



TREATMENT NUMBER FG2013023	DATE 8/9/2013
STAGE 1	JOB TYPE Surface

WELL NAME AND NO. Lahey ATU1	LOCATION (LEGAL) 2510F3L&186FEL,SEC.26,T30S,R35W	RIG NAME: Trinidad Drilling #216	CEMENT PUMPER: 23004
FIELD Hugoton/Panoma	FORMATION Glorieta	WELL DATA	BOTTOM
COUNTY Stevens	STATE Kansas	API NO.	FT TOP FT

RIG FORMAN: Kevin Swafford
CEMENT SUPER: Frank L. Gonzales
Mike Vecellio

BIT SIZE 12 1/4	CSG/Liner Size 8 5/8	WEIGHT 24#	FOOTAGE 549'	GRADE J-55	THREAD STC	SHOE JOINT(S) 42.2	Disp. Capacity 32.3	TOTAL: 32.3
TOTAL DEPTH 573'	MUD TYPE <input type="checkbox"/> BHST <input type="checkbox"/> BHCT	MUD DENSITY	MUD VISC	Include Footage From Ground Level To Head In Disp. Capacity				

SPECIAL INSTRUCTIONS

TYPE	DEPTH	TYPE	DEPTH
TYPE	DEPTH	TYPE	DEPTH

PERSONNEL: j.r. Ortiz, Don Wilson, Ron Trujillo, Robert Ashe, Eric Wheeler

LIFT PRESSURE 191 psi	PRESSURE LIMIT 1000 psi	BUMP PLUG TO 900	NO. of Centralizer: 4 & 1 basket	WATER QUALITY: 7 Ph	ARRIVE ON LOCATION TIME: 1:00 DATE: 8/9/2013	RIG UP TIME: 1:20 DATE: 8/9/2013	LEFT LOCATION TIME: 6:00 DATE: 8/9/2013
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TIME 0001 to 2400	PRESSURE TBG CSG	VOLUME PUMPED INCR CUM	RATE	FLUID TYPE	DENSITY	TEMP
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3:30						Safety meeting
4:00	1000	2	2	1	H2O	8.3 Pressure Test
4:03	100	40	42	4	H2O	8.3 Pump Water Ahead
4:20	150	96.5	138.5	4	Cmt.	15 Pump Cement @ 15 PPG (448 Sks.)
4:51	50	32.3			H2O	8.3 Pump Displacement
4:54	150		148.5	4	H2O	8.3 1st. Call Out
4:57	220		158.5	5	H2O	8.3 2nd. Call Out
4:59	250		168.5	4	H2O	8.3 3rd. Call Out
5:02	180		170.8	1.3	H2O	8.3 Final Lift
5:02	890			1.3	H2O	8.3 Bump Plug
5:12						8.3 Hold for 10 Min. - Plug Held
						8.3 Wash Up Pump and Lines
						8.3 RIG DOWN

System Used	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM				SLURRY MIXED	
Surf. Set	448	1.21	Class G.Pozz.S1.P29.P46				BBLs	DENSITY
							96.5	15

CIRCULATION <input type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN <input type="checkbox"/> No <input type="checkbox"/> Returned to Pit	BREAKDOWN BEFORE PLUG BUMP PRESSURE	100 PSI 180 PSI	FINAL RATE	890 1.3 BPM
DISPLACEMENT VOL. 32.3 BBLs	22				

