

# Woolsey Operating Company, LLC Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Diel F #2

Location: N/2 S/2 SW SW

License Number: API: 15-007-23885-00-00 Region: Barber County, Kansas

Spud Date: June 7, 2012 Drilling Completed: June 14, 2012

Surface Coordinates: 495' FSL, 660' FWL Section 23-Twp 34 South - Rge 11 West

**Mayberry North Pool** 

**Bottom Hole Vertical Hole** 

Coordinates:

Ground Elevation (ft): 1327 K.B. Elevation (ft): 1340 Logged Interval (ft): 4000 To: 5173 Total Depth (ft): 5173

Formation: McLish Shale

Type of Drilling Fluid: Chemical Mud, Displace at 3115'

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

#### **OPERATOR**

Company: Woolsey Operating Company,LLC

Address: 125 N. Market, Suite 1000

Wichita, KS 67202

## **GEOLOGIST**

Name: W. Scott Alberg

Company: Alberg Petroleum, LLC Address: 609 Meadowlark Lane

Pratt, Kansas 67124

	FORMATION TOPS		
	SAMPLE TOPS	LOG TOPS	
HUSHPUCKNEY SHALE	4380(-3040)	4381(-3041)	
B/KC	4434(-3094)	4432(-3092)	
PAWNEE	4530(-3191)	4529(-3190)	
CHEROKEE GROUP	4582(-3242)	4582(-3242)	
MISSISSIPPIAN	4650(-3310)	4644(-3304)	
KINDERHOOK SHALE	4908(-3568)	4905(-3565)	
WOODFORD SHALE	4927(-3587)	4926(-3586)	
VIOLA	4951(-3611)	4951 <sup>*</sup> -3611)	
SIMPSON GROUP	5082(-3742)	5082(-3742)	
SIMPSON SAND	5104(-3765)	5098(-3759)	
MCLISH SHALE	5144(-3804)	5147(-3807)	
RTD	5173(-3833)	01.11(000.1)	

## **COMMENTS**

5174(-3834)

Surface Casing: Set 5 joints 10 3/4" at 219' with 240 sxs Class A, 2% gel, 3% cc, plug down at 9:30 pm on June 6, 2012. Cement did Circulate.

Production Casing: Ran 5 1/2" Casing

Deviation Surveys: 1/4 - 219', 3/4 - 547', 3/4 - 1016', 3/4 - 1516', 1/2 - 1986. 1/4 - 2488', 1/2 - 3021', 1/2 - 3490, 1/2 - 3615', 3/4 - 3742', 1/2 - 3867', 1 - 3962', 1/2 - 4025', 1/2 4118', 1 1/2 - 4274', 1 1/4 - 4401', 3/4 - 4495', 1 1/2 - 4696', 1 1/2 - 4779', 1 - 4904', 1-5173'.

**Contractor Bit Record:** 

LTD

1- 14 3/4" out at 219'.

2- 7 7/8" out at 4401'(PDC)

3 - 7 7/8" out at 5173.

Pipe Strap - 4403.62' Board - 4401.25' Strap 2.37' long

Gas Detector: Woolsey Operating Company, Trailer #1

Mud System: Mud Co, Brad Bortz, Engineer

**DSTs: Trilobite Testing** 

Logged by Superior Well Services.

LTD - 5174'.

#### **DSTs**

**DST #1 4551-4696 Mississippi** 

Times 30-60-60-120

1st opening - fair blow 5 inches - no blow back 2nd Opening - fair blow 5 inches - no blow back Recovery: 60' Drilling Mud (slight odor at tool)

IFP 48-69# FFP 48-61# ISIP 173# FSIP 170# IHP 2170# FHP 2167#

**Temp 120** 

### **CREWS**

**Duke Drilling Tool Pusher - Galen Roach Drillers - Shane Meitler Charles Stout Craig Mertens** 

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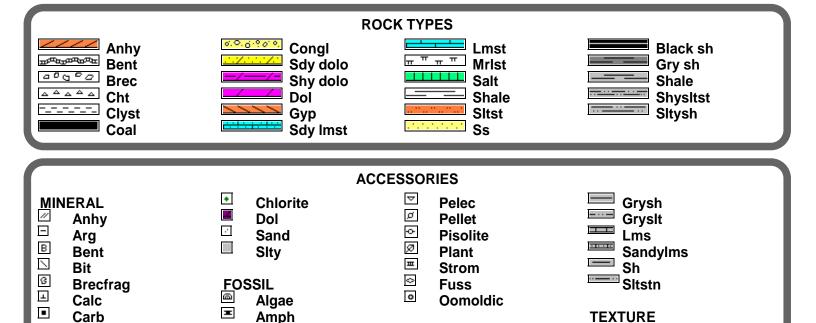
Phos

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Chalky

CryxIn

**Earthy** 

FinexIn

Grainst

Lithogr

Mudst

**Packst** 

Wackest

MicroxIn

Silt	0	Ostra	Dol		
Curve Track 1 ROP (min/ft) Gamma (API)	Depth	Lithology	Geological Descriptions	TG, C1-C5  TG (units) C1 (units) C2 (units) C3 (units) C4 (units) C5 (units)	
0 ROP (min/ft) 10 0 Gamma (AP!) 150c-	40		Drilling Progress  June 6, 2012 MIRT  June 7, 2012 219' WOC  June 8, 2012 1765' @ 7:00 am  June 9, 2012 3085' @ 7:00 am  June 10, 2012 4243' @ 7:00 am  June 11, 2012 4590' @ 7:00 am  June 12, 2012 4696' @ 7:00 am	Survey @ 4025'	100

