

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E&P INC	DATE 10-JUN-13	F.R. # 1001993599	SERV. SUPV. Jonathan M Schulz
LEASE & WELL NAME HEIMERMAN FARMS 3104 #25-1 - API 15191226550	LOCATION 25-31S-4W		COUNTY-PARISH-BLOCK Sumner Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Plug & Abandon

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	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 spacer			8.34				10	
Lower Plug		42	16.4	1.06	4.35		11	6.02
water			8.34				25	
Top Plug		65	16.4	1.06	4.35		12	6.58
water			8.34				5	

Available Mix Water <u>400</u> Bbl.	Available Displ. Fluid _____ Bbl.	TOTAL	63	12.61
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HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		4611	8.921	9.625	36	CSG	389	389				

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.
											2.875	8RD		

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	WATER
25	BBLS	water	8.34					1500			Frac Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location 0600, Held Location Safety Meeting 0800, Return to location 1000 on 6/11/13

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 2500 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
08:00						Held Location Safety Meeting	
09:30	2500				WATER	Test Pumps & Lines	
09:33	17		2		WATER	open well/start water spacer	
09:40	327		3	10	WATER	break circulation/ end spacer	
09:42	97		2		SLURRY	start slurry @ 16.4ppg	
09:46	66		2	11	SLURRY	end slurry	
09:48	0		2		WATER	start displacement	
09:56	291		2	25	WATR	bbls pumped/ see lift pressure/ shutdown	
09:57	0			-2		open bleed off	
10:00						release to rig to pull 6 stands	
10:00						Arrive on location on 6/11/13	
14:56	2900					Test pumps & lines	
14:59	53		2		WATER	open well/start water spacer	
15:02	54		2	5	WATRE	end water spacer	
15:03	94		2		SLURRY	start slurry @ 16.4ppg	
15:06	65		2	12	SLURRY	end slurry/ shutdown	
15:08	0					turn well over to rig	
						Thanks for using BHI Pressure Pumping	
						Jonathan Schulz & Crew	

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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 2500 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
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:
Y <input checked="" type="checkbox"/> N		Y <input checked="" type="checkbox"/> N	0	75	0	Y <input checked="" type="checkbox"/> N	