

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 01-MAY-13	F.R. # 1001983287	SERV. SUPV. James Kirkpatrick
LEASE & WELL NAME KNOCHE TRUST 2408 #31-1H - API 1515521611000	LOCATION 31-24S-8W		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
SealBond Spacer, Rig to pump			8.45				40
H50:50,3%salt,0.5%fl62,0.6%sms,0.5%fl52a0.01%stati		405	14.3	1.24	5.54	05:30	90 53.55
H2O			8.34				124
Available Mix Water <u>150</u> Bbl. Available Displ. Fluid <u>300</u> Bbl.		<b>TOTAL</b>					
						254	53.55

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		8945	3.826	4.5	16.6	DP	3529	3529	J-55	8934	8883	
			4	4.5	11.6	CSG	8934	8934	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		4322	4322					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	
124	BBLs	H2O	8.34	450					8552	4500	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 6300 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
07:35	6300				H2O	TEST, START CEMENT @ 14.3#					
08:15	275		4	90	CEMENT	PUMP 90 BBL CEMENT, SHUT DOWN, WASH TO PIT, DROP PLUG, START DISPLACEMENT					
08:35	1150		2.75	42	H2O DISP	PUMP 42 BBL DISPLACEMENT, SHEAR PLUG THRU DRILL PIPE, CONTINUE DISPLACEMENT					
08:55	700		2.75	124	H2O DISP	PUMP 124 BBL DISPLACEMENT, BUMP PLUG @ 700 PSI, TAKE PRESSURE UP TO @ 1300, HOLD 10 MINUTES					
09:05	1300					HOLD 10 MMINUTES, BLEED OFF, SET TOOL, PRESSURE UP BACKSIDE TO @ 4500 PSI					
09:55	4500					PUT 4500 ON BACKSIDE, LEAKING, BLEED OFF, FIX LEAK, PRESSURE UP TO @ 4500 PSI					
10:05						HOLD 4500 FOR 10 MMINUTES, LOST @ 100 PSI IN 10 MIN, BLEED OFF, TURN OVER TO RIG TO CIRCULATE OUT					
						CEMENT: 405 SACKS 50/50 CLASS H + 3% SALT + 0.5% FL-62 + 0.6% SMS + 0.5% FL-52 A + 0.01% STATIC FREE					
						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"/> Y <input type="checkbox"/> N	700	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	214	0	Y <input checked="" type="checkbox"/> N	