

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 08-JUN-12	F.R. # 1001913808	SERV. SUPV. JUAN D MAESTAS
LEASE & WELL NAME CHAIN LAND 3509 #11-1 - API 15077218080000	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>1000</u> Bbl.		Available Displ. Fluid <u>1000</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		827	8.921	9.625	36	CSG	827	827		827	785.38	

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	8RND	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	
60	BBLs	Displacement	8.34	350	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	3000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
15:00	0	0	0	0	0	ARRIVED ON LOCATION	
15:05	0	0	0	0	0	HAZARD ASSESMENT WALK AROUND	
22:00	0	0	0	0	0	HOOKED UP TO CIRCULATE	
23:00	0	0	0	0	0	HELD SAFTY MEETING WITH RIG CREW	
23:51	0	0	0	0	H2O	TEST C174 PUMP AND LINES TO 3000 PSI	
23:53	250	0	5.5	20	H2O	PUMP FRESHWATER SPACER	
23:56	0	0	0	0	CMT	BATCHUP	
00:07	110	0	2.2	120	CMT	PUMP SLURRY @ 14.8 PPG	
00:33	0	0	0	0	CMT	SHUT DOWN	
00:35	130	0	1.3	0	H2O	DROP TOP PLUG AND DISPLACE	
00:41	410	0	5	20	H2O	INCREASE RATE CEMENT TO SURFACE	
00:49	250	0	2.8	50	H2O	SLOW RATE	
00:53	550	0	2.8	60	H2O	BUMP TOP PLUG TO 1250 PSI FLOAT HELD	
	0	0	0	0	H2O	BLEED PSI	BBL RTN FLOAT HELD

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 500	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 40	TOTAL BBL. PUMPED 199	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N	SERVICE SUPERVISOR SIGNATURE:
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