

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 06-JUN-12	F.R. # 1001912758	SERV. SUPV. JUAN D MAESTAS
LEASE & WELL NAME CHAIN LAND 3509 #11-1H - API 15077218110000	LOCATION 11-35S-9W		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, Phe	Float Shoe 9-5/8 - 8rd						

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
C + Additives		500	14.8	1.35	6.34	02:45	119.89	75.45
Displacement			8.34				58.76	
Water			8.34				20	
Available Mix Water <u>450</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		TOTAL				
						198.64		75.45

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		800	8.921	9.625	36	CSG	800	800		835	793	

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	8 RND	WATER BASED MU	8.8	

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	RIG
58.6	BBLs	Displacement	8.34	327	0	0	0	0	3520	2816	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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 checked="" type="checkbox"/> BJ <input type="checkbox"/>					
08:30	0	0	0	0	0	ARRIVED ON LOCATION					
08:35	0	0	0	0	0	HAZARD ASSESMENT WALK AROUND					
08:30	0	0	0	0	0	CIRCULATEING ALREADY					
11:15	0	0	0	0	0	HELD SAFTY MEETING WITH RIG CREW					
11:56	0	0	0	0	0	TEST C 174 PUMP AND LINES TO 2500 PSI					
12:05	230	0	5.5	20	H2O	PUMP FRESHWATER SPACER					
12:09	250	0	5.6	120	CMT	PUMP SLURRY @ 14.8 PPG					
12:36	0	0	0	0	CMT	SHUT DOWN					
12:38	200	0	2	0	H2O	DROP TOP PLUG AND DISPLACE CEMENT TO SURFACE					
12:41	420	0	5	10	H2O	INCREASE RATE					
12:49	330	0	2.8	50	H2O	SLOW RATE					
12:54	500	0	2.8	60	H2O	BUMP TOP PLUG TO 1000 PSI					
12:59	0	0	0	0	H2O	BLEED PRESSURE .5 BBL RTN FLOAT HELD					
	0	0	0	0	H2O	BLEED PRESSURE BBLs RTN FLOAT HELD					

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 type="checkbox"/> Y <input type="checkbox"/> N	400	<input type="checkbox"/> Y <input type="checkbox"/> N	60	199	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	