



CEMENTER'S WELL SERVICE, INC.
 P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

FIELD TICKET

209141

THISTLE

Date <i>12-16-18</i>	Well Owner <i>P.D.C</i>	Well No. <i>31H-302</i>	Lease <i>Down</i>
County <i>WELD</i>	State <i>CO</i>		
Charge to <i>PETROLEUM DEVELOPMENT CORP</i>			
Address <i>1775 SHERMAN STREET STE 3000</i>			
City, State Zip <i>DENVER CO 80203</i>			
Type of Job	Depth	Ft. <i>1690</i>	
Surface <i>9 5/8 CSG-36# 12 1/4 HOLE</i>	Bottom of Surface	Ft. <i>1680</i>	
Plug	Plug Landed @ <i>1638</i>	Ft. Time On <i>1930</i>	
Production	Pipe Landed @ <i>1680</i>	Ft. Plug Down 2230 <i>2230</i>	

Description	Qty.	Meas.	Unit Price	Amount
Set Up Charge	1			
Data Acquisition System				
Cement Neat	<i>773</i>	SKS		
Calcium Chloride	<i>3</i>	%		
Gel <i>2</i> % Flo-Cele <i>1/4</i> # Per Sack				
Mileage Heavy Vehicle	<i>80</i>	Miles		
Mileage Pick-Up	<i>20</i>	Miles		
Stand-By <i>WOOD PLUG</i>	<i>1</i>			
Additional Cement		SKS		
Mixing Rate <i>4BPM</i>		Centralizers		
Disp. Rate <i>5BPM</i>		Cement Guide Shoe		
Slurry Vol. <i>1.36 CUFT 3/5K</i>		Cement Basket		
Slurry Wt. <i>14.9 PPG</i>		Baffle Plate		
Water/Cement <i>6.5 GAL/SK</i>		Box Thread Lock		
Water Temp.				
Total Slurry Vol. <i>187.2</i>	BBLs Cement			
Landed Plug @ <i>850</i>	PSI / Final Lift @ <i>650</i>	PSI		
Pre-Flush W/ <i>50</i>	BBLs H ² O		Sub Total	
Displace W/ <i>126.6</i>	BBLs H ² O		Tax <i>CO 2</i>	
Circulate <i>15</i>	BBLs Cement		Total	

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<i>1201</i>		Pump Truck		<i>20</i>			
<i>1216/1234</i>		Bulk Truck		<i>76/20</i>			

DJ Drilling PDC Energy
 AFE *DRC02932*
 Coding *8100-112*
 Date *12-16-2018*

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By _____

Received By _____

Customer or His Agent