

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 07-DEC-12	F.R. # 1001951419	SERV. SUPV. Jonathan M Schulz
LEASE & WELL NAME CHAIN LAND 3509 #1-1 - API 15077218710000	LOCATION 1-35S-9W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		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	Provided by customer						

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	
Class C + 2% CaCl2+ .25pps Celloflake+		325	14.8	1.35	6.34	03:49	75	47.09
Water			8.34				39	
Available Mix Water <u>800</u> Bbl.		Available Displ. Fluid <u>730</u> Bbl.		TOTAL			<u>134</u>	<u>47.09</u>

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		557	8.921	9.625	36	CSG	549	549	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.
18.	18	47.4		60	60						9.625	8RD	WATER BASED MU	83

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	
0	BBLS	Water	8.34	250					2816	1500	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 0200, Rigging up to Run 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 3771 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
02:00						Arrive on location	
08:17	3771				WATER	test pumps & lines	
08:19	53		3		WATER	open well/start water spacer ahead	
08:26	66		3	20	WATER	end water spacer/start slurry @ 14.8ppg	
08:53	92		3	75	SLURRY	end slurry/shutdown	
08:55	39		3		WATER	drop TRP/start displacement	
08:58	48		3	6	WATER	bbls pumped when cement back to surface	
09:10	957		3	39	WATER	bump plug/shutdown/ start casing test	
09:21	0			-.25		end casing test/ check floats/ holding/ bbls back	
						33bbls of cement return to surface	
						Thanks for using BHI Pressure Pumping	
						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	270	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	33	134	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	