



CEMENTER'S WELL SERVICE, INC.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

202470

Date <u>8-9-17</u>	Well Owner <u>PDC</u>	Well No. <u>9N</u>	Lease <u>Snowmass</u>
County <u>WELD</u>	State <u>CO</u>		
Charge to <u>PETROLEUM DEVELOPMENT Corp</u>			
Address <u>1775 SHERMAN ST STE 3000</u>			
City, State Zip <u>Denver CO 80203 (ENGLISH 152)</u>			
Type of Job	Depth	FL	
Surface <u>9 5/8 CSG 36" 12 1/4 H</u>	Bottom of Surface	Ft. <u>1715</u>	
Plug	Plug Landed @ <u>1656</u>	FL	Time On <u>06:00</u>
Production	Pipe Landed @ <u>1700</u>	FL	Plug Down <u>09:50</u>

Description	Qty.	Meas.	Unit Price	Amount
Set Up Charge	1			
Data Acquisition System				
Cement Neal	790	SKS		
Calcium Chloride	3	%		
Gel % Flo-Cele 1/4 # Per Sack				
Mileage Heavy Vehicle	40	Miles		
Mileage Pick-Up		Miles		
Fuel Surcharge				
Additional Cement		SKS		
Mixing Rate <u>4.0 BPM</u>	Centralizers			
Disp. Rate <u>5.0 BPM</u>	Cement Guide Shoe			
Slurry Vol. <u>1.36 cft 3/5K</u>	Cement Basket			
Slurry WL <u>15.8 ppg</u>	Baffle Plate			
Water/Cement <u>5.2 gal/pg</u>	Box Thread Lock			
Water Temp. <u>55</u>				
Total Slurry Vol. <u>191.3</u>	BBLS Cement			
Landed Plug @ <u>1000</u>	PSI / Final Lift @ <u>500</u>	PSI		
Pre-Flush W/ <u>50</u>	BBLS H ₂ O		Sub Total	
Displace W/ <u>128</u>	BBLS H ₂ O		Tax <u>2.9%</u>	
Circulate <u>10</u>	BBLS Cement		Total	

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
<u>1201</u>		Pump Truck		<u>20</u>			
<u>1218/1217</u>		Bulk Truck		<u>20/20</u>			

Drilling PDC Energy
AFE 2002521
Coding B100 112

Date 8/9/17
By [Signature]
Customer or His Agent

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 Tony, Jim, Ramon, Mike

Received By