

# Mid-Continent Conductor, LLC

P.O. Box 1570, Woodward, OK 73802

Ph. 580-254-5400 Fax 580-254-3242

## CEMENTING REPORT

Operator: Unit Corporation
Well Name: Debes 29-1H
Legal Description: Sec 29-25S-10W, Reno Cnty, KS

Cement Casing Data	
Cementing Date	11-6-12
Size of Drill Bit (Inches)	28
Size of Casing (Inches O.D.)	16
Setting Depth of Casing (ft.) from ground level	160
Type of Cement	Common Cement
Sacks of Cement Used	144
Was cement circulated?	Yes
Job witnessed by: <i>B.J. Hope</i>	



Jeff M. Owen

Mid-Continent Conductor, LLC

Customer UNIT Petroleum Lease No. \_\_\_\_\_ Date 11-15-12  
 Lease DEBES Well # 29  
 Field Order # 6615 Station Pratt Casing 9 5/8 Depth \_\_\_\_\_ County Rego State KS  
 Type Job 9 5/8 Intermediate ann Formation \_\_\_\_\_ Legal Description 29-243-10A

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	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	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative				Station Manager				Treater			
Service Units	<u>77463</u>	<u>70959</u>	<u>19919</u>	<u>19954</u>	<u>19862</u>						
Driver Names	<u>MINE</u>	<u>SCOT</u>		<u>JESSIE</u>							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>7:15</u>					<u>on loc - safety meeting</u>
					<u>Guideshoe on 1 1/2" JT. and lower</u>
					<u>Basket at 200' from surface</u>
					<u>Centralizer on JTS. 136-910</u>
<u>10:15</u>					<u>casing on BOTTOM</u>
<u>11:20</u>					<u>Breaks Circ. with Big</u>
<u>11:15</u>	<u>300</u>		<u>122</u>	<u>7</u>	<u>Mix 325 SK A-con 3% 1/4 H cell FL</u>
	<u>200</u>		<u>59</u>	<u>7</u>	<u>Mix 250 SK common 2% 1/4 H cell FL</u>
					<u>Shut Down / Release Plug</u>
					<u>START H2O Displacement</u>
	<u>400</u>		<u>86</u>	<u>5</u>	<u>Common to Surface</u>
<u>12:30</u>	<u>400-400</u>		<u>115</u>	<u>5</u>	<u>Plug Down Diaphragm Hold</u>
	<u>500</u>		<u>1</u>	<u>1</u>	<u>Put up to 500</u>
					<u>Run 37 JTS 1 5/8 200' long</u>
					<u>Circ. This Job</u>
					<u>Run 29 BBL Common to Surface</u>
					<u>JOB COMPLETE</u>
					<u>Thank you</u>
					<u>APRIL</u>

Customer Unit Petroleum Company	Lease No.	Date 11-29-12			
Lease Debes 29	Well # 1H				
Field Order # 7436	Station Pratt, Kansas	Casing 7-26Lb	Depth 4405 Feet	County Reno	State Kansas
Type Job C.N.W. - Longstring	Formation	Legal Description 27-255-10W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 7-26Lb	Tubing Size 4-1/2"	Shots/Ft 160	From 28'	To 4405'	Acid 160 sacks AA2 Cement with 5% Frac	RATE 5.98	PRESS 27.38	ISIP Friction Reducer
Depth 4405'	Depth 4405'	From 28'	To 4405'	Pre Pad 108 Salt, 25Lb/st	Max Calf Plate	5Lb/st	6	5 Min.
Volume 168.7 Bbl.	Volume 168.7 Bbl.	From	To	Pad 15Lb/Gal, 601 Gal/st	Min 1.43 CU.F.	1.43	6	10 Min.
Max Press 1500 Ps	Max Press 1500 Ps	From	To	Frac	Avg			15 Min.
Well Connection Plug Container	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 4405'	Packer Depth	From	To	Flush 169 Bbl. Fresh Water	Gas Volume			Total Load

Customer Representative Brent Keys	Station Manager David Scott	Treater Clarence R. Messick
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Service Units 37216	19903	19905	70959	19918				
Driver Names Messick	Mattal	Phye						

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					Trucks on location and hold safety meeting
					Casing being run upon arrival.
5:30					Casing in well. Circulate for 1 Hour
6:25		3000			Shut in well. Pressure Test Open Well
6:27	300			6	Start Fresh Water Pre-Flush
			20	6	Start Mud Flush
			32	6	Start Fresh water spacer
6:37	300		52	5	Start Mixing 160 sacks AA2 cement
	-0-		93		Stoppumping Shut in well Release Top Rubber Plug Open Well
6:51	100			6.5	Start Fresh Water Displacement and Washup pump truck on top of plug.
			136	5	Start to lift cement
	600		169		Plug down
7:16	1,500				Pressure up
					Release pressure Float Shoe held
7:45					Job Complete
					Thank You
					Clarence Mite Dale