

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 22-MAR-12	F.R. # 1001896166	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME DAVIS 3407 #27-2H - API 15077218160000	LOCATION 27-34S-7W		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, Ph	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				20
Class C + 2% CaCl + .25pps Celloflake + 0.01% stat		500	14.8	1.35	6.34	02:45	120.2
Water			8.34				58.52
Available Mix Water <u>450</u> Bbl.		Available Displ. Fluid <u>350</u> Bbl.		TOTAL			198.72
							75.47

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		820	8.921	9.625	36	CSG	802	802	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	FRESH WATER	8.34	

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
58.5	BBSL	Water	8.34	255					3568	2000	Frac Tank

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:** Arrive on location 0500 3/21/2012, Pulling drill Pipe, 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 3716 PSI	
05:00						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
03:30	3716				WATER	Arrive on location on 3/21/2012	
03:31	170		5.5		WATER	test pumps and lines on 3/22/2012	
03:35	225		5.6	23	WATER	open well/start water ahead	
03:47	281		5.6	62	SLURRY	end water ahead start slurry @ 14.8ppg	
04:01	95		4	118	SLURRY	bbls pumped when cement @ shoe	
04:03	53		3		WATER	end slurry/ shutdown	
04:07	279		4	15	WATER	Drop TRP/start displacement	
04:16	332		3.5	59	WATER	cement to surface	
04:22	0			-25		bbls pumped/ end displacement/ shutdown	
04:26	225					check float/ not holding	
						Pressure up to psi and shutin	
						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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	255	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	45	200	230	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	