

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 04-DEC-12	F.R. # 1001950081	SERV. SUPV. James Kirkpatrick
LEASE & WELL NAME KOBBLITZ 3409 #28-1 - API 15077218540000	LOCATION 28-34S-9W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 774	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	No Shoe, Cust Sup						

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
C50:50:2 + Additives		90	14.2	1.32	5.66	03:45	21.11	12.12
Displacement			8.34				214	
SealBond Spacer 25 (w/ 45lb bag)			8.45				40	
C15:85:8 + Additives		140	12.4	2.45	13.51	05:00	61.01	45.04
Available Mix Water <u>250</u> Bbl. Available Displ. Fluid <u>250</u> Bbl.		TOTAL					336.12	57.16

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		5454	6.366	7	23	CSG	5444	5444	N-80	5444	5407	

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		500	500			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	RIG
214	BBLs	Displacement		8.34	600					5072	675	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING NO PROBLEMS

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 3500 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
08:50	3020				H2O	TEST PUMP AND LINES, START LEAD CMT @ 12.4 PPG					
09:15	335		4	61	LEAD CMT	PUMP LEAD CMT, START TAIL CMT @ 14.2 PPG					
09:20	373		4	21	TAIL CMT	PUMP TAIL CMT, DROP PLUG, START DISPLACEMENT					
10:30	680		3.5	214	H2O DISP	PUMP DISP, NO BUMP ON PLUG, SHUT DOWN, TEST FLOAT, HOLDING					
						LOST RETURNS @ 3000' WHILE RUNNING CASING					
						NO RETURNS WHILE PUMPING CMT JOB					
						CAUGHT CMT @ 154 BBL INTO DISPLACEMENT					
						THANK YOU FOR USING BAKER HUGHES, JIM 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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	675	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	296	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	