

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 24-SEP-12	F.R. # 1001935934	SERV. SUPV. JONATHAN M SCHULZ III
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 Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	Provided by Baker Oil Tools						

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
Sealbond			8.45				40	
H50:50) + 3% NaCl+ .6% SMS+ .5% FL-52A		415	14.3	1.24	5.54		94	55.93
Displacement			8.34				124.25	
circulate out well			8.34				109	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>400</u> Bbl.		TOTAL			367.25	55.93

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		9053	4	4.5	11.6	LNR	9047	4033	P-110			

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.
6.4	7	23	CSG	4405	4405					2	1502	WATER BASED MU	9.4

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	
124.3	BBLS	Displacement	8.34	1400						5000	
		circulate out well	8.34								

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 2200, Running Casing, Running Drill pipe

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 6940 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
22:00						arrive on location	
08:00				40	SPACER	rig pumps seal bond spacer	
08:25	6940				WATER	test pumps & lines	
08:33	934			3	SLURRY	open well/ start slurry @ 14.3ppg	
08:52	204		4	94	SLURRY	end slurry shutdown	
08:55					WATER	wash pumps & lines	
09:00	138		3		WATER	Drop TRP start displacement	
09:07	259		5	35	WATER	slow rate to bump first plug	
09:09	235		3	45	WATER	bump first plug/ increase rate	
09:23	1318		6	115	WATER	slow rate to bump plug	
09:29	4514		3	124.25	WATER	bump plug/ monitor for 10 minutes	
09:43	0			-2.5		check float/ holding/ bbls return	
10:07	4565				WATER	test annulus/ monitor for 10 minutes	
10:20	0				WATER	holding/ bleed off pressure	
10:34	157		3		WATER	begin circulating out well	
11:04	529			109	WATER	end circulation/ rig down	
						Approximately 5 bbls of cement to surface	
						Thanks for using BHI Pressure Pumping	

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	PIPE	ANNULUS				TEST LINES 6940 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input 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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	4500	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	367.25	0	Y <input checked="" type="checkbox"/> N	