



GOOLSBY BROTHERS
and associates, inc.

575 Union Blvd, Suite 208
Lakewood, CO 80228
303-945-2860 Office

Geological Wellsite
Supervision


www.goolsbybrothers.com



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

Well Name: Grenemyer 36C-3HZ
Location: Section 34, T1N, R67W, Weld County, CO..
License Number: API: 05-123-38417
Spud Date: February 17, 2014
Surface Coordinates: NWNE Sec 34 T1N R67W; 689' FNL, 1650' FEL
LAT: 40.046663 LONG: -104.5223142
Bottom Hole Coordinates: NWSE Sec 3 T1S R67W; 2051' FSL; 1750' FEL

Ground Elevation (ft): 5,052'
Logged Interval (ft): 7,200'
Formation: Pierre Shales/Sands, Niobrara, Ft. Hays, Codell Target
Type of Drilling Fluid: Water & Poly to 6700', LSND 6700' - 8218', OBM 8218' - 16020'

To: 16020'

K.B. Elevation (ft): 5,068'
Total Depth (ft): 16020' DMTD

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

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

MWD GR 7000' - 16020'


E-logs

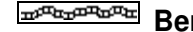
9 5/8" Surface Casing set @ 1093' MD
7" Intermediate Casing set @ 8209' MD
4 1/2" Production Liner hung 03/06/2014, landed @ 16,010'


Casing

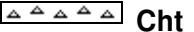
1) Drilling Contractor: Xtreme Drilling, Rig # 23
2) Directional Drilling: DRILLTECH LLC
MWD/LWD: DRILLTECH LLC
3) Gas Equipment: Mudlogging Systems Inc.
by Terra Services Redbox # ML-TGC 326 & Ratcliff Agitator


Comments


 Anhy


 Bent


 Brec


 Cht


 Clyst


 Coal


 Oil sat.

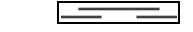
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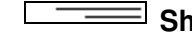
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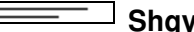
 Gyp


 Lmst


 Mrlst


 Salt


 Shale


 Shcol


 Shgy


 Ss

 Sltst

 Ss

 Chalk

 Carb sh

 Sity sh

ROCK TYPES

 MINERAL

 Anhy

 Arggrn

 Arg

 Bent

 Bit

 Brecfrag

 Calc

 Carb

 Chtdk

 Chltt

 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


 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

