

CEMENTING TREATMENT REPORT



TREATMENT NUMBER	FG2013022	DATE	8/6/2013
STAGE	2	JOB TYPE	Production

WELL NAME AND NO.	Rouse ATU1	LOCATION (LEGAL)	212FSL&234FWL_SEC.14,T31S,R37W	RIG NAME:	Trinidad drilling Rig #216	CEMENT PUMPER:	23004
FIELD	Hugoton/Panoma	FORMATION	Chase - Counsel Grove	WELL DATA		BOTTOM	FT TOP FT
COUNTY	Stevens	STATE	Kansas	API NO.			

RIG FORMAN	Kevin Swafford	WELL DATA	BT SIZE 7 7/8	CSG/Liner Size	5 1/2	TOTAL DEPTH	3126	WEIGHT	15.5	MUD TYPE		FOOTAGE	3103.11				
CEMENT SUPER	Frank L. Gonzales																
	Mike Vecellio																

SPECIAL INSTRUCTIONS		Head & Plugs	<input type="checkbox"/> JBG	<input type="checkbox"/> D.P.	SQUEEZE JOB		
		<input type="checkbox"/> Double Box 6	WEIGHT		TOOL	DEPTH	
		<input type="checkbox"/> Single	GRADE		TAIL PIPE:	SIZE	DEPTH
		<input type="checkbox"/> Swage	THREADS		TUBING VOLUME		BBLs
		<input type="checkbox"/> Knockout	<input type="checkbox"/> New <input type="checkbox"/> Used		CSG VOL BELOW TOOL		BBLs
			DEPTH		TOTAL		BBLs

LIFT PRESSURE	851	psi	BUMP PLUG TO	1400	CEMENT TEMPERATURE:	77	ANNULAR VOLUME		BBLs			
PRESSURE LIMIT	3000	psi	NO. of Centralizers	17	WATER QUALITY:	7	pH	0	PPG	71.5	TEMP	
			JOB SCHEDULED FOR	TIME: 19:30 DATE: 8/6/2013	ARRIVE ON LOCATION	TIME: 18:00 DATE: 8/6/2013	RIG UP	TIME: 18:20 DATE: 8/6/2013	LEFT LOCATION	TIME: 22:45 DATE: 8/6/2013		

TIME	PRESSURE TBG	CSG	VOLUME PUMPED INCR	CUM	RATE	FLUID TYPE	DENSITY	DESCRIPTION
19:20								Safety Meeting
19:52						H2O	8.3	Load Bottom Plug
19:54	2500	2	2	1				Pressure Test
20:04	200	75	77	4	H2O	8.3		Water Ahead
20:24	200	137.6	214.6	4	Cmt.	12.5		Pump Cement @ 12.5 PPG (322 Sks.)
20:58	100	38	252.6	4	Cmt.	13.5		Pump Cement @ 13.5 PPG (134 Sks.)
21:12	50	4	256.6	4	H2O			Wash up lines
21:13				4	H2O	8.3		DROP PLUG
21:14	100	71		4	H2O	8.3		Pump Displacement
21:19	400		272.6	4	H2O	8.3		1st. Call Out
21:24	500		292.6	4	H2O	8.3		2nd. Call Out
21:29	700		312.6	1	H2O	8.3		3rd. Call Out
21:37	700			1	H2O	8.3		Final Lift
21:37	1400							Bump Plug
21:47								Plug Held
21:50			50	362.6	4	H2O	8.3	Wash Up Pump and Lines
22:20								RIG DOWN

	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM		SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY
lead	322	2.4	Class G,Pozz.P20,S1,P29,P46,P42,P154		137.6	12.5
tail	134	1.61	Class G,Pozz.P42,S1,P46,P167,P20		38	13.5

CIRCULATION	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BREAKDOWN	200 PSI	FINAL	1400	PSI	
DISPLACEMENT VOL.	71	BBLs	RETURNED TO SURFACE	51	PRESSURE	700	PSI	RATE	1 BPM