



BASICSM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer Midwestern Exploration	Lease No.	Date 10/5/17
Lease Gorman	Well # 1-18	Service Receipt
Casing 4 5/8	Depth 11,486	County Stevens State KS
Job Type surface	Formation	Legal Description

Pipe Data		Perforating Data		Cement Data
Casing size 4 5/8	Tubing Size	Shots/Ft		Lead 400 SC A-Com
Depth 11,486	Depth	From	To	@11.4#
Volume 104.7	Volume	From	To	2.95 18.10
Max Press 1500	Max Press	From	To	Tail in 150 SC P.P
Well Connection P.C.	Annulus Vol.	From	To	@14.8#
Plug Depth	Packer Depth	From	To	1.34 6.33

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
04:00					on loc, spot Pt. RV., wait on Csg + Cement
11:06	2000				Test Lines
11:10	170		0	5	start mixing @ 11.4#
11:56	150		210	4	on tail @ 14.8#
12:00	0		36	0	Finished mixing, Drop Plug
12:13	60		0	5	start disp, washup on plug
12:33	440		94	2	slow Rate
12:38	1130		105		Plug Down
					Release Psi, float held
					Job Complete
					Thank You
					(Chad & Crew)

Service Units	75939	372233726	3046319566	1435419578
Driver Names	C. Hinz	T. Marcellus	C. Garcia	R. Brown

Billy Daughtry Customer Representative Debra Bennett Station Manager Chad Hinz Cementer

Cement Report

Customer <i>Midwestern Exploration</i>			Lease No.		Date <i>10-12-13</i>	
Lease <i>German</i>			Well # <i>1-14</i>		Service Receipt <i>04585</i>	
Casing <i>5 1/2</i>		Depth	County <i>STAVENS</i>		State <i>KS</i>	
Job Type <i>242 Log Sng</i>		Formation		Legal Description <i>18-35-85</i>		
Pipe Data				Perforating Data		Cement Data
Casing size <i>5 1/2</i>		Tubing Size		Shots/Ft		Lead <i>75sk A-Con</i> <i>2.93ft 7.5k</i>
Depth <i>6765</i>		Depth <i>55,412.5</i>				
Volume <i>160615</i>		Volume		From	To	<i>18.6m-sk 11.4#</i>
Max Press <i>2000</i>		Max Press		From	To	
Well Connection <i>5 1/2</i>		Annulus Vol.		From	To	Tail in <i>175sk AA2</i> <i>1.51ft 4.5k</i>
Plug Depth <i>6722</i>		Packer Depth		From	To	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log	
<i>630</i>					<i>Arrive on location</i>	
<i>630</i>					<i>Safety Meeting - 11:50p</i>	
<i>630</i>					<i>Rig Pump Casing</i>	
<i>1100</i>					<i>Circulate w/MS</i>	
<i>1150</i>					<i>Hook up TO TRES</i>	
<i>1200</i>	<i>2000</i>		<i>1</i>	<i>1.0</i>	<i>Pressure Test</i>	
<i>1205</i>	<i>325</i>		<i>5</i>	<i>4.0</i>	<i>Pump Water Spacer</i>	
<i>1210</i>	<i>300</i>		<i>12</i>	<i>4.0</i>	<i>Pump Super Flush</i>	
<i>1220</i>	<i>275</i>		<i>5</i>	<i>4.0</i>	<i>Pump Gel</i>	
<i>1225</i>	<i>250</i>		<i>10</i>	<i>4.0</i>	<i>Pump Stoploss Polymer</i>	
<i>1230</i>	<i>225</i>		<i>13</i>	<i>6.0</i>	<i>Pump A-Con amt @ 11.4#</i>	
<i>1250</i>	<i>200</i>		<i>47</i>	<i>6.0</i>	<i>Pump AA2 amt @ 14.8#</i>	
<i>1310</i>					<i>Drop Plug - Wash Up</i>	
<i>1315</i>	<i>400</i>		<i>158</i>	<i>6.0</i>	<i>Displace</i>	
<i>1340</i>	<i>900</i>		<i>10</i>	<i>2.0</i>	<i>Shut Down</i>	
<i>1345</i>	<i>1400</i>		<i>1</i>	<i>1</i>	<i>Land Plug - Flood Add</i>	
					<i>Plug Port & Mouse Hole</i>	
					<i>Job Complete</i>	
Service Units <i>78938</i>		<i>78938-19570</i>		<i>14355-37725</i>		
Driver Names <i>J. Chavez</i>		<i>Sam</i>		<i>Greg</i>		

Billy

Customer Representative

Joe Bett

Station Manager

J. Chavez

Cementer