

Bottom Stage

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>Becker Oil Company</i>	Lease No.	Date <i>10/21/16</i>	
Lease <i>07114</i>	Well # <i>2</i>		
Field Order # <i>14136 A</i>	Station <i>Pratt KS</i>	Casing <i>5 1/2 17</i>	Depth <i>4550</i>
		County <i>Thomas</i>	State <i>KS</i>
Type Job <i>5 1/2 2 stage long string</i>	Formation <i>crin</i>	Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>5 1/2</i>				Pre Pad	Max		5 Min.
Depth <i>4550</i>	Depth	From	To	Pad	Min		10 Min.
Volume <i>105</i>	Volume	From	To	Frac	Avg		15 Min.
Max Press <i>2000</i>	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection <i>5 1/2</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth	Packer Depth	From	To				

Customer Representative <i>Jill</i>	Station Manager <i>Kevin Gaudley</i>	Treater <i>Scott Francis</i>
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Service Units	<i>38950</i>	<i>18987</i>	<i>86779</i>	<i>19959</i>	<i>71010</i>	<i>84980</i>	<i>19860</i>
Driver Names	<i>Scott</i>	<i>Mike</i>	<i>Ray</i>	<i>Francisco</i>			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>9:45</i>	<i>10/70</i>				<i>On location Safety Meeting Rig</i>
<i>11:30</i>					<i>Run Flood Equipment</i>
					<i>Turbos # 1,2,3,5,7,9,10,11,14,20,21,1</i>
					<i>Basket # 49, DU # 50</i>
<i>2:30</i>					<i>Break Circulation 45 min</i>
<i>3:10</i>	<i>300</i>			<i>4</i>	<i>Pump H₂O spacer</i>
<i>3:11</i>	<i>400</i>		<i>5</i>	<i>4</i>	<i>Pump Mud Flush 500 gallons</i>
<i>3:14</i>	<i>400</i>		<i>12</i>	<i>4.5</i>	<i>Pump H₂O spacer</i>
<i>3:15</i>	<i>350</i>		<i>5</i>	<i>4.5</i>	<i>Mud A-con 11.6 ppg</i>
<i>3:36</i>	<i>300</i>		<i>74</i>	<i>5</i>	<i>Mud AA? 14.8 ppg</i>
<i>3:43</i>	<i>Ø</i>		<i>36</i>		<i>Shut down</i>
<i>3:46</i>					<i>Wash pump + lines clean</i>
<i>3:48</i>	<i>Ø</i>			<i>4.5</i>	<i>Release Plug Start Displace</i>
<i>3:59</i>	<i>250</i>		<i>45</i>	<i>4.5</i>	<i>Start Displacement w/ Mud</i>
<i>4:03</i>	<i>450</i>		<i>15.5</i>	<i>4.5</i>	<i>Ø lib. Pressure</i>
<i>4:11</i>	<i>800</i>		<i>33</i>	<i>3.5</i>	<i>Reduce Rate</i>
<i>4:14</i>	<i>950</i>		<i>10</i>	<i>3.5</i>	<i>Plug landed</i>
<i>4:14</i>	<i>1600</i>				<i>Pressure up on plug hold</i>
<i>4:15</i>	<i>Ø</i>				<i>Release Pressure NO Returns</i>
<i>4:15</i>					<i>Bottom Stage Complete</i>

Top Stage

Customer Decker Oil Corporation		Lease No.		Date 10/21/16	
Lease 0-116		Well #			
Field Order # 14136A	Station Pratt KS	Casing 5 1/2 IN	Depth 4550	County Thomas	State KS
Type Job 5 1/2 2-stage Long string			Formation	Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
3 7/8	1 7/8							
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	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	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative Jerry			Station Manager Kevin Goodley			Treater Scott Graves		
Service Units	38450	78987	86779	19959	71010	81480	19860	
Driver Names	Scott	Mike	Ray		Farriso			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:20					TOP STAGE Service Log
4:35					Diag DV open Tool
4:36	1400		.5		Pressure up on DV Tool
6:33	450			5	DV OPENED start Circulation
6:35	300		5	5.5	Pump H2O Spacer
7:04	Ø		160		Mix 325 sks A-COM 11.6
7:05					Shut down
7:08	700			5.5	Shut Pump + lines clean
7:16	550		48	3	Release Plug start Displacement
7:19	650		10	3	Reduce Rate
7:20	1500			3	Plug landed
7:20	Ø				Pressure up on DV Tool Plug
7:30	Ø			3	Release Pressure NO Retriever
7:33	Ø		7.5		Plug Ret hole 30 sks A.C
					Shut down
					Job Complete