

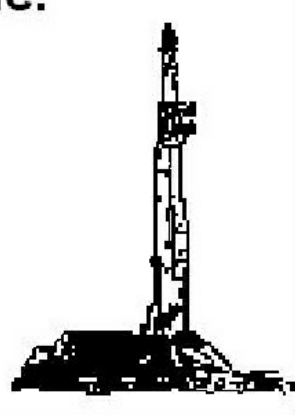
GOOLSBY BROTHERS and associates, inc.

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: State 9-61-16
Location: Section 16, T9N R61W, Weld County, Colorado
License Number: API: 05-123-32490
Spud Date: 4 January 2011
Surface Coordinates: 660' FSL X 660' FEL
Bottom Hole Coordinates: SESE
Region: Wattenberg
Drilling Completed: 9 January 2011

Ground Elevation (ft): 4966' K.B. Elevation (ft): 4978'
Logged Interval (ft): 6350' To: 7331' Total Depth (ft): 7331' LTD
Formation: Niobrara & J Sand
Type of Drilling Fluid: Polymer-Gel

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Antelope Energy Company, LLC
Address: 1801 Broadway, Suite 1550
Denver, CO 80202

GEOLOGIST

Name: Mark A. Scanniello
Company: Goolsby Brothers & Assoc., Inc. (www.goolsbybrothers.com)
Address: 575 Union Blvd #208
Lakewood CO 80228
(303) 945-2860

DSTs

None

Comments

- 1) 8 5/8" csg set @ 1029' KB.
- 2) Mud data in Resistivity Track, Format: mw-vis-wl-ph-chlor-%solids.
- 3) Contractor: Xcel Rig 3.
- 4) Ran 4.5" casing for Niobrara & Codell completion on Jan 10, 2011. Up hole Pierre sands were protected with cement.

ROCK TYPES

Anhy	Congl	Mrlst	Till
Bent	Dol	Salt	sltst
Brec	Gyp	Shale	anhy1
Cht	Igne	Shcol	ssbig2
Clyst	Lmst	Shgy	chalk
Coal	Meta	Ss	

ACCESSORIES

MINERAL	FOSSIL	STRINGER	TEXTURE
Anhy	Algae	Anhy	Boundst
Arggrn	Amph	Arg	Chalky
Arg	Belm	Bent	Cryxln
Bent	Bioclst	Coal	Earthy
Bit	Brach	Dol	Finexln
Brecfrag	Bryozoa		Grainst
Calc	Cephal		Lithogr
Carb	Coral		Microxln
Chtdk			Mudst
Chtlt			Packst
Dol			Wackest
Feldspar			
Ferrpel			
Ferr			
Glau			
Gyp			
Hvymn			
Kaol			
Marl			

OTHER SYMBOLS

POROSITY TYPE	SORTING	OIL SHOWS	INTERVALS
Earthy	Well	Even	Core
Fenest	Moderate	Spotted	Dst
Fracture	Poor	near even	
Inter		Dead	
Moldic	ROUNDING	vspotty	EVENTS
Organic	Rounded		Rft
Pinpoint	Subrnd		Sidewall
Vuggy	Subang		

