

CEMENTING TREATMENT REPORT



TREATMENT NUMBER SO2010020	DATE 7/29/2010
STAGE 1	JOB TYPE Long String

WELL NAME AND NO. Newby 4-34	LOCATION (LEGAL) Sec.34, T31S, R37W	RIG NAME: Pioneer Natural Resources Rig # 3	CEMENT PUMPER: 2305
FIELD Hugoton-Panoma	FORMATION	WELL DATA	BOTTOM
COUNTY Stevens	STATE Kansas	API NO. 1518922740	FT TOP
RIG FOREMAN Derrick Berry/Bill Vigil		BIT SIZE 7 7/8	CSG/Liner Size 5 1/2
CEMENT SUPERVISOR Stan Owens		TOTAL DEPTH 3185	WEIGHT 15.5
		MUD TYPE	FOOTAGE 3176
		<input type="checkbox"/> BHST	GRADE J-55
		<input type="checkbox"/> BHCT	THREAD LT&C
		MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 42
		MUD VISC	Disp. Capacity 74.6
		Include Footage From Ground Level To Head In Disp. Capacity	
		TYPE	DEPTH
		DEPTH	DEPTH
		TYPE	DEPTH
		DEPTH	DEPTH

SPECIAL INSTRUCTIONS	Head & Plugs	<input type="checkbox"/> TBG	<input type="checkbox"/> D.P.
	<input type="checkbox"/> Double Box 6	WEIGHT	SIZE
	<input type="checkbox"/> Single	GRADE	TOOL
	<input type="checkbox"/> Swage	THREADS	TYPE
	<input type="checkbox"/> Knockout	<input type="checkbox"/> New <input type="checkbox"/> Used	DEPTH
		DEPTH	DEPTH

LIFT PRESSURE 1200 psi	BUMP PLUG TO 2000 psi	NO. of Centralizers 14	CEMENT TEMPERATURE: 80	WATER QUALITY: 8.5 pH	SG 320	TEMP 86
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TIME 0001 to 2400	PRESSURE TBG CSG	VOLUME PUMPED INCR CUM	JOB SCHEDULED FOR TIME: 8:00 DATE: 7/29/2010	ARRIVE ON LOCATION TIME: 2:30 DATE: 7/29/2010	RIG UP TIME: 9:00 DATE: 7/29/2010	LEFT LOCATION TIME: DATE: 7/29/2010
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TIME	PRESSURE	VOLUME PUMPED	JOB SCHEDULED FOR	ARRIVE ON LOCATION	RIG UP	LEFT LOCATION
	TBG CSG	INCR CUM	TIME: 8:00 DATE: 7/29/2010	TIME: 2:30 DATE: 7/29/2010	TIME: 9:00 DATE: 7/29/2010	TIME: DATE: 7/29/2010
			RATE FLUID TYPE DENSITY			
						Pre job safety meeting.
11:27	2000	0.5	0.5 H20 8.3			Test Pumps and Lines.
11:29	90	20	3 H20 8.3			Pump H2O ahead.
11:42	100	106	3 CMT 12.5			Mix and pump lead cement @ 12.5 ppg.
12:14	100	37	3 CMT 15			Mix and pump tail cement @ 15 ppg.
12:32						Shut down and wash pumps and lines.
12:33						Drop top plug.
12:34	220	69.6	3 H20 8.3			Pump displacement.
12:56	1750	5	2 H20 8.3			Bump plug and check floats. (Float did not hold.)
13:00	2000	0.5	2 H20 8.3			Bump plug and check floats. ( Held O.K.)
						Call Outs 25 Bbls 250 Psi. 50 Bbls 800Psi 72 Bbls 1100 Psi. Bumped @ 1500 psi.
						Well circulated cement at 55 bbls. displacement away.
						Pumped 20 bbls good cement to the pit.
13:15						Post job safety meeting.

System Used	No. of Sacks	Yield ft <sup>3</sup> /sk	COMPOSITION OF SYSTEM		SLURRY MIXED	
			BLS	DENSITY	BLS	DENSITY
	325	2	SDC		116	12.5
	170	1.23	Surface Cement		37	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. 68.7 BBLs	RETURNED TO SURFACE 25 Bbls.	BEFORE PLUG BUMP	800	RATE	2 BPM	