

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: <u>Pollak Energy</u>	Lease No.:	Date: <u>11/9/2019</u>
Lease: <u>Z Bsr</u>	Well #: <u>12-13</u>	
Field Order #: <u>17561</u>	Station: <u>Pratt, KS</u>	Casing: <u>8 5/8</u>
		Depth: <u>855</u>
Type Job: <u>242/8 5/8 Surface</u>	Formation: <u>TD-860</u>	County: <u>Beriber</u>
		State: <u>KS</u>
		Legal Description: <u>12-355-150</u>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<u>8 5/8</u>							
Depth: <u>855</u>	Depth	From	To	Pre Pad	Max		5 Min.
Volume: <u>54.4</u>	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: <u>812</u>	Packer Depth	From	To	Flush: <u>Water</u>	Gas Volume		Total Load

Customer Representative: Dylan Hickman Station Manager: Justin Westerman Treater: Darin Frisvold

Service Units	<u>78542</u>	<u>19843</u>	<u>19889</u>	<u>19860</u>	<u>19903</u>	<u>19862</u>			
Driver Names	<u>Darin</u>	<u>Ed</u>	<u>Ed</u>	<u>Darin</u>	<u>Darin</u>	<u>Darin</u>			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>4:30 pm</u>					<u>On location / Setup machine</u>
					<u>250SIK D-Con Blend Cement, 3% Calcium Chloride, 0.25ppm Cellulose</u>
					<u>12.4 pps, 2.23 vells, 12.67 water</u>
					<u>150SIK Common Cement, 2% Calcium Chloride, 0.25ppm Cellulose</u>
					<u>15.6 pps, 1.20 vells, 5.23 water</u>
<u>9:30 am</u>	<u>300</u>		<u>3</u>	<u>6</u>	<u>Pump 3 bbls water</u>
	<u>300</u>		<u>99</u>	<u>6</u>	<u>mix 250SIK less cement</u>
	<u>300</u>		<u>32</u>	<u>6</u>	<u>mix 150SIK Tg-1 cement</u>
					<u>Shut down</u>
					<u>Release Plug</u>
	<u>300</u>		<u>0</u>	<u>5</u>	<u>Start displacement</u>
	<u>300</u>		<u>41</u>	<u>3</u>	<u>Slow Rate</u>
	<u>300</u>		<u>51</u>	<u>3</u>	<u>Bump Plug</u>
					<u>Shut in</u>
					<u>Cement dia Circulate 20 bbls</u>
					<u>Job Complete / Darin & crew</u>
					<u>Thank you!!!</u>