

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E&P INC	DATE 13-JUN-13	F.R. # 1001994228	SERV. SUPV. Jonathan M Schulz
LEASE & WELL NAME HEIMERMAN FARMS 3104 #25-1H - API 1519122656	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
water			8.34				10
Upper Plug Class H		65	16.4	1.06	4.35		12.8 7.01
Lower Plug Class H +.02% R-3		95	16.4	1.06	4.35		17 9.30
water			8.34				18.5
Second water spacer			8.34				2

Available Mix Water <u>200</u> Bbl.	Available Displ. Fluid <u>100</u> Bbl.	<b>TOTAL</b>	<u>60.3</u>	<u>16.31</u>
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HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
			6.366	7	23	CSG	4405	4098				
			4	4.5	11.6	CSG	9040	4098				

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
18.5	BBLS	water	8.34					1500			Frac Tank

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:** Arrive on location 930, Run in tubing to set CIBP,

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 3000 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
09:30						Arrive on location	
14:31	3500				WATER	test pumps & lines	
14:35	122		2		WATER	open well/start water spacer to break circulation	
14:41	232		2	10	WATER	end water spacer	
14:44	420		3		SLURRY	start slurry @ 16.4ppg	
14:51	93		3	17	SLURRY	end slurry/start displacement	
14:58	180		3	18.5	WATER	end displacement	
15:00						Release well to rig	
15:00						Arrive on location 6/14/13	
19:24	2500					test pumps & lines	
19:26	20		2		WATER	open well/start water spacer	
19:27	49		2	2	WATER	end water spacer	
19:29	123		2		SLURRY	batch cement and pump @ 16.4ppg	
19:41	115		2	12.8	SLURRY	end slurry	
19:42	0					bleed off pressure release well to rig	
						300 ft plug for second plug	
						Tag first plug @ 3503	
						Thanks for Using BHI Pressure Pumping	

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	PIPE	ANNULUS				TEST LINES                      3000 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
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	<u>SERVICE SUPERVISOR SIGNATURE:</u>
Y <input checked="" type="checkbox"/> N		Y <input checked="" type="checkbox"/> N	1	60.3	0	Y <input checked="" type="checkbox"/> N	