

9 5/8" Surface Casing set @ 930'  
7" Intermediate Casing set @ 7242'  
4 1/2" Production Liner hung 10/04/2012, landed @ 11,931'

Comments

1) Drilling Contractor: Xtreme Drilling, Rig #20  
Toolpusher: Tyler Humphrey & Brad Henderson

2) Company Man: Marvin Hackworth, Ricky Carrol & James Atkins

3) Mud Comapny : Imperial Drilling Fluids  
Engineer: Jeremy Smith

4) Directional Drilling: Baker Hughes  
Pulse Tool  
Drillers: Scott Stanford  
MWD: Robert Dix, Matt Yule

5) Gas Equipment: Mudlogging Systems Inc.  
by Terra Services  
Redbox # ML148 & Ratcliff Agitator

ROCK TYPES

Anhy

Bent

Brec

Cht

Clyst

Coal

Oil sat.

Congl

Dol

Gyp

Igne

Lmst

Meta

Mrlst

Salt

Shale

Shcol

Shgy

Ss

Sltst

Ss

Chalk

Carb sh

Sltly sh

ACCESSORIES

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

OTHER SYMBOLS

POROSITY TYPE

Earthy

Fenest

Fracture

Inter

Moldic

Organic

Pinpoint

Vuggy

SORTING

Well

Moderate

Poor

ROUNDING

Rounded

Subrnd

Subang

Angular

OIL SHOWS

Even

Spotted

Ques

Dead

Vspotty

near even

INTERVALS

Core

Dst

EVENTS

Rft

Sidewall

Off bottom

conn

Survey(red)

bit

casingrh

casingh















