

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer McCoy Petroleum Corporation	Lease No.	Date 8-15-14			
Lease MTPRC "A"	Well # 3-27				
Field Order # 10,712	Station Pratt, Kansas	Casing 13 3/8	Depth 263 Feet	County K Iowa	State Kansas
Type Job C.N.W.- Conductor	Formation	Legal Description 27-305-19W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 13 3/8	Tubing Size 54.5 Lb./Ft.	Shots/Ft 250	Acid sacks 60/40 Poz with	Pre Pad 38 Calcium Chloride, 25 Lb./St.	Max RATE	PRESS	ISIP	
Depth 263 Feet	Depth	From	To 286	Pad 14.8 Lb./Gal.	Min 3.18 Gal/St.	1.21		5 Min cell flate
Volume 40.6 Bbl.	Volume	From	To	Flac	Avg		10 Min U.F.T./St.	
Max Press 250 P.S.I.	Max Press	From	To	HHP Used		15 Min.		
Well Connection Swaged and Val	Annulus Vol.	From	To	Gas Volume		Annulus Pressure		
Plug Depth 253 feet	Packer Depth	From	To	Flush 39 Bbl. Freshwater	Total Load			

Customer Representative Billy	Station Manager Kevin Gordley	Treater Clarence R. Messick
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Service Units	37,216	19,926	20,920	19,831	19,862				
Driver Names	Messick	Egging	Phye						

Time A.M.	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
2:45					Truck on location and hold safety meeting
3:15					Sterling Drilling start to run 6 Joints new 54.5 Lb./Ft. 13 3/8 Casing.
5:40					Casing in well. Circulate for 5 minutes.
5:48	100			5	Start Fresh Water Pre-Flush.
<del>5:48</del>			10	5	Start Mixing 250 sacks cement.
<del>5:48</del>	200		64	5	Start Fresh water Displacement.
6:10	100		103		Plug down. Shut in well. Did not circulate cement.
6:30					order 1" cement
6:40					wash up pump truck
10:00					cement on location. run 3 Joints 1" tubing. Cement down 35 Feet From top of conductor pipe
10:15		0		3	start mixing common cement (Neat)
10:40			28		cement circulated to surface. Pull 1" tubing out of well and wash up pump truck
11:00					Job Complete. Thank You. Clarence, Pat, Dale

### Cement Report

Customer <i>McLoy Pet Corp</i>	Lease No.	Date <i>8/16/14</i>
Lease <i>MTPRO "A"</i>	Well # <i>3-27</i>	Service Receipt <i>1717-05923</i>
Casing <i>8 5/8 24#</i>	Depth <i>652 ft</i>	County <i>Kiowa</i>
Job Type <i>Surface</i>	Formation	State <i>KS</i>
		Legal Description <i>27-30-19</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>8 5/8 24#</i>	Tubing Size	Shots/Ft		Lead <i>175 sc Acow Blend @ 12 #</i>
Depth <i>652 ft</i>	Depth	From	To	
Volume <i>38.78 BBL</i>	Volume	From	To	<i>2.47 @ 15/sc 14.4 gal/sc</i>
Max Press <i>2000 psi</i>	Max Press	From	To	Tail in <i>175 sc 60/40 POC @ 14.8 #</i>
Well Connection <i>PC</i>	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	<i>1.21 @ 15/sc 5.18 gal/sc</i>

1/15

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>21:50</i>					<i>On location / Spot in</i>
<i>00:20</i>					<i>Safety Mtg</i>
<i>00:30</i>					<i>Rig up</i>
<i>00:40</i>					<i>Pressure test to 2000 psi</i>
<i>00:42</i>	<i>270 psi</i>		<i>76.98 BBL</i>	<i>5.1 BPM</i>	<i>Start head cement</i>
<i>1:12</i>	<i>310 psi</i>		<i>37.71 BBL</i>	<i>5.3 BPM</i>	<i>Start Tail cement</i>
<i>1:18</i>			<i>96 HL gone</i>		<i>Start Seeing Cement Returns</i>
<i>1:24</i>			<i>114.69 HL Slurry</i>		<i>Shut down / Drop Plug</i>
<i>1:26</i>	<i>300 psi</i>			<i>5 BPM</i>	<i>Start Disp / Wash on Plug</i>
<i>1:35</i>	<i>280 psi</i>		<i>28 BBL gone</i>	<i>2 BPM</i>	<i>Slow Rate</i>
<i>1:42</i>	<i>350 psi</i>				<i>Landed Plug</i>
<i>1:42</i>	<i>1220</i>				<i>Pressured upon Plug</i>
<i>1:44</i>					<i>Released Back</i>
					<i>Plug held</i>
					<i>Job Complete</i>

Service Units	<i>86573</i>	<i>38111/19919</i>	<i>33021/14284</i>		
Driver Names	<i>Tommy Marcelles</i>	<i>Chad Hinz</i>	<i>Victor Vasquez</i>		

Billy Bortz  
Customer Representative

Jerry Bennett  
Station Manager

Tommy Marcelles  
Cementer

Customer <i>McCoy Pet. COPP</i>	Lease No.	Date <i>8-22-14</i>
Lease <i>MT PR C 'A'</i>	Well # <i>3-27</i>	
Field Order # <i>11046</i>	Station <i>Pratt</i>	Casing <i>4 1/2</i>
Type Job <i>cnw Long string</i>	Formation	Depth
		County <i>kiowa</i>
		State <i>ks</i>
		Legal Description <i>27-30-19</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>5226</i>	Depth	From	To	Pre Pad		Max		5 Min.
Volume <i>82</i>	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 <i>5184</i>	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>Calvin</i>	Station Manager <i>Kevin</i>	Treater <i>JOE</i>
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Service Units	<i>77686</i>	<i>19905</i>	<i>19959</i>	<i>73768</i>	<i>28443</i>	<i>X-Hand</i>
Driver Names	<i>Mike</i>	<i>Aaron</i>			<i>JOE</i>	<i>Aaron</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1200</i>					<i>on Loc/safety meeting</i>
					<i>Run 124 JTS of 4 1/2 csg 10.5"</i>
					<i>cen. on 1-3-5-7</i>
<i>1215</i>					<i>Start Running csg</i>
<i>1315</i>					<i>circ 1/2 way in</i>
<i>1455</i>					<i>csg on BOTTOM / circ with Rig</i>
<i>1555</i>					<i>Hook up to Pump TRK start JOB</i>
<i>1555</i>	<i>100</i>		<i>5</i>	<i>6</i>	<i>H2O spacer</i>
			<i>10</i>	<i>6</i>	<i>STOP LOSS spacer</i>
			<i>5</i>	<i>6</i>	<i>H2O spacer</i>
	<i>400</i>		<i>38</i>	<i>6</i>	<i>mix 150 SK of AA2 cement @ 15"</i>
			<i>0</i>	<i>0</i>	<i>shut down clear Pump &amp; Lines</i>
			<i>0</i>	<i>6</i>	<i>Release Plug start H2O DISP</i>
	<i>500</i>		<i>60</i>	<i>0</i>	<i>LIST PSI</i>
	<i>500</i>		<i>72</i>	<i>4.5</i>	<i>Slow Rate</i>
<i>1630</i>	<i>1500</i>		<i>82</i>	<i>0</i>	<i>Plug Down</i>
					<i>Plug RH &amp; MH</i>
					<i>JOB COMPLETE</i>
					<i>Thank You JOE</i>