

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: M&M Farms 20-1H
Legal Description: Sec 20-24S-9W, Reno Cnty, KS

Cement Casing Data	
Cementing Date	11-30-12
Size of Drill Bit (Inches)	28
Size of Casing (Inches O.D.)	16
Setting Depth of Casing (ft.) from ground level	125
Type of Cement	Common Cement
Sacks of Cement Used	112
Was cement circulated?	Yes
Job witnessed by:	



Jeff M. Owen

Mid-Continent Conductor, LLC

BASIC

energy services, L.P.

TREATMENT REPORT

Customer UNIT - Petro.	Lease No.	Date 12-24-12	
Lease M.M. Farms	Well # 20		
Field Order # 7422	Station PRA-11 Kc	Casing 9 5/8	Depth 1537'
Type Job CNW 9 5/8	Formation	County RENO	State KS
		Legal Description 20-24-9	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
9 5/8				Pre Pad		Max		5 Min.
Depth 1537	Depth	From	To	Pad		Min		10 Min.
Volume 116.5	Volume	From	To	Frac		Avg		15 Min.
Max Press 500	Max Press	From	To			HHP Used		Annulus Pressure
Well Connection HC	Annulus Vol.	From	To	Flush		Gas Volume		Total Load
Plug Depth 1207	Packer Depth	From	To					

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Alford
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Service Units	37900	33108	20920	19831	19x67	19826	19860				
Driver Names	Sullivan	MELSON	Perison	LAWANCE							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:45					on loc. Safety meeting
					Run 37 JTS 9 5/8 #36 CSP
11:20					CASING ON BOTTOM
11:25					Hook up circ
12:00	100		5	3	St SPACED
			123	5.5	mix 325 sk A-con cmt w/3%cc 1/4" CF
			60		mix Tail 280 sk conn.cmt w/2%cc 1/4" CF
					cmt mixed shut down
					Release Plug
				5.5	St Reip
1:00	950		1155	4	plug down
					circ 37 bbl cmt Pit
					JOB Complete
					Thank you

