

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>RAMIA</i>	Lease No.	Date
Lease <i>LICKLAT</i>	Well # <i>1-27</i>	
Field Order # <i>3790</i>	Station <i>PRATT KS</i>	Casing <i>8 7/8</i>
Type Job <i>CNW 8 7/8 Surface</i>	Depth <i>354'</i>	County <i>STAFFORD</i>
	Formation	State <i>KS</i>
		Legal Description <i>27-24-12</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 7/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>354</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>21</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>300</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>354</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Lillard</i>
Service Units <i>37900 33708 20920 19826 73268</i>		
Driver Names <i>Sullivan Graves Young</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:00 AM</i>					<i>on to sdg, next</i>
					<i>Run 8 7/8 Surface csg.</i>
<i>2:25</i>					<i>CASING ON BOTTOM</i>
<i>2:35</i>					<i>Hook by circ csg.</i>
<i>2:40</i>			<i>3</i>	<i>3</i>	<i>st spacer</i>
			<i>65</i>	<i>4.5</i>	<i>mix A-COD cmt 150 sk 3%cc 1/4cf</i>
			<i>21</i>		<i>mix Tail cmt 100 sk comwd 3%cc 2%pd 1/4cf</i>
					<i>cmt mix D shut down</i>
					<i>Release Plug</i>
					<i>st Plug</i>
<i>3:15</i>	<i>200</i>		<i>21</i>		<i>Plug down</i>
					<i>circ 15 BBL cmt PIT</i>
					<i>JOB Complete</i>
					<i>THANK YOU</i>

Customer Rama Operating Co., Inc.	Lease No. Well # 1-27	Date 1-31-14
Lease Licholat		
Field Order # 1853	Station Pratt, Kansas	Casing 4 1/2" Drill Pipe
Type Job C.N.W. Plug To Abandon	Formation	County Stafford State Kansas
		Legal Description 27-245-12W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME			
Casing Size	Tubing Size	Shots/Ft	From	To	With	Acid	RATE	PRESS	ISIP
	12" Drill	220 sacs			60/40 Poz cement	48 Total Gal			5 Min.
Depth	Depth	From	To	With	6.1 Gal.	6.92 Gal.	Min		10 Min. / Stk
Volume	Volume	From	To	13.8L			Avg	1.43 CU.	
Max Press	Max Press	From	To	500 PSI					15 Min.
Well Connection	Annulus Vol.	From	To	X- Hole			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To		Flush	Drilling mud and fresh water	Gas Volume		Total Load

Customer Representative Allen	Station Manager Kevin Gordley	Treater Clarence R. Messick
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Service Units	28,443	77,686	19,905	70,959	19,918
Driver Names	Messick	McGraw	Phye		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					Trucks on location and hold safety meeting
					1st Plug 4,125 Feet - 50 sacks cement
11:03		500		6	Start Fresh water Pre-Flush.
			20	5	Start Mixing cement
			32	5	Start Fresh water Displacement.
		500	42	5	Start Drilling mud Displacement.
11:19		-0-	95		Stop pumping.
					2nd Plug 720 Feet - 50 sacks cement
1:19		300		5	Start Fresh water Pre-Flush.
		"	8	5	Start Mixing cement.
		300	20	5	Start Fresh water Displacement.
1:24		-0-	24		Stop pumping.
					3rd Plug 390 Feet - 50 sacks cement.
1:41		200		5	Start Mixing cement.
		200	12	5	Start Fresh water Displacement.
1:44		-0-	14		Stop pumping.
					4th Plug 60 Feet - 20 sacks cement.
2:50		100		3	Start Mixing cement.
2:52			5		Cement circulated to surface. Stop pumping.
3:10			7-5	3	Plug Rat and Mouse holes.
					Wash up pump truck.
3:30					Job Complete.