



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

Well Name: Butterball 28C-15HZ
Location: Section 10, T2N, R67W, Weld County, CO.
License Number: API# 05-123-37907
Spud Date: 23 October 2013
Surface Coordinates: 639' FNL & 2,495' FWL NE NW Sec 10 T2N R67W
Lat: 40° 09' 31.050" N; Long: -104° 52' 37.018" W
Bottom Hole Coordinates: 473' FSL & 2,461' FWL SE SW Sec 15 T2N R67W
Lat: 40° 07' 55.946" N; Long: -104° 52' 37.716" W
Ground Elevation (ft): 4935'
Logged Interval (ft): 6950' To: 16,697'
Formation: Niobrara - Codell Sandstone
Type of Drilling Fluid: Water Base Mud-Vertical, Synthetic Based Oil Mud-Horizontal.

Region: Wattenberg
Drilling Completed: 4 November 2013

K.B. Elevation (ft): 4951'
Total Depth (ft): 16,697'

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OPERATOR

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

GEOLOGIST

Name: Robert Nordek / Andrew Krueger / Steve Schindler /
Company: Goolsby Brothers & Assoc. (GBA), Inc. (www.goolsbybrothers.com)
Address: 575 Union Blvd.
Suite 208,
Lakewood CO. 80228

E-logs

MWD Gamma 6850' - 16,697'

Casing

9 5/8" Surface Casing set @ 1030'
7" Casing Set @ 7914'
4.5" Liner Set to 16,682'

Comments

1) Drilling Contractor: Xtreme Drilling, Rig # 22
Rig Manager: Mike Headley / Tyler Humphrey
2) Company Man: Butch Beddingfield/ Scott Hancock
Dave Cornett / Hal Curlett
3) Well Site Geologists: Goolsby Brothers & Assoc. :
Robert Nordeck / Andrew Krueger / Steve Schindler / Jack Rogers
4) Mud Company : AES Drilling Fluids,
Mud Engineer: Sam Evans / Michael Cook
5) Directional Drilling: Sperry / Halliburton
Drillers: Randy Bernatow,
MWD: Clay Wass / Caleb Jones
6) Gas Equipment: Mudlogging Systems Inc.
by Terra Services
Redbox # ML-058 w/ 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

ACCESSORIES

MINERAL

Anhy

Arggrn

Arg

Bent

BitCarbGypSalt

FOSSIL

AlgaeCoralOstra

STRINGER

ChlkstgLs

TEXTURE

BoundstCryxlnWackest

OIL SHOWS

- Even
- Spotted



Ques



Dead



Vspotty



near even

POROSITY TYPE

- Earthy
- Fenest



Fracture



Inter



Moldic

OTHER SYMBOLS



Organic



Pinpoint



Vuggy

ROUNDING

- Rounded
- Subrnd



Subang



Angular

SORTING

- Well
- Moderate



Poor











































