



P.O. Box 1570, Woodward, OK 73802
Ph. 580-254-5400 Fax 580-254-3242

CEMENTING REPORT

Operator: Unit Corporation
Well Name: Schultz Trust 15-1H
Legal Description: Sec 15-25S-9W, Reno Cnty, KS

Cement Casing Data	
Cementing Date	10-19-12
Size of Drill Bit (Inches)	28
Size of Casing (Inches O.D.)	20
Setting Depth of Casing (ft.) from ground level	145
Type of Cement	Common Cement
Sacks of Cement Used	120
Was cement circulated?	Yes
Job witnessed by: <i>B.J. Hope</i>	

Jeff M. Owen
Mid-Continent Conductor, LLC

Customer Unit Petroleum Company		Lease No.		Date 11-4-12	
Lease Shull Trust 15		Well # 1H			
Field Order # 1344	Station Pratt, Kansas	Casing 26 LB/ft	Depth 4260'	County Rego	State Kansas
Type Job C.N.W. - Longstring			Formation	Legal Description 15-243-1W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
26 LB/ft	2 1/8" ID	160	sacs	AA2 with .5%	Fluid Loss	28	Flotation	2000
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
4260'			28 Do	108 Gal	25 Lb/bbl		10 Min.	
Volume	Volume	From	To	Pad	Min		15 Min.	
163.2 Bbl				15 Lb/Gal	6.0			
Max Press	Max Press	From	To	Frac	Avg			
1500 Psig								
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
1 1/2" x 1" Under								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
1600'				163.2 Bbl				

Customer Representative: Brent Keys Station Manager: David Scott Treater: Clarence R. Messick

Service Units	37216	19903	19905	70959	19918				
Driver Names	Messick	Ma	Htal	Phyc					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					Truck on location and hold safety meeting.
					Casing in well and rig circulating up on arrival.
4:17		3000			Shut in well and pressure Test Open Well
4:18	300			6	Start Fresh water Pre-Flush.
			20	6	Start Mud Flush
			32	6	Start Fresh water spacer.
4:34	300		52	5	Start Mixing 160sacs AA2 cement
	-0-		92		Stop pump log. Shut in well Release Top Rubber Plug Open Well.
4:40	200			6.5	Start Fresh water Displacement
			12.0		Wash up on plug.
			163.2	5	Start to lift cement
5:03	650		163.2		Plug down
	1,500				Pressure up
					Release pressure Flood when hold
5:30					Job Complete
					Thank You
					Clarence, Mike, Dale



Cement Report

Customer <i>Unit Petroleum Co</i>		Lease No.		Date <i>11-13-12</i>	
Lease <i>Schultz Trust 15</i>		Well # <i>1H</i>		Service Receipt <i>03664</i>	
Casing <i>4 1/2</i>	Depth <i>8313</i>	County <i>Renov</i>		State <i>KS</i>	
Job Type <i>2 1/2 4 1/2 line</i>		Formation		Legal Description <i>15-25-9W</i>	
Pipe Data			Perforating Data		Cement Data
Casing size <i>4 1/2 11.6#</i>		Tubing Size		Shots/Ft	
Depth <i>8323</i>		Depth <i>5546</i>		From	To
Volume <i>9265</i>		Volume		From	To
Max Press <i>5000</i>		Max Press		From	To
Well Connection <i>3 1/2 D.P.</i>		Annulus Vol.		From	To
Plug Depth <i>8277</i>		Packer Depth		From	To
Tail in <i>4 1/2 SIC Class H</i> <i>1.2477-5K</i> <i>5.436d-sic/5.6#</i>					
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2000</i>					<i>Arrive On Location</i>
<i>2000</i>					<i>Safety Meeting - Rig Up</i>
<i>2000</i>					<i>Rig Moving Casing</i>
<i>100</i>					<i>Circulated w/ Rig</i>
<i>400</i>					<i>Hook up To BES</i>
<i>415</i>	<i>5000</i>		<i>.5</i>	<i>.1</i>	<i>Pressure Test</i>
<i>420</i>	<i>6000</i>		<i>.5</i>	<i>4.0</i>	<i>Pump water spacer</i>
<i>425</i>	<i>6000</i>		<i>12</i>	<i>4.0</i>	<i>Pump Mid Flush</i>
<i>430</i>	<i>575</i>		<i>5</i>	<i>4.0</i>	<i>Pump Water Spacer</i>
<i>435</i>	<i>550</i>		<i>102</i>	<i>4.0</i>	<i>Pump cement @ 15.6#</i>
<i>510</i>	<i>400</i>				<i>Drop Plug Wash Up</i>
<i>515</i>	<i>400</i>		<i>20</i>	<i>4.0</i>	<i>Displace</i>
<i>520</i>	<i>2100</i>		<i>10</i>	<i>2.0</i>	<i>Slow Down - Displace - Shear Pins</i>
<i>525</i>	<i>2100</i>		<i>46</i>	<i>3.4</i>	<i>Displace</i>
<i>540</i>	<i>3000</i>		<i>10</i>	<i>2.0</i>	<i>Slow Down - Displace</i>
<i>545</i>	<i>3500</i>		<i>.1</i>	<i>.1</i>	<i>Land Plug - Float Did NOT Hold</i>
<i>600</i>					<i>Pull out of Liner</i>
<i>645</i>	<i>6000</i>		<i>140</i>	<i>5.0</i>	<i>Reverse Out</i>
					<i>No cement circulated out</i>
					<i>Job Complete</i>
					<i>Thanks For Using Basic Energy Services</i>
Service Units	<i>19820</i>				
Driver Names	<i>J. Chava</i>				

Long
Customer Representative

Ben Best
Station Manager

James Chava
Camanteur