



CEMENT TREATMENT REPORT

Customer: Suemaur E&P LLC	Well: Ritter #1-10	Ticket: ICT2403
City/State: Corpus Christie, TX	County: Decatur, KS	Date: 9/14/2019
Field Rep: Arturo	S-T R: Sec 10 - T4S - R28W	Service: Surface

Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	282 ft
Casing Size:	8 5/8 in
Casing Depth:	262 ft
Tubing Inner:	in
Depth:	ft
Tub. Packers:	
Depth:	ft
Displacement:	18.7 bbls

Calculated Slurry	
Weight:	14.8 # / sx
Water/Sx:	6.30 gal / sx
Yield:	1.32 ft³ / sx
Bbl. / ft:	0.0735
Depth:	282 ft
Annular Volume:	19.257 bbls
Excess:	150%
Total Slurry:	48.1 bbls
Total Sacks:	205 sx

Product	#	#
Class C	100.00	19270
Poz		
Gel		
CaCl	3.00	578
Gypsum		
Metso		
Kol Seal		
Flo Seal	0.25	50
Salt (bww)		
Total		19,898

TIME	RATE	PSI	DBL	REMARKS
9:30				Called for job
13:30				Depart Oakley yard
14:30				Arrive on locn
14:35				JSA, discuss moving on, spotting & rigging up equipment
14:40				Move on, spot & rig up equipment
15:00				Rig-up complete. Rig perform wiper trip
15:25				Rig TOH w/ DP
15:40				Rig RTH w/ cag
16:27				Casing @ setting depth
16:30	6.5	78.0		Circulate & condition hole
16:40	3.5	85.0	5.0	Pump water
16:44	2.5	180.0	49.0	Mix & pump 180sx @ 14.8ppg. Y - 1.32cuft/sk, MW - 6.3g/sk
17:07	2.5	150.0		Displace w/ water
17:09	2.5	200.0	5.5	Cement returns to surface Note: 10bbls / 42sx of cement circulated to surface.
17:13			15.4	Shutdown & shut-in
17:15				Wash-up pumps & lines
17:25				JSA, discuss rigging down & racking up equipment
17:30				Rig down & rack up equipment
17:55				JSA, discuss journey management
18:00				Depart locn
				Thanks for calling Hurricane Svcs Inc

CREW		UNIT	SUMMARY		
Scott Green		74	Average Rate	Average Pressure	Total Fluid
Jessa Jones		230	3.5 bpm	138 psi	75 bbls
John Polley		294			
Michael Reberchek					

Hurricane Services, Inc.
 250 N. Water
 Wichita, KS 67202