

<div>ENSIGN</div> <div>Directional Service</div>		Todd LC25-760		2-100	
Company: Noble Energy		Well Name: Todd LC25-760			
API: 05-123-45678-00		Rig Id: HBP 326			
State: Colorado		County/Parish: USA			
County: USA		Job number: ENSIGN Directional			
Sub Company: ENSIGN Directional		Job number: HP326-207-10			
DD1 Zhen Gentry		DD2 Tyler Bacheider			
DD3 Cody Hansen		MW1 Andrew Demrow			
MW2 Derek Sarkaly		MW3 Butser Sailer			
Log measurements: Gamma, ROP		Depth measured from: Start: 4108 ft End: 05-05-2015		Depth Date	
Maximum temperature:		Mud Type:		Elevations	
Casing Depth Size		Viscosity:		KB: 30	
Surface: 1408 9.5/8		Rm:		Rmc:	
Intermediate: 6477 7		Rm:		DF: 4857	
Offsets		Depths			
Run Bit Size Gamma Survey	Start	End	Start	End	
1 8.75 64.22 49.22 1408 6477	05-05-2015	05-06-2015			
2 6.75 64.86 39.86 6477					
3					
4					
5					
6					
7					
8					
9					
10					

ENSIGN Directional uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.

