CEMENT TREATMENT REPORT

Customer:	Vess Oil	Well:	Pierpoint A 116	Ticket:	ICT 2918
City, State:		County:	Butler, Ks	Date:	12/11/2019
Field Rep:	Shane Summers	S-T-R:		Service:	PTA

Downhole Information	
Hole Size:	in
Hole Depth:	ft
Casing Size:	4.5 in
Casing Depth:	ft
Tubing / Liner:	2.375 in
Depth:	1960 ft
Tool / Packer:	
Depth:	ft
Displacement:	7.6 bbls

Calculated Slurry	
Weight:	14.8 # / sx
Water / Sx:	6.61 gal / sx
Yield:	1.36 ft^3 / sx
Bbls / Ft.:	0.0183
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

Product	% / #	#
Class A	100.00	28200
Poz		
Gel		
CaCl	2.00	376
Gypsum		
Metso		
Kol Seal		
Flo Seal		
Salt (bww)		
	Total	28,576

TIME	RATE	PSI	BBLs	REMARKS
				On location safety meeting. Spot in and rig up.
				Hook up to tubing @ 1960'
	3.0	150.0	27.5	Break circulation with 8.5 BBL water
	3.0	150.0	27.0	Mix and pump gel spacer 20 BBL gel to surface
	3.0	100.0	8.5	Mix and pump 35 sacks Class A 2% CC with cottonseed hulls
	3.0	100.0	5.8	Displace
				Wait 1.5 HR. Run in hole and tag cement @ 1421'. Run in hole and shoot holes @ 300'
				Hook up casing to try to establish circulation
	3.5	500.0	19.5	Well pressured up
				Reshoot holes @ 240'
		350.0		Well pressured up
				Run in hole with 300' tubing.
	2.5	50.0	9.7	Mix and pump 40 sacks Class A 2% CC. Good cement to surface
			1.2	Pull tubing out of hole. Top off with 5 sacks
				Wash up truck.
				Rig down and leave location
				Thanks

	CREW	UNIT
Cementer:	Jake	77
Pump Operator:	Jake	265
Bulk #1:	Garrett	240
Bulk #2:	Mark	122

SUMMARY		
Average Rate	Average Pressure	Total Fluid
3 bpm	200 psi	99 bbls

Hurricane Services, Inc.
250 N. Water