



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

OUR INVOICE  
**594**

Date <b>12-29-16</b>	Well Owner <b>P.D.C</b>	Well No. <b>23P-321</b>	Lease <b>Brown</b>
County <b>Weld</b>	State <b>Colorado</b>		
Charge to <b>Petroleum Development Corporation</b>			
Address <b>1775 Sherman Street, Ste 3000</b>			
City, State Zip <b>Denver, Colorado 80203</b>	<b>(Ensign 161)</b>		
Type of Job	Depth	Ft. <b>1562</b>	
<b>Surface</b> <b>9 5/8" CSG 36" 12 1/4" Hole</b>	Bottom of Surface	Ft. <b>1542</b>	
Plug	Plug Landed @ <b>1504</b>	Ft. <b>0700</b>	
Production	Pipe Landed @ <b>1542</b>	Ft. <b>1245</b>	

Description	<b>DJ Drilling PDC Energy</b>	Qty.	Meas.
Set Up Charge	<b>AFE 2002247</b>	<b>1</b>	
Data Acquisition System	<b>Coding 8100 112</b>		
Cement Neat	<b>Date 12/29/16</b>	<b>720</b>	SKS
Calcium Chloride	<b>By [Signature]</b>	<b>3</b>	%
Gel % Flo-Cele 1/4 # Per Sack			
Mileage Heavy Vehicle		<b>36</b>	Miles
Mileage Pick-Up			Miles
Fuel Surcharge			
Additional Cement			SKS
Mixing Rate	<b>4 Bpm</b>	<b>6</b>	
Disp. Rate	<b>5 Bpm</b>	<b>1</b>	
Slurry Vol.	<b>1.36 cu ft SK</b>	<b>1</b>	
Slurry Wt.	<b>15.0 PPG</b>	<b>1</b>	
Water/Cement	<b>5.0 Gals-SK</b>	<b>1</b>	
Water Temp.	<b>42</b>		
Total Slurry Vol.	<b>174.3</b>		BBLs Cement
Landed Plug @	<b>1100</b>	<b>PSI / Final Lift @ 650</b>	PSI
Pre-Flush W/	<b>50</b>	<b>BBLs H<sub>2</sub>O</b>	Sub Total
Displace W/	<b>116.26</b>	<b>BBLs H<sub>2</sub>O</b>	Tax <b>CO 2</b>
Circulate	<b>10</b>	<b>BBLs Cement</b>	Total

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1202		Pump Truck		12			
1217/1218		Bulk Truck		12/12			

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 **Adam, Steven, Ryan Jim**

Received By **[Signature]**  
Customer or His Agent