

CEMENT TREATMENT REPORT										
Customer: TDR Construction			Well:	Well: orth) Moldenhauer 18-B, 16, W-51,			Ticket: ICT2904			
City, State: Louisburg, KS				County:	931-171	FR, KS	Date	1	12/9/2019	
Field Rep: Lance Town				S-T-R:		SW 29-15-21	Service			
Downhole Information				Calculate	d Slurry		Product	%/#	# *	
Hole Size:				Weight:		# / sx	Class A	60.00%	8967	
Hole Depth: ft				Water / Sx:		gal / sx	Poz	40.00%	4736	
Casing Siz		3 1/2 in		Yield:		ft ³ / sx	Gel	4.00	547	
Casing Dept	W	780 ft		Bbls / Ft.:		CaCl				
Tubing / Line		In M		Depth:		ft	Gypsum			
Dept		ft		Annular Volume:	0	bbls	Metso Kol Seal	-		
Tool / Packer:		11		Excess:	0.00	0.00 bbis Fio Seal				
		bbls		Total Slurry:			Salt (bww)			
Displaceme		PNIQ	I,	Total Sacks:	#DIV/01	3K		Total	44.250	
TIME RA	TE PSI	BBLs	ieve iya		de solte	REMARKS	1. 1. A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	a di di	14,250	
9:00 AM			#18-B - estab	lished rate down 2 1/2" cas	ing			acre locale		
		mixed and pumped 39 sks 60/40 Pozmix cement w/ 4% Bentonite per sk								
	pressured to 500 PSI, shut in casing									
			washed up ed	washed up equipment						
	#16 - established rate down 3 1/2" casing									
	mixed and pumped 50 sks 60/40 4% cement									
			pressured to 500 PSI, shut in casing							
			washed up equipment							
	#W-51 - established circulation through 1" tubing at casing (2 3/8") TD									
				pumped 15 sks 60/40 4% cement, cement to surface						
	-	_	pulled 1" tubing from well, topped well off with 5 sks cement, pressured to 1000 PSI, shut in casing							
	washed up tubing and equipment									
	+				-					
	#47 petablished rate down 2 1/2" gosing									
	#17 - established rate down 3 1/2" casing mixed and pumped 50 sks 80/40 4% cement									
	pressured to 500 PSI, shut in casing									
	washed up equipment									
CREW UNIT SUMMARY										
Cement	Casey	Kenned	iy	89		Average Rate	Average Pressure	Total	Fluid	
Pumo Operati	Harold	Bechtle		239		#DIV/0! bpm	#DIV/01 psi		bbls	
Bulk :	Alan M	lader		247						
Bulk #2: Keith Detwile				124						