

Customer JRG Petroleum, LLC	Lease No.	Date 4-13-16	
Lease Tom	Well # 1		
Field Order # 13424	Station Pratt, Kansas	Casing 8 7/8"	Depth 265 Feet
Type Job C.N.W. - Surface	Formation	County Barber	State Kansas
		Legal Description 31-35-12W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 7/8"	Tubing Size	Shots/Ft	180 sacks	Start commencing with	RATE	PRESS	ISIP
Depth 265 Feet	Depth	From	To 28 Calc	ium Chloride, .25 Lb.	Max	1st. cell plate	5 Min.
Volume 16.8 Bbl.	Volume	From	To 15.6 Lb	Gal., 5.23 Gal./stk.	Min	1.20 cu. ft./stk.	10 Min.
Max Press 250 PSI	Max Press	From	To		Avg		15 Min.
Well Connection Swage & Valve	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 250 Feet	Packer Depth	From	To	Flush 16 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative J Griffin	Station Manager Kevin Gordley	Treater Clarence R. Messicht
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Service Units	37,216	84,921	19,843	19,903	19,860				
Driver Names	Messicht	Ernst	Shanline						

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00					Trucks on location and hold safety meeting.
					WW Drilling start to run 7 joints new 8 7/8" casing.
10:10					Casing in well. Circulate for 5 minutes
10:15	200			5	Start Fresh water Pre-Flush.
	250		10	5	Start mixing cement.
	200		48	5	Start Fresh water Displacement.
10:45	200		64		Plugdown.
10:50					Shut in well.
					Circulated 15 sacks cement to the pit.
					Wash up pump truck.
11:15					Job Complete.
					Thank You
					Clarence, Shawn, Paul

TREATMENT REPORT

Customer <i>JRC Petroleum</i>	Lease No.	Date <i>4/21/16</i> <i>4/22/16</i>	
Lease <i>Torn</i>	Well # <i>1</i>		
Field Order # <i>13529R</i>	Station <i>Pratt KS</i>	Casing <i>4 1/2</i>	Depth <i>4531</i>
Type Job <i>4 1/2 Long string</i>	Formation <i>CNW</i>	County <i>Barber</i>	State <i>KS</i>
Legal Description <i>31-31-12</i>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>4531</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>70.73</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>7000</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>4 1/2</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative <i>JR Griffin</i>	Station Manager <i>Kevin Goodley</i>	Treater <i>Scott Grimes</i>
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Service Units <i>70752 27463 70459 21010</i>									
Driver Names <i>SCOTT NEALE rocky</i>									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:15 pm</i>					<i>On location Safety meeting Rg up Run Float Equipment Batches # 1,10 Turbochargers # 7,8,9,10</i>
<i>9:00</i>					
<i>11:15</i>					<i>Circulate at # 150 5 minutes Casing stuck in hole at # 115</i>
<i>6:00 am</i>					<i>Released from location 4/22/16</i>

Taylor Printing, Inc. 620-672-3656

Customer <i>JPG Petroleum LLC</i>	Lease No. <i>*</i>	Date <i>4-22-10</i>
Lease <i>Tom</i>	Well # <i>1</i>	
Field Order # <i>3524R</i>	Station <i>Pratt, KS</i>	Casing <i>4 1/2</i>
Type Job <i>4 1/2 long string</i>	Depth <i>4531</i>	County <i>Baker</i>
	Formation <i>cnul</i>	State <i>KS</i>
		Legal Description <i>31 31 12</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>4 1/2</i>								
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
<i>4531</i>								
Volume	Volume	From	To	Pad	Min		10 Min.	
<i>70.25</i>								
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
<i>2000</i>								
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
<i>4 1/2</i>								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>JR Griffin</i>	Station Manager <i>Kevin Goodley</i>	Treater <i>Scott Crowes</i>
Service Units <i>70752 77463 70959 71010</i>		
Driver Names <i>Scott Mike Rocky</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:15</i>					<i>On location safety meeting</i>
<i>7:30</i>					<i>Run float equipment, Acids F111 Head space, Bucket #1</i>
<i>9:30</i>					<i>Break Circulation</i>
<i>9:52</i>	<i>350</i>			<i>4.5</i>	<i>Pump 1100 spacer</i>
<i>9:54</i>	<i>250</i>		<i>5</i>	<i>5.5</i>	<i>Mix 250 sls AA2 15.25 ppg</i>
<i>10:07</i>	<i>0</i>		<i>70</i>		<i>Shut down</i>
<i>10:08</i>					<i>Wash pump + lines clean</i>
<i>10:10</i>					<i>Release plug</i>
<i>10:10</i>	<i>100</i>			<i>5.5</i>	<i>Start Displacement</i>
<i>10:18</i>	<i>400</i>		<i>47</i>	<i>5.5</i>	<i>lift pressure</i>
<i>10:22</i>	<i>550</i>		<i>13</i>	<i>3</i>	<i>Reduce Rate</i>
<i>10:25</i>	<i>700</i>		<i>9.5</i>	<i>3</i>	<i>Plug landed</i>
<i>10:25</i>	<i>1500</i>			<i>3</i>	<i>Pressure up on plug pressure held</i>
<i>10:26</i>	<i>1500</i>			<i>0</i>	<i>Shut down</i>
<i>10:26</i>	<i>0</i>				<i>Release pressure No Returns</i>
<i>10:35</i>	<i>0</i>		<i>8</i>	<i>7.5</i>	<i>Plug Run note 30 sls AA2 Job Complete</i>

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>JRG Petroleum LLC</i>	Lease No.	Date <i>4/18/16</i>
Lease <i>Tom</i>	Well # <i>1</i>	
Field Order #	Station <i>Pratt, KS</i>	Casing <i>4 1/2 D.P.</i>
Type Job <i>Lost Circulation Plug</i>	Depth <i>4024</i>	County <i>Burber</i>
	Formation <i>CNW</i>	State <i>ks</i>
		Legal Description <i>31-31-12</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>4 1/2</i>							5 Min.	
Depth <i>4024</i>	Depth	From	To	Pre Pad	Max		10 Min.	
Volume <i>51.77</i>	Volume	From	To	Pad	Min		15 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		Annulus Pressure	
Well Connection <i>4 1/2 D.P.</i>	Annulus Vol.	From	To		HHP Used		Total Load	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			

Customer Representative <i>JR Griffin</i>	Station Manager <i>Kevin Goodley</i>	Treater <i>Scott Graves</i>
Service Units <i>70752 27463 77686 14918</i>		
Driver Names <i>Scott Sloman Rocky</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:15</i>					<i>On Location Safety Meeting Rigged</i>
<i>10:38</i>	<i>∅</i>			<i>4.4</i>	<i>Pump H₂O Space</i>
<i>10:41</i>	<i>150</i>		<i>10</i>	<i>4.5</i>	<i>Mix 100SKS Thixotropic 14.05 ppg</i>
<i>10:48</i>	<i>50</i>		<i>30</i>	<i>4.5</i>	<i>start Displacement</i>
<i>11:00</i>	<i>∅</i>		<i>48.5</i>		<i>Shut down</i>
					<i>4 hour stand by</i>
					<i>Load hole with Rig</i>
<i>4:50</i>					<i>Shut down Pump Repair</i>
<i>7:08</i>		<i>250</i>		<i>4.2</i>	<i>Pump H₂O</i>
<i>7:10</i>		<i>250</i>	<i>5</i>	<i>4.2</i>	<i>Mix 100SKS Thixotropic 14.05 ppg</i>
<i>7:18</i>		<i>50</i>	<i>30</i>	<i>4.2</i>	<i>start Displacement</i>
<i>7:30</i>		<i>100</i>	<i>44</i>	<i>4.2</i>	<i>Pressure Increase</i>
<i>7:30</i>		<i>50</i>	<i>44</i>		<i>Shut down</i>