



CEMENTER'S WELL SERVICE, INC.

P.O. BOX 335220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

203121

Date <u>11/29/17</u>	Well Owner <u>P.D.C.</u>	Well No. <u>25F-221</u>	Lease <u>HIGH PLAINS</u>				
County <u>WELD</u>	State <u>CO</u>						
Charge to <u>PETROLEUM DEVELOPMENT CORP</u>							
Address <u>1775 SHERMAN STREET STE 3000 (ENSTON=158)</u>							
City, State Zip <u>DENVER CO 80203</u>							
Type of Job	Depth	Ft. <u>1698</u>					
Surface <u>9 5/8 CAG 3 1/2" 12 1/4 HOLE</u>	Bottom of Surface	Ft. <u>1678</u>					
Plug	Plug Landed @ <u>1633</u>	Ft. <u>1000</u>	Time On				
Production	Pipe Landed @ <u>1678</u>	Ft. <u>1230</u>	Plug Down				
Description	Qty.	Meas.	Unit Price Amount				
Set Up Charge <u>DJ Drilling PDC Energy</u>	1						
Data Acquisition System <u>AFE DR002547</u>							
Cement Neat <u>Coding 8/100.112</u>							
Calcium Chloride <u>Date 11-29-17</u>	780	SKS					
Gel <u>2 %</u> Flo-Cele <u>1/4 # Per Sack</u>	3	%					
Mileage Heavy Vehicle	28	Miles					
Mileage Pick-Up	14	Miles					
Stand By							
Additional Cement		SKS					
Mixing Rate <u>4 BPM</u>	Centralizers	8					
Disp. Rate <u>5 BPM</u>	Cement Guide Shoe	1					
Slurry Vol. <u>1.36 CU FT³/SK</u>	Cement Basket						
Slurry Wt. <u>14.9 PPG</u>	Baffle Plate	1					
Water/Cement <u>6.5 GAL/SK</u>	Box Thread Lock	1					
Water Temp. <u>38</u>							
Total Slurry Vol. <u>199.9</u>	BBLS Cement						
Landed Plug @ <u>800</u>	PSI / Final Lift @ <u>625</u>	PSI					
Pre-Flush W/ <u>50</u>	BBLS H ₂ O		Sub Total				
Displace W/ <u>126.2</u>	BBLS H ₂ O		Tax <u>CO 2</u>				
Circulate <u>15</u>	BBLS Cement		Total				
Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<u>1202</u>		Pump Truck		<u>14</u>			
<u>1216/1214</u>		Bulk Truck		<u>14/14</u>			

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

Delivered By Jim/Carlos/Ramon/BEA

Received By [Signature]

Customer or His Agent