

EMENT TREA	TMENT REP	ORT		William Service			2 14.5 - 10.1	
Customer:	TDR Construct	tion We	orth) Moldenha	uer 18-B. 1	6, W-51. Ticke	10	T2904	
City, State:	_ouisburg, KS		U.S.	FR, KS		[8	12/9/2019	
	_ance Town	S-T-		SW 29-15-21		3		
	241100 101111		377	10-10-21	Service		olugo .	
Downhole In	formation	Calcula	ated Slurry	DA	Product	% / #	#	
Hote Size:	ln	Weigi	ht: #/s)	4	Class A	60.00%	8967	
Hole Depth:	ft	Water / S			Poz	40.00%	4736	
Casing Size:	3 1/2 In	Yie		ix .	Gel	4.00	547	
Casing Depth: Tubing / Liner:	780 ft	Bbls / F	-	_	CaCl	+		
Depth:	ln ft	Depi Annular Volum		-	Gypsum Metso	+		
Tool / Packer:	•••	Exces		-	Kol Seal	+		
Depth:	ft	Total Stur			Flo Seal			
Displacement:	bbls	Total Sack		-	Salt (bww)	+ +		
						Total	14,25	
TIME RATE	PSI BBLs			REMARKS			E. B. Switz	
9:00 AM		#18-B - established rate down 2 1/2"	casing					
		mixed and pumped 39 sks 60/40 Poz	nixed and pumped 39 sks 60/40 Pozmix cement w/ 4% Bentonite per sk					
		pressured to 500 PSI, shut in casing						
		washed up equipment						
-++								
-++		#46 - actablished rate down 3 40" on	naina					
		#16 - established rate down 3 1/2" casing mixed and pumped 50 sks 60/40 4% cament						
		pressured to 500 PSI, shut in casing						
		washed up equipment						
		#W-51 - established circulation through 1" tubing at casing (2 3/8") TD						
		mixed and 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						
-++								
		#17 - 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						
						EUM DE L		
	CREW	UNIT		A PAR DE	SUMMA		Water (Carlot of	
Cementer:	Casey Kenne			erage Rate	Average Pressure	Total Fl		
Pumo Operator Bulk #1	Harold Bechtl	e 239 247	#DIV	70! bpm	#DIV/0l psi		bbls	
Bulk #2	Alan Mader Keith Detwile							