

Customer 170 Drilling inc	Lease No.	Date 3-6-16
Lease NORTHON	Well # H-28	
Field Order # 13022	Station PIATR	Casing
		Depth 4700
Type Job COW plug to abandon	Formation	County Hogeman
		State KS
		Legal Description 28-21-23

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Actd 230 SK	60/40 POZ	RATE	PRESS
Depth 4700	Depth	From	To	Pre Pad 400 SK	Max 25 lbs SK		ISIP 5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 1600	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative L.D. Davis	Station Manager Kevin Guality	Treater Mike Mattal
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Service Units 37586	19843	21010
Driver Names Mattal	McGraw	McGraw

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:10					ON LOCATION / Safety Meeting
					1st Plug @ 1620'
1:38		150	15	4.5	Pump 15 bbl water
1:42		150	12	4.5	Mix 50 SKs 60/40 POZ @ 13.78 PPg
1:44		100	5	4	Pump 5 bbl water
1:46		50	14	4	Pump 14 bbl mud
					2nd Plug @ 750'
2:27		150	10	5	Pump 10 bbl water
2:30		100	20	4	Mix 80 SKs 60/40 POZ @ 13.78 PPg
2:40		50	3	4	Pump 3 bbl water
2:45		50	5	4	Pump 5 bbl mud
					3rd Plug @ 330'
2:55		100	5	5	Pump 5 bbl water
2:56		50	12	5	Mix 50 SKs 60/40 POZ @ 13.78 PPg
2:59		50	1	4	Pump 1 bbl water
					4th Plug @ 60' w/ wooden plug
4:18		100	5	3	Mix 20 SKs 60/40 POZ @ 13.78 PPg
					CMT TO SURFACE
4:22			7		Plug RATHOLE
					JOB COMPLETE
					THANK YOU!
					Mike Mattal Mike + E.J.