



Cement Report

Customer	O'Brien Energy		Lease No.			Date	12-28-14	
Lease	Angell		Well #	2-18		Service Receipt	5139	
Casing	8 5/8	Depth	1487	County	Meade	State	KS	
Job Type	2-47		Formation	Surface		Legal Description	Sec 18 - Twp-32-R30	
Pipe Data				Perforating Data			Cement Data	
Casing size	8 5/8		Tubing Size				Lead	Den 11.4
Depth	1445		Depth	From	To		325 sks yield	2.95
Volume	91.90		Volume	From	To		gal/sk	18.10
Max Press	1500		Max Press	From	To		Tail in	Den 14.8
Well Connection	8 5/8		Annulus Vol.	From	To		150 sks yield	1.34
Plug Depth			Packer Depth	From	To		gal/sk	6.33
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log			
9:30					on location			
10:00					Safety Meeting & Rig up			
12:15	2500		1		Prime up Pci Test			
12:18	50		170	5.0	Start lead Cement			
12:48	100		36	4.0	Start Tail			
12:57	0		0		Shutdown			
12:58	0				Washup			
12:59	50		1	3.5	Start Displacement			
1:19	175		70	2.0	Slowed down Rate Circulated Cement			
1:24	250		80	1.0	Slowed down rate			
1:30	1200		92		Shutdown			
1:30	1200				Plug landed			
1:35	0				Released back			
1:35					Float Held			
1:38					Rig down			
Service Units	39878	38750	19842	30463/19566	33021/14284			
Driver Names	JUAN	Carlos		Gabriel M	Edgar			

Roger Pearson
Customer Representative

Tyler Davis
Station Manager

JUAN ORTIZ
Cementer



Cement Report

Customer <i>O'Brien Energy Resources Corp</i>	Lease No. <i>Angell-1-18</i>	Date <i>01-02-15</i>
Lease <i>Angell</i>	Well # <i>1-18</i>	Service Receipt <i>1717-05506A</i>
Casing <i>8 5/8"</i>	Depth <i>1530'-540' 60'</i>	County <i>Mende</i> State <i>KS</i>
Job Type <i>PTA</i>	Formation <i>Dry Hole</i>	Legal Description <i>18-325-29W</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>8 5/8"</i>	Tubing Size	Shots/Ft		Lead <i>170 sks</i> <i>60/40 Permox</i> <i>4% gel</i>
Depth <i>1514'</i>	Depth	From	To	
Volume	Volume	From	To	Tail in
Max Press	Max Press	From	To	
Well Connection	Annulus Vol.	From	To	
Plug Depth <i>1530'-540' 60'</i>	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1400</i>					<i>Called Unit</i>
<i>1900</i>					<i>On Location</i>
<i>1920</i>					<i>Safety Meeting</i>
<i>1940</i>					<i>Set up</i>
					<i>1st Plug 1530'-1280'</i>
<i>1954</i>			<i>13.5</i>	<i>4</i>	<i>50 sks 60/40 Permox 4% gel - 13.5 sppg</i>
					<i>13.5 BBLs slurry - 9 BBLs mix water</i>
			<i>16 BBLs</i>	<i>4</i>	<i>Displace .01422 - 18 BBLs Displace 16 BBLs</i>
					<i>2 BBLs water - 14 BBLs mud Released - Balanced</i>
<i>2100</i>			<i>13.5</i>	<i>4</i>	<i>2nd Plug 540'-210 - TOC 330'</i>
					<i>50 sks 60/40 Permox 4% gel - 13.5 sppg</i>
					<i>13.5 BBLs slurry - 8 BBLs mix water</i>
<i>2137</i>			<i>4</i>	<i>2</i>	<i>Displace 4 BBLs water BALANCE</i>
<i>2300</i>					<i>3rd Plug 60' - Top of Surface</i>
			<i>5.4</i>		<i>20 sks 60/40 Permox 4% gel - 13.5 sppg</i>
					<i>5.4 BBLs slurry - 3.6 BBLs mix water</i>
			<i>1/2</i>		<i>Displace 1/2 BBLs</i>
<i>2310</i>			<i>8.1</i>	<i>2</i>	<i>Rathole 30 sks 8 BBLs slurry 13.5 sppg</i>
<i>2320</i>			<i>5.4</i>	<i>2</i>	<i>Mouse Hole 20 sks 5.4 BBLs slurry 13.5 sppg</i>
<i>2330</i>					<i>Finished up</i>
					<i>Rack up</i>
					<i>Job Completed</i>
					<i>Thanks</i>

Service Units	<i>89315</i>	<i>70892-19590</i>	<i>14354-19578</i>		
Driver Names	<i>Roger</i>	<i>SAM</i>	<i>NORMA</i>		

Roger Peterson Customer Representative
 Tyce Davis Station Manager
 Roger Brown Cementer

Taylor Printing, Inc.