

CEMENTING TREATMENT REPORT



TREATMENT NUMBER	SO2010018	DATE	7/16/2010
STAGE	1	JOB TYPE	Surface

WELL NAME AND NO.	Close 4-3	LOCATION (LEGAL)	Sec.3, T32S, R39W	RIG NAME:	Pioneer Natural Resources Rig # 3	CEMENT PUMPER:	2305	
FIELD	Hugoton-Panoma	FORMATION		WELL DATA		BOTTOM	FT TOP FT	
COUNTY	Stevens	STATE	Kansas	API NO.	15-189-22739-00-00			
RIG FOREMAN	Derrick Berry/Tom Beardsley			BIT SIZE	12 1/4	CSG/Liner Size	8 5/8	
CEMENT SUPERVISOR	Stan Owens			TOTAL DEPTH	658	WEIGHT	24	
				MUD TYPE		FOOTAGE	590.84	
				<input type="checkbox"/> BHST		GRADE	J-55	
				<input type="checkbox"/> BHCT		THREAD	LT&C	
				MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)	42.16	
				MUD VISC		Disp. Capacity	38.5	
				Include Footage From Ground Level To Head In Disp. Capacity				TOTAL:
							38.5	

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

LIFT PRESSURE	250	psi					
PRESSURE LIMIT	1200	psi	BUMP PLUG TO	900	CEMENT TEMPERATURE:	80	
			NO. of Centralizers	4	WATER QUALITY:	8 pH	320 SG
							TEMP 76

TIME	0001 to 2400	PRESSURE	TBG	CSG	VOLUME PUMPED	INCR	CUM	JOB SCHEDULED FOR	ARRIVE ON LOCATION	RIG UP	LEFT LOCATION
								TIME: 22:00 DATE: 7/15/2010	TIME: 8:00 DATE: 7/16/2010	TIME: 11:00 DATE: 7/16/2010	TIME: 15:00 DATE: 7/16/2010
								RATE FLUID TYPE DENSITY			

12:29											Pre job safety meeting.
12:34					0.5		H2O	8.3			Test Pumps and Lines.
12:39		80		20	4		H2O	8.3			Pump H2O ahead.
12:45		60		74	4		CMT	12.5			Mix and pump lead cement @ 12.5 ppg.
13:05		60		38	4		CMT	15			Mix and pump tail cement @ 15 ppg.
13:16											Shut down and drop top plug.
13:17		220		38.5	5		H2O	8.3			Pump displacement.
13:27		900			2		H2O				Bump plug and check floats. (Did not hold )
13:32		1000			2		H2O	8.3			Bump plug and check floats. ( Did not hold.)
13:36		1200			2		H2O	8.3			Bump plug and check floats. ( Held O.K. )
22:30											Post job safety meeting.

System Used	No. of Sacks	Yield ft <sup>3</sup> /sk	COMPOSITION OF SYSTEM				SLURRY MIXED	
						BBLs	DENSITY	
	200	2.06	SDC				74	12.5
	170	1.25	Surface Cement				38	15

CIRCULATION	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN	<input type="checkbox"/> Yes <input type="checkbox"/> No	BREAKDOWN	PSI	FINAL	900	PSI
DISPLACEMENT VOL.	38.5	BBLs	RETURNED TO SURFACE	BEFORE PLUG BUMP	250	RATE	2 BPM	
			45 Bbls.	PRESSURE				