

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 22-MAR-13	F.R. # 1001971683	SERV. SUPV. James Kirkpatrick
LEASE & WELL NAME YOUNG TRUST 2309 #35-1H - API 1515521613000	LOCATION 35-23S-9W	COUNTY-PARISH-BLOCK Reno Kansas	
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 102	TYPE OF JOB Liner	

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	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
SealBond Spacer, Rig to pump			8.45				20	
H2O			8.34				20	
h50/50,0.001%staticfree,3%salt,0.5%fl62,0.6%sms,0.	125102932	260	14.3	1.24	5.54	05:00	57	34.04
H2O			8.34				109	
Available Mix Water _____ 150 _____ Bbl.		Available Displ. Fluid _____ 300 _____ Bbl.		TOTAL			206	34.04

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		8130	3.826	4.5	16.6	DP	3427	3427	J-55	4543	4496	
			1	4.5	11.6	CSG	4543	4543	L-80			

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.
6.3	7	26		4353	4353						4.5	8RD	WATER BASED MU	8.4

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
109	BBLS	H2O	8.34	450				1575	8552	4500	RIG

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: PROBLEMS WITH LINER ON FIRST CASING RUN...**

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 5500 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
14:00						RIG PUMP 20 BBL SEAL BOND SPACER					
14:15	5050				H2O	TEST LINES, START 20 BBL H2O SPACER AHEAD					
14:25	250		5	20	H2O	PUMP 20 BBL H2O, START CEMENT @ 14.3#					
14:50	55		2.5	57	CEMENT	PUMP 57 BBL CEMENT, SHUT DOWN WASH TRUCK TO PIT, DROP PLUG, START DISPLACEMENT					
15:05	750		3	41	H2O	PUMP 41 BBL DISPLACEMENT, SHEAR PLUG THROUGH DRILL PIPE, CONTINUE DISPLACEMENT					
15:20	475		3	109	H2O	PUMP 109 TOTAL DISPLACEMENT, BUMP PLUG, @ 475 PSI, TAKE PRESSURE UP TO 1600 PSI HOLD 10 MINUTES					
15:30	1600					HOLD 10 MINUTES, CHECK FLOAT, HOLDING					
16:00	4500				H2O	PRESSURE BACKSIDE UP TO 4500 PSI, HOLD 10 MINUTES					
16:10						BLEED OFF, TURN OVER TO RIG TO CIRCULATE THE LONG WAY AROUND					
						CEMENT : 260 SACKS 50/50 H + 0.01% STATIC FREE + 3% SALT + 0.5% FL-62 + 0.6% SMS + 0.5% FL-52A					
						LINER SET @ 7970', TOP OF LINER @ 3427'					
						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:
<input checked="" type="checkbox"/> N	475	<input checked="" type="checkbox"/> N	0	206	0	Y <input checked="" type="checkbox"/> N	