

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: Holcomb 21-1H
Legal Description: Sec 21-24S-9W, Reno Cnty, KS

Cement Casing Data	
Cementing Date	1-17-13
Size of Drill Bit (Inches)	28
Size of Casing (Inches O.D.)	16
Setting Depth of Casing (ft.) from ground level	130
Type of Cement	Common Cement
Sacks of Cement Used	128
Was cement circulated?	Yes
Job witnessed by: <i>Ken Socfield (KCC)</i>	

316-249-9248



Jeff M. Owen
Mid-Continent Conductor, LLC



energy services, L.P.

TREATMENT REPORT

Customer	Unit Petroleum	Lease No.		Date	2-3-13		
Lease	Holcomb	Well #	21-14				
Field Order #	1870	Station	Pratt	Casing	Depth	4193	
Type Job	CNW-7" INTERMEDIATE	Formation		County	Reno	State	KS
					Legal Description	21-249	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	160 SKS	Acid	AA2 Cement	RATE	PRESS	ISIP
Depth	Depth	From	To .570	Pre Pad	Fluid Loss .37% CSR	Max		5 Min.
Volume	Volume	From	To .2%	Pad	Dispersant 5% by wgt	Min		10 Min.
Max Press	Max Press	From	To 10905	Frac	1 1/2" / 5/8" : 11 Fl. ch c	Avg		15 Min.
Well Connection	Annulus Vol.	From	To 5 1/2"	Flush	Gilsonite	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To		156.6	Gas Volume		Total Load

Customer Representative	Larry Miller	Station Manager	Dave Scott	Treater	Steve Orlando
Service Units	27283	27463	19910/21010		
Driver Names	Orlando	McBrow	Pierson		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30 AM					On location - Safety Meeting Casing Set @ 4193 Break Circ w/Rig
7:17	350		12	6	Mud flush
7:17	350		5	6	H2O Spacer
7:20	350		40%	6	Mix 160SKS @ 15# 110.7 bbl
7:35	0		0	7	Shut Down - Release Plug Start H2O Displacement
7:55	600		138	6	Lift pressure
7:57	800		149	5	Slow Rate
8:00 AM	1700		159	4	Plug Down - Held
					Job Complete Thanks, Steve

Customer: UNIT PETROLEUM	Lease No.	Date: 2-14-2013
Lease: HOLCOMB 21	Well #: 1H	
Field Order #: 0761	Station: PRATT, KS.	Casing: 4 1/2"
Type Job: CNW - 4 1/2" HANGING LINER	Depth:	County: RENO
	Formation: TD - 10053'	State: Ks.
		Legal Description: 21-245-9W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size: 4 1/2" x 11.6	Tubing Size:	Shots/Ft: CMT -	Acid: SKS PREMIUM	RATE:	PRESS:	ISIP:		
Depth: 10053'	Depth:	From:	To: @ 1.24 CMT	Max:		5 Min.		
Volume:	Volume:	From:	To:	Min:		10 Min.		
Max Press: 6000	Max Press:	From:	To:	Avg:		15 Min.		
Well Connection: BAKER - 00L	Annulus Vol.:	From:	To:	HHP Used:		Annulus Pressure:		
Plug Depth:	Packer Depth:	From:	To:	Gas Volume:		Total Load:		

Customer Representative: CARRY	Station Manager: D. SCOTT	Treater: K. LESLEY
Service Units: 37586 19889 19843 70959 19918 19831 19862 19826 19860		
Driver Names: LESLEY MARQUEZ PHYE ONLOC LAURENCE		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00 AM					ON LOCATION - SAFETY MEETING
					HOOK UP TO 4 1/2" x 11.6# CSG / 3 1/2" D.P.
5:10 PM	600	5000	.5		PSI TEST LINE TO 6000#
5:17 PM					RELEASE BALL
5:18 PM	3000		117	4	PUMP H ₂ O TO SEAT BALL / SET SLAVE
5:45 PM					BREAK CIRC.
5:55 PM					RELEASE D.P. OFF TOOL / STING IN
6:00 PM	300		12	6	MUD FLUSH
6:02 PM	500		5	6	H ₂ O SPACER
6:03 PM	300		182	5	MIX 82.5 SKS. PREMIUM @ 15.6# PPG
6:40 PM					WASH PUMP & LINE CLEAN W/ SUGAR H ₂ O
6:55 PM			0	6	START DISPLACEMENT / 2% KOL / SUGAR
7:15 PM	2500	114	122	4	LAND PLUG / CHECK FLOAT
7:21 PM					RELEASE D.P. OFF LINER
7:45 PM	1000		96	4	CIRC. HOLE CLEAN - WATCH FOR CNT. TO PIT
					PUMPED 49 BBL CNT. TO PIT
					JOB COMPLETE.
					THANKS -
					KEVEN LESLEY