	Company: Address:	OPERATO LaVeta Oil and Gas PO Box 780	OR	
	Contact Geologist: Contact Phone Nbr: Well Name: Location:	Middleburg, VA 20118 #15 Paul Spangenberg Secion 29-22S-11W	_API:	15-185-23971
	Pool: State:	Kansas	Field: Country:	Richardson USA
Scale 1:240 Imperial Well Name: #15 Paul Spangenberg Surface Location: Secion 29-22S-11W Bottom Location:				
	API: License Number:	15-185-23971		
	Spud Date: Region:	11/1/2016 Stafford County	Time:	11:30 AM
	Drilling Completed: Surface Coordinates: Bottom Hole Coordinates: Ground Elevation:	11/8/2016 735' FSL & 1225' FWL 1827.00ft	Time:	10:15 AM
	K.B. Elevation: Logged Interval: Total Depth: Formation:	1837.00ft 3000.00ft 3570.00ft	To:	3570.00ft
	Drilling Fluid Type:	Chemical (MudCo)		
	SURFACE CO-ORDINATES			
	Well Type: Longitude:	Vertical	Latitude:	
	N/S Co-ord: E/W Co-ord:	735' FSL 1225' FWL		
	LOGGED BY			
	Company:	TerraTech Energy Service	VICE, LLC	
	Address: Phone Nbr:	1632 S. West St. Suite 1 Wichita, KS 67208 316-617-3959	2	
	Logged By:	Geologist	Name:	Bruce Reed
CONTRACTOR Contractor: EC Services				
	Rig #: Rig Type: Spud Date: TD Date: Rig Release:	6 mud rotary 11/1/2016 11/8/2016 11/9/2016	Time: Time: Time:	11:30 AM 10:15 AM 7:30 AM
ELEVATIONS				
	K.B. Elevation: K.B. to Ground:	1837.00ft 10.00ft	Ground Elevation:	1827.00ft
	e	NOTES -5/8" at 257' Tone		
	Daily Penetration: 11/01/16 11/02/16 11/03/16 11/04/16 11/05/16 11/06/16 11/06/16 11/08/16 11/08/16	400' 1600' 2488' 2875' 3422' 3560' 3560' RTD @ 10		
	DRILL STEM TESTS			

