

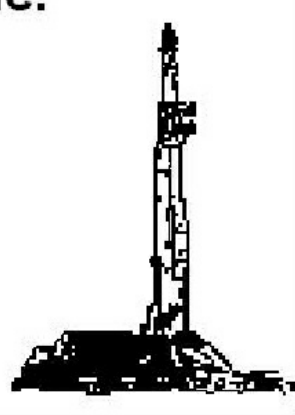
GOOLSBY BROTHERS and associates, inc.

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 7-61-16
Location: Section 16, T7N R61W, Weld County, Colorado
License Number: API: 05-123-32487
Spud Date: 4 December 2010
Surface Coordinates: 660' FSL X 660' FEL
Bottom Hole Coordinates: same

Region: Wildcat
Drilling Completed: 9 December 2010

Ground Elevation (ft): 4905'
Logged Interval (ft): 6250' To: 7175'
Formation: Niobrara, J Sand
Type of Drilling Fluid: Polymer-Gel

K.B. Elevation (ft): 4917'

Total Depth (ft): 7175' LTD

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
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(303) 945-2860

DSTs

None

Comments

- 1) 9 5/8" csg set @ 613' KB.
- 2) Ran 7" casing for Niobrara completion.
- 3) Driller's ROP curve was shifted 5' up hole to fit PSI log suite.
- 4) Drilled by Excel Rig 3.

ROCK TYPES

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

ACCESSORIES

MINERAL	Minxl	Crin	Gyp
Anhy	Nodule	Echin	Ls
Arggrn	Phos	Fish	Mrst
Arg	Pyr	Foram	Slststrg
Bent	Salt	Fossil	Ssstrg
Bit	Sandy	Gastro	
Brecfrag	Silt	Oolite	TEXTURE
Calc	Sil	Ostra	Boundst
Carb	Sulphur	Pelec	Chalky
Chtdk	Tuff	Pellet	Cryxln
Chtlt		Pisolite	Earthy
Dol	FOSSIL	Plant	Finexln
Feldspar	Algae	Strom	Grainst
Ferrpel	Amph		Lithogr
Gyp	Belm	STRINGER	Microxln
Hvymn	Bioclst	Anhy	Mudst
Kaol	Brach	Arg	Packst
Marl	Bryozoa	Bent	Wackest
	Cephal	Coal	
	Coral	Dol	

OTHER SYMBOLS

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

