

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 07-FEB-12	F.R. # 1001886794	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME LOCKWOOD FARMS 3307 #14-1SWD - API 1507721	LOCATION 14-33S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # NABORS 180		TYPE OF JOB Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe							

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
water			8.34				20	
C 15:85:8 +2% CaCl + .25pps Celloflake		175	12.7	2.04	11.2		63.1	46.31
Class C + 2% CaCl + .25pps Celloflake		250	14.8	1.35	6.34		60.1	37.73
Water			8.34				51.3	

Available Mix Water	400	Bbl.	Available Displ. Fluid	300	Bbl.	TOTAL	194.5	84.05
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HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		705	8.921	9.625	36	CSG	705	705	J-55			

LAST CASING				PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
17.	18	84		60	60					9.625	8RD	WATER BASED MU	8.4

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
51.0	BBLS	Water	8.34	230					2816	1500	Rig Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on Location @ 1630. Running Casing,

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 2695 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:30						Arrive on location	
21:15	2695				WATER	Test Pumps & Lines	
21:17	38		4		WATER	start water ahead	
21:27	196		4	44	WATER	end water ahead/ shutdown/ bulk delivery issues	
21:34	229		4		LEAD	start lead slurry @ 12.7ppg	
21:47	332		5.6	55	LEAD	bbls pumped when lead slurry @ shoe	
21:49	339		5.6	68	LEAD	end lead slurry/ start tail slurry @ 14.8ppg	
21:56	240		4	28	TAIL	bbls pumped when cement to surface	
22:01	287		4	55	TAIL	bbls pumped when tail slurry @ shoe	
22:03	244		4	60	TAIL	end tail slurry	
22:05	100		2.5		WATER	drop TRP/ start displacement	
22:18	1043		3	51.7	WATER	bump plug/ shutdown	
22:19	0			-25		check float/ holding/ bbls return	
						80 bbls cement return to surface	
						Thanks for Using BHI Pressure Pumping Services	
						Jonathan Schulz & Crew	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	990	Y <input checked="" type="checkbox"/> N	80	227	0	Y <input checked="" type="checkbox"/> N	