

CEMENTING TREATMENT REPORT



TREATMENT NUMBER	DATE
FG2013015	7/14/2013
STAGE	JOB TYPE
2	Production

WELL NAME AND NO.	LOCATION (LEGAL)	RIG NAME:	CEMENT PUMPER:
Jarvis ATU1	194FNL&214FEL_SEC.23,T29S,R37W	Trinidad drilling Rig #216	2301
FIELD	FORMATION	WELL DATA	FT TOP FT
Hugoton/Panoma	Glorietta	BIT SIZE 7 7/8	CSG/Liner Size 5 1/2
COUNTY	STATE	TOTAL DEPTH	WEIGHT
Grant	Kansas	3000	15.5
	API NO.	MUD TYPE	FOOTAGE
		<input type="checkbox"/> BHST	2977.72
		<input type="checkbox"/> BHCT	GRADE
			J-55
		MUD DENSITY	THREAD
		(LESS FOOTAGE SHOE JOINTS)	LT&C
		MUD VISC	42.24
		Disp. Capacity	68.1
		TOTAL: 68.1	

RIG FORMAN Kevin Swafford
 CEMENT SUPER Frank L. Gonzales
 Mike Vecellio

SPECIAL INSTRUCTIONS

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

Head & Plugs	<input type="checkbox"/> TBG	<input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double Box 6	WEIGHT	SIZE	TOOL	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

LIFT PRESSURE	811	psi	BUMP PLUG TO	1300	CEMENT TEMPERATURE:	84	ANNULAR VOLUME		BBLs
PRESSURE LIMIT	3000	psi	NO. of Centralizers	15	WATER QUALITY:	7	pH	0	PPG
			JOB SCHEDULED FOR	16:45	DATE	7/14/2013	ARRIVE ON LOCATION	16:00	DATE:
			TIME:	16:00	DATE:	7/14/134	RIG UP	17:00	DATE:
			RATE	FLUID TYPE	DENSITY	LEFT LOCATION	19:45	DATE:	7/14/2013

TIME	PRESSURE TBG	CSG	VOLUME PUMPED INCR	CUM	RATE	FLUID TYPE	DENSITY	DESCRIPTION
17:40								Safety Meeting
18:00						H2O	8.3	Load Bottom Plug
18:19	3000	2	2	1				Pressure Test
18:26	45	75	77	4		H2O	8.3	Water Ahead
18:37	200	124	201	4		Cmt.	12.5	Pump Cement @ 12.5 PPG
19:09	75	36	237	4		Cmt.	13.5	Pump Cement @ 13.5 PPG
19:20				4		H2O		DROP PLUG
19:20	30	68.1		4		H2O	8.3	Pump Displacement
19:24	20		257	4		H2O	8.3	1st. Call Out
19:30	550		277	4		H2O	8.3	2nd. Call Out
19:36	800		297	4		H2O	8.3	3rd. Call Out
19:40	750		305.1	1		H2O	8.3	Final Lift
19:41	1700			1		H2O	8.3	Bump Plug
19:57			50	355.1				Wash Up Pump and Lines
20:30								RIG DOWN

System Used	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM		SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY
lead	290	2.4	Class G,Pozz.P20,S1,P29,P46,P42,P154		125	12.5
tail	127	1.61	Class G,Pozz.P42,S1,P46,P167,P20		36	13.5

CIRCULATION	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BREAKDOWN	45 PSI	FINAL	1700	PSI
DISPLACEMENT VOL.	68.9	BBLs	RETURNED TO SURFACE	39	BEFORE PLUG BUMP	PRESSURE	750	PSI
						RATE	1	BPM