



APR 11 2013

**TREATMENT REPORT**

Energy services, L.P.

Customer <i>NOVA OIL &amp; GAS INC</i>	Lease No.	Date <i>4-6-13</i>
Lease <i>TOWN A</i>	Well # <i>#3</i>	
Field Order # <i>27108</i>	Station <i>Pratt</i>	Casing " <i>7"</i>
Type Job <i>7" LS</i>	Depth <i>3808</i>	County <i>RENO</i>
	Formation <i>3808 TD</i>	State <i>KS</i>
		Legal Description <i>11-23-10</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>7"</i>				<i>12-BBL MUD Flush</i>				
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
<i>3808</i>			<i>150 SKs</i>	<i>60/40 Poz</i>	<i>14.3</i>			
Volume	Volume	From	To	Pad	Min		10 Min.	
<i>148</i>			<i>30 SKs</i>	<i>60/40 Poz</i>	<i>K.H.</i>			
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
<i>1000</i>								
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
<i>PC</i>								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
<i>3163</i>				<i>1/2"</i>				

Customer Representative <i>Scott</i>	Station Manager <i>Scotty</i>	Treater <i>Allen</i>
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Service Units	<i>28443</i>	<i>19889</i>	<i>19843</i>	<i>19826</i>	<i>19860</i>				
Driver Names	<i>Allen</i>	<i>EDMUND</i>	<i>D O</i>	<i>ARON</i>	<i>B. LSON</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>3:30 AM</i>					<i>LANDMARK II</i>
					<i>ON Loc. Discuss Safety Setup Plan Job</i>
					<i>Going in Hole w/ Drill Pipe</i>
<i>4:00</i>					<i>IN hole w/ Drill Pipe CIR</i>
<i>5:00</i>					<i>Lay down Drill Pipe</i>
<i>8:50</i>					<i>out of Hole, Lay down Kelly</i>
					<i>Rig up to Run 7 csg. 23#</i>
<i>9:45</i>					<i>start csg.</i>
					<i>Shoe Joint 45' w/ Reg</i>
					<i>cent. 3-4-5-27-29-32</i>
					<i>Basket #2</i>
					<i>Tag TD @ 3808 Pick to 3807</i>
<i>1:00 PM</i>					<i>CIR. w/ R.S.</i>
	<i>100#</i>		<i>5</i>	<i>5</i>	<i>Pump 5 BBL H<sub>2</sub>O</i>
			<i>12</i>	<i>5</i>	<i>Pump 12 BBL mud Flush</i>
			<i>5</i>	<i>5</i>	<i>Pump 5 BBL H<sub>2</sub>O</i>
	<i>200</i>				<i>mix + Pump 150 SKs 60/40 poz @ 14.3</i>
			<i>37 1/2</i>		<i>Finish mix, wash out Pump Line</i>
<i>2:20</i>				<i>5 1/2</i>	<i>Drop Top Rubber Plug, 7, st. Disb.</i>
	<i>50#</i>			<i>5 1/2</i>	<i>Lift P.S. - 118<sup>bbl</sup> + tanks</i>
	<i>1000#</i>		<i>149</i>	<i>3</i>	<i>Plug down. (Allen, Ed, Aaron)</i>
<i>2:45</i>			<i>7</i>		<i>Plug RN w/ 30 SKs, Wash up + Run Key</i>