

CEMENTING TREATMENT REPORT



TREATMENT NUMBER	SO2011005	DATE	4/21/2011
STAGE	1	JOB TYPE	Long String

WELL NAME AND NO. Thurrow-Hill B ATU	LOCATION (LEGAL) Sec. 32 T30S R36W	RIG NAME: Trinidad Drilling	CEMENT PUMPER: 2304
FIELD Hugoton	FORMATION Chase/Council Grove	WELL DATA	BOTTOM
COUNTY Grant	STATE Kansas	AFE 20195	FT TOP
RIG FOREMAN Phillip Gibson	CEMENT SUPERVISOR Stan Owens	CEMENT EMPLOYEES Robert Mittlieder, Bruce Green and J.R. Ortiz	FT

BIT SIZE	7 7/8	CSG/Liner Size	5 1/2	WEIGHT	17	TOTAL DEPTH	3054	FOOTAGE	3046	GRADE	J-55	THREAD	LT&C	DISP. CAPACITY	69.6	TOTAL	69.6
MUD TYPE																	
<input type="checkbox"/> BHST																	
<input type="checkbox"/> BHCT																	

LIFT PRESSURE	1200	psi	BUMP PLUG TO	2000	psi	NO. of Centralizers	12	WATER QUALITY:		pH		SG		TEMP	70
PRESSURE LIMIT	1400	psi													

TIME 0001 to 2400	PRESSURE		VOLUME PUMPED		JOB SCHEDULED FOR			ARRIVE ON LOCATION		RIG UP		LEFT LOCATION	
	TBG	CSG	INCR	CUM	TIME:	DATE:	TIME:	DATE:	TIME:	DATE:	TIME:	DATE:	
0:00													Pre job safety meeting.
0:49		2000	2		0:00	4/20/2011	22:00	4/20/2011	0:00	4/21/2011	3:00	4/21/2011	Test Pumps and Lines.
0:51		60	4										Pump H2O till circulation established.
0:52		120	139.4										Mix and pump lead cement @ 12.5 ppg.
1:51		230	57										Mix and pump tail cement @ 15 ppg.
2:07													Shut down and wash pumps and lines.
2:09													Drop top plug.
2:11		1200	60										Pump displacement.
2:29		1400	9.6										Slow rate to bump plug.
2:31		2000											Bump plug and check floats. (Held O.K.)
3:00													Post job safety meeting.

Water Requirement	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM				SLURRY MIXED	
			SDC		Surface Set		BBLs	DENSITY
10.21	380	2.06	SDC				139.4	12.5
4.97	260	1.23	Surface Set				57	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	2000	PSI
DISPLACEMENT VOL.	70	BBLs	60	RETURNED TO SURFACE	60	BBLs	BEFORE PLUG BUMP	1400
				PRESSURE	1400	PSI	RATE	2 BPM

