

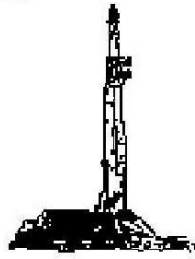
GOOLSBY BROTHERS and associates, inc.

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



**Geological Wellsite
Supervision**

www.goolsbybrothers.com



**Scale 1:240 (5"=100') Imperial
True Vertical Depth Log**

Well Name: Nichols 20C-5HZ HZ (Vertical Hole Section)(TVD)
Location: Section 8, T2N, R65W, Weld County, CO.
License Number: API: 05-123-35919 **Region:** Wattenberg
Spud Date: Febuary 7, 2013 **Drilling Completed:** February 18, 2013
Surface Coordinates: SWNW Sec 8 T2N R65W; 2399' FNL 250' FWL
Lat N 40.153914 Long W -104.696278
Bottom Hole Coordinates: NWNW Sec 5 T2N R65W; N-S: 602' FNL; E-W: ' 273' FWL
Ground Elevation (ft): 4946' **K.B. Elevation (ft):** 4971'
Logged Interval (ft): 6748' **To:** 14348' **Total Depth (ft):** 14348' DMTD, 7076.95' VS
Formation: Pierre Shales/Sands, Codell Target
Type of Drilling Fluid: Water & Poly to 6748', LSND 6748'-14348'

Printed by STRIP.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, Laurence Sones

GEOLOGIST

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

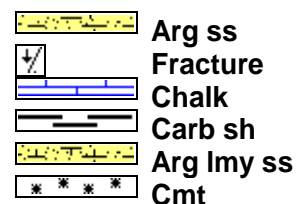
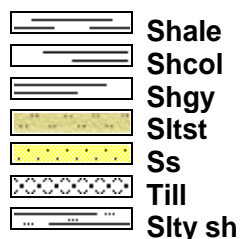
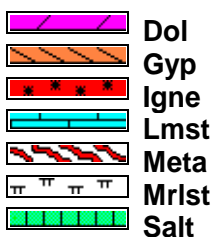
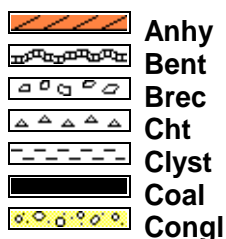
E-Logs

MWD GR 6748'-14348'
MWD Resistivity 7721'-14348'

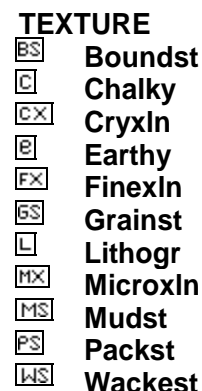
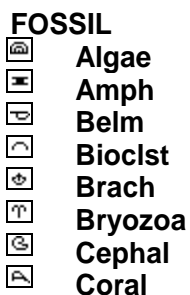
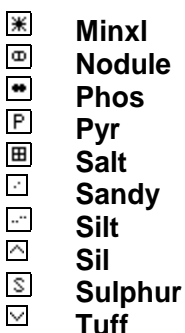
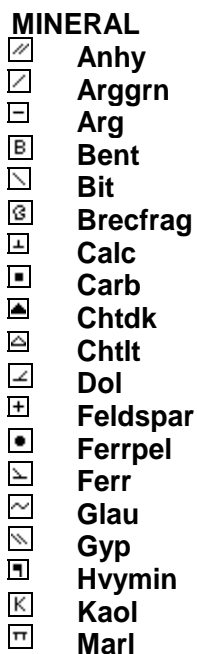
Comments

- 1) Drilling Contractor: Xtreme Drilling, Rig #20
Toolpusher: Tyler Humphrey & Brad Henderson
- 2) Company Man: Ricky Carroll & Marvin Hackworth
- 3) Mud Comapny : Newpark Drilling Fluids
Engineer: Scott Hight
- 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
- 6) Wellsite Geologist: Larry Goolsby & Andrew Krueger

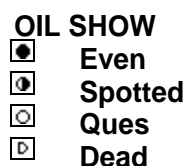
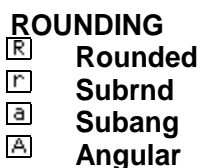
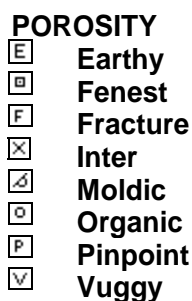
ROCK TYPES



ACCESSORIES



OTHER SYMBOLS



Plan

