

CEMENTING TREATMENT REPORT



TREATMENT NUMBER GH2013011	DATE 7/28/2013
STAGE	JOB TYPE surface

WELL NAME AND NO. Schmidt ATU 1	LOCATION (LEGAL) 211' FNL & 222' FWL, sec23 T30S, R38W	RIG NAME: Trinidad Drilling Rig #216	CEMENT PUMPER: 23004
FIELD	FORMATION	WELL DATA	
COUNTY Grant Co	STATE KS	API NO.	
RIG FORMAN Kevin Swafford		BIT SIZE	CSG/Liner Size 8 5/8
CEMENT SUPER Gary Hessling		TOTAL DEPTH 616	WEIGHT 24
		MUD TYPE	FOOTAGE 590.74
		<input type="checkbox"/> BHST	GRADE
		<input type="checkbox"/> BHCT	THREAD
		MUD DENSITY	LESS FOOTAGE (SEE POINTS) 42.2
		MUD VISC	Disp. Capacity 34.87
		TOTAL: 34.87	

Include Footage From Ground Level To Head In Disp. Capacity			
TYPE	DEPTH	TYPE	DEPTH
TYPE	DEPTH	TYPE	DEPTH
TYPE	DEPTH	TYPE	DEPTH

SPECIAL INSTRUCTIONS
Set surface casing

Head & Plugs	<input type="checkbox"/> FBG	D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double Box 6	WEIGHT	TOOL	TYPE	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
		ANNULAR VOLUME		BBLs

LIFT PRESSURE 204	psi	BUMP PLUG TO 500 over lift
PRESSURE LIMIT 1000	psi	

NO. of Centralizers 5	WATER QUALITY:	pH	SG	TEMP
ARRIVE ON LOCATION TIME: 8:30 DATE: 7/28/2013	RIG UP TIME: 8:45 DATE: 7/28/2013	LEFT LOCATION TIME: 12:30 DATE: 7/29/2013		

TIME	PRESSURE		VOLUME PUMPED		JOB SCHEDULED FOR			ARRIVE ON LOCATION	RIG UP	LEFT LOCATION
	TBG	CSG	INCR	CUM	TIME:	DATE:	DENSITY			
0001 to 2400										
8:30										Arrive on location
8:45										Rig up pumps and bulk equipment
10:15										Held safety meeting
10:34		1000	2		0.5	H2o	8.34			Test pumps and lines to 1000 psi. Test good.
10:36		52	40		4	H2o	8.34			pumped H2o ahead. Circulation at 0 bbls away
10:47		70	101	143	4	Cmt	15			Mix and pump 101 bbls (468 sks) 15 # surface set cement
11:23		40.3	34.87	177.87	4	H2o	8.34			Drop plug and start displacement
										Displacment callouts 11 bbls 4 bpm 120 psi
										22 bbls 4 bpm 200 psi
										33 bbls 2 bpm 200 psi slow rate to 1 bbls at 33
23:33										Land plug at 1200. lift 250 psi held for 15 min test float. Tested good
										Finale lift 250 sent 25 bbls good cement to pit
0:15										Rigged down a left location

System Used	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM				SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY		
Surface Set	468	1.21	Surface set 25:75 (p:G) + 3% S1, 0.25 lb / sx p 29 , 0.25 lb / sx p 46 @ 15 # gal				101	15

CIRCULATION <input type="checkbox"/> yes <input type="checkbox"/> no	WASHED CASING DOWN <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	BREAKDOWN	PSI	FINAL	1200	PSI
DISPLACEMENT VOL. 34.87 BBLs	RETURNED TO SURFACE 25	BEFORE PLUG BUMP PRESSURE	250	RATE	2	BPM



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TIME 0001 to 2400	PRESSURE		VOLUME PUMPED		JOB SCHEDULED FOR			COMMENT
	TBG	CSG	INC	CUM	TIME: 9:00	DATE: 7/28/2013		
					RATE	FLUID TYPE	DENSITY	

JOB SUMMARY:

ADDITIONAL NOTES: