



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

Well Name: Xcel 22C-22HZ
Location: Section 27, T1N, R67W, Weld County, CO..
License Number: API: 05-123-38389
Spud Date: January 22, 2014
Surface Coordinates: SWSW Sec 27 T1N R67W; 526' FSL, 403' FWL
LAT: 40.016268 LONG: -104.884610
Bottom Hole Coordinates: NWSW Sec 22 T1N R67W; 2165' FSL; 1131' FWL

Ground Elevation (ft): 5,026'
Logged Interval (ft): 7,350'
Formation: Pierre Shales/Sands, Niobrara, Codell Target
Type of Drilling Fluid: Water & Poly to 7116', LSND 7116'-14910'

To: 14,910'

K.B. Elevation (ft): 5,042'
Total Depth (ft): 14,910' DMTD

Region: Wattenberg, DJ Basin
Drilling Completed: February 3, 2014

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OPERATOR

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

GEOLOGIST

Name: Larry Goolsby & Blake Stacey
Company: Goolsby Brothers & Assoc. (GBA), Inc. (www.goolsbybrothers.com)
Address: 575 Union Blvd.
Suite 208,
Lakewood CO. 80228

MWD GR 7100' - 14863.5'

E-logs

9 5/8" Surface Casing set @ 1081' MD
7" Intermediate Casing set @ 8399' MD
4 1/2" Production Liner hung 02/6/2013, landed @ 14,900'

Casing

1) Drilling Contractor: Xtreme Drilling, Rig # 23
2) Directional Drilling: DRILLTECH LLC
MWD/LWD: DRILLTECH LLC
3) Gas Equipment: Mudlogging Systems Inc.
by Terra Services Redbox # ML-TGC 326 & Ratcliff Agitator

Comments

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

ROCK TYPES

MINERAL

Anhy

Arggrn

Arg

Bent

Bit

Brecfrag

Calc

Carb

Chtdk

Chtlt

Dol

Feldspar

Ferrpel

Ferr

Glau

Gyp

Hvymn

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

ACCESSORIES

OIL SHOWS

Even

Spotted

Ques

Dead

Vspotty

near even

POROSITY TYPE

Earthy

Fenest

Fracture

Inter

Moldic

Organic

Pinpoint

Vuggy

ROUNDING

Rounded

Subrnd

Subang

Angular

SORTING

Well

Moderate

Poor

OTHER SYMBOLS















