

CEMENTING TREATMENT REPORT



TREATMENT NUMBER SO2010021	DATE 8/1/2010
STAGE 1	JOB TYPE Surface

WELL NAME AND NO. Evans 4-25 R	LOCATION (LEGAL) Sec.25, T30S, R36W	RIG NAME: Pioneer Natural Resources Rig # 3	CEMENT PUMPER: 2305
FIELD Hugoton-Panoma	FORMATION	WELL DATA	BOTTOM
COUNTY Grant	STATE Kansas	API NO. 15-067-21716-00-00	FT TOP
RIG FOREMAN Derrick Berry/Tom Beardsley	MUD DENSITY		FT
CEMENT SUPERVISOR Stan Owens	MUD VISC		TOTAL:
SPECIAL INSTRUCTIONS	Include Footage From Ground Level To Head In Disp. Capacity		35
	HEAD & PLUGS	TUBE	D.P.
	WEIGHT	SIZE	TOOL
	GRADE	DEPTH	DEPTH
	THREADS	TAIL PIPE:	DEPTH
	DEPTH	TUBING VOLUME	BBLs
		CSG VOL BELOW TOOL	BBLs
		TOTAL	BBLs
		ANNULAR VOLUME	BBLs
		TEMP	88

LIFT PRESSURE	250	psi	BUMP PLUG TO	900	psi	NO. of Centralizers	4
PRESSURE LIMIT	1200	psi	CEMENT TEMPERATURE:	82	WATER QUALITY:	7.5 pH	325 SG
			ARRIVE ON LOCATION	6:00	DATE:	8/1/2010	
			TIME:	21:30	DATE:	7/31/2010	
			LEFT LOCATION	13:00	DATE:	8/1/2010	

TIME	THICKNESS	DEPTH	INCR	CUM	RATE	FLUID TYPE	DENSITY	DESCRIPTION
11:00								Pre job safety meeting.
11:21					0.5	H2O	8.3	Test Pumps and Lines.
11:24	80	20			4	H2O	8.3	Pump H2O ahead.
11:30	60	46			4	CMT	12.5	Mix and pump lead cement @ 12.5 ppg.
11:45	60	24			4	CMT	15	Mix and pump tail cement @ 15 ppg.
11:53								Shut down and drop top plug.
11:54	220	30			4	H2O	8.3	Pump displacement.
12:03	900	5			2	H2O	8.3	Bump plug and check floats. (Did not hold.)
12:07	1200	1			2	H2O	8.3	Re-bump plug and check floats. (Held O.K.)
								Call Outs 10 Bbls/50 Psi. 20 Bbls/100 Psi 30 Bbls./200 Psi. Final 350 Psi. Bumped @ 900 psi.
								Pumped 15 bbls good cement to the pit.
12:15								Post job safety meeting.

System Used	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM		SLURRY MIXED	
			BLS	DENSITY	BLS	DENSITY
SDC	130	2	46	12.5		
Surface Set	110	1.23	24	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	350	PSI
DISPLACEMENT VOL.	35	BBS	RETURNED TO SURFACE	15 Bbls.	BEFORE PLUG BUMP	200	PSI	RATE	2	BPM