

# Woolsey Operating Company, L.L.C

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

Well Name: **Mikita #2**  
 Location: **Section 17 - Township 36 South - Range 12 West**  
 License Number: **33168**  
 Spud Date: **November 29, 2018**  
 Surface Coordinates: **65° 07' N & 53° 07' W (Irrig. Section)**  
 Bottom Hole Coordinates: **SE NW NW NW**  
 Region: **Barber County, Kansas**  
 Drilling Completed: **December 6, 2018**

Ground Elevation (ft): **1391'** K.B. Elevation (ft): **1403'**  
 Logged Interval (ft): **4200** To: **5307'** Total Depth (ft): **5307'**  
 Formation: **Kansas City >>> Viola**  
 Type of Drilling Fluid: **Chemical Mud**  
 Printed by **MUDLOG 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: **Bill Klaver**  
 Company: **Woolsey Operating Co. LLC**  
 Address: **125 N. Market, Wichita, Kansas, 67202**

### COMMENTS

Surface Casing: Spud 9:15 pm on 11/29/2018, ran 7 joints of 13 3/8" X 48#/ft new casing, set at 274' KB (tally 257') w/ 325 sx 60/40 common by Basic. Plug down 1 am on 11/30/2018. Cement id circulate.

Production Casing: 5 1/2"

Deviation Surveys: 3/4 at 274', 3/4 at 997', 3/4 at 1503', 1/2 at 2010', 3/4 at 2515', 3/4 at 3023', 3/4 at 4008', 3/4 at 4514', 1 at 4850', 1 at 5307'  
 Pipe Strap @ 4850', Strap: 4865.56', Board: 4864.10', strap 1.46' long

Fossil Drilling Co. Rig 3 Bit Record:  
 1) 17 1/2" Varel RR in at 0' out at 274'; 3 1/5 hours  
 2) 7 7/8" Hughes Tool Co. DP 506 PDC in at 274' out at 5307'

Gas Detector: Pason Systems  
 Mud System: Mud Co. Mr. Brad Bortz, Engineer  
 DSTs: Tribotest Testing, Matt Smith, Tester  
 E Logs: ELI Dual Induction Laterolog WSP, CNL-FDC w/PE, GR & Caliper, Jeff Luubbers, Log Engineer

### DSTs

DST #1 Mississippian, 4738'-4850', SB BOB in 4 minutes, Recovered: 376' GIP, 10' SGCM (2%G, 98%M), 60' SGCM w/sicum of oil (10%G, 90%M), 60' SGCM (5%G, 95%M); IHP 2432, IHP 53-55, ICP 692, FFP 51-59, FCP 663, FHP 2312, BHT 115 degrees

### CREWS

Rick Barriger, Tool Pusher  
 Pablo Luna, Daylight  
 Chris Staats, Evening  
 Kevin Cliff, Morning

### ROCK TYPES

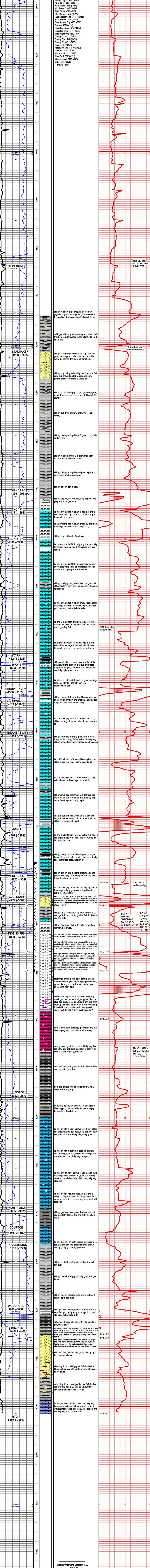
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Anyh</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Bent</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Brec</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Cht</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Chtst</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Coal</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Congl</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Sdy dolo</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Shy dolo</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Dol</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Gyp</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Sdy lmrst</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Lmrst</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Sst</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Shale</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Sstst</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Black sh</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Grls</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Shale</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Sstshst</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Ss 2</li> </ul>
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### ACCESSORIES

<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Chlorite</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Dol</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Sand</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Silt</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Peloc</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Pisolite</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Strom</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Fuzz</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Oomoldic</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Grysh</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Lmys</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Sandylms</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Sh</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f96; border: 1px solid black; margin-right: 5px;"></span> Stlstrn</li> </ul>
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### STRINGER

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 Mikita #2  
 Section 17 - Twp 36 South - Rge 12 West  
 SE NW NW NW  
 65° 07' N & 53° 07' W (Irrig. Section)  
 Barber County, Kansas  
 Field Number: **GL 1391' KB 1403'**  
 API # 15-07-24-02-00-00