

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 09-SEP-12	F.R. # 1001933384	SERV. SUPV. JUSTIN D STAMPER
LEASE & WELL NAME SCHUPBACH 3510 #4-1H - API 15007238530000	LOCATION 4-35S-10W		COUNTY-PARISH-BLOCK Barber Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
7" Top Cem Plug, Nitrile cvr, Phen	Shoe 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
SEAL BOND			8.45				40	
15:85:8(POZ,C,GEL)+10%SALT+.5%SMS+4PPS KOLS		790	12.4	2.45	13.51	04:37	344	253.99
50:50:2(POZ,C,GEL)+4#KOLSL+.15%SMS+.3%FL52		200	14.2	1.32	5.56	03:58	47	26.47
WATER			8.34				203	

Available Mix Water	1000	Bbl.	Available Displ. Fluid	1000	Bbl.	TOTAL	634	280.06
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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		5216	6.366	7	23	CSG	5190	4768	L-80	5190	5145	

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.
8.9	9.625	36		800	800			4600	4600	7	8RD	WATER BASED MU	9

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	FRAC TANK
203	BBLs	WATER	8.34	1500					5072	3500	FRAC TANK

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: ARRIVE ON LOCATION, RIG UP, WAIT ON RIG

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 4200 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:00						ARRIVE ON LOCATION	
14:00						SAFETY MEETING	
14:55	4200					TEST LINES, START LEAD SLURRY, SEAL BON PUMPED BY RIG	
16:09	300		4.8	344	LEAD	FINISH LEAD, START TAIL	
16:25	100		3	47	TAIL	FINISH TAIL, DROP PLUG PLUG AND START DISPLACMENT	
17:00	1000		4	135	WATER	SLOW DOWN PER COMPANY MAN	
17:11	1300		3.5	175	WATER	SLOW DOWN PER COMPANY MAN	
17:19	1400		3	195	WATER	SLOW DOWN PER COMPANY MAN	
17:24	1300		2	204	WATER	BUMP PLUG PRESSURE UP TO 2400 PSI	
17:55	0				WATER	BLEED OFF RECEIVED 2 BBLs BACK TO TRUCK	
						FLOATS HOLDING	
						THANK YOU FOR USING BHI	
						JUSTIN STAMPER AND 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	2400	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	180	595	0	Y <input checked="" type="checkbox"/> N	