

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 14-OCT-12	F.R. # 1001941158	SERV. SUPV. James Kirkpatrick
LEASE & WELL NAME SCHUPBACH RANCH 3510 #3-1H - API 1500723929	LOCATION 3-35S-10W		COUNTY-PARISH-BLOCK Barber Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
4-1/2" Bot Cem Plug, Nitrile cvr, Phe	No Shoe						
4-1/2" Top Cem Plug, Nitrile cvr, Phe							

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			8.45				40	
H50:50 + Additives		370	14.3	1.24	5.54	04:45	81.95	48.77
Displacement			8.34				113	
Available Mix Water <u>250</u> Bbl.		Available Displ. Fluid <u>250</u> Bbl.		TOTAL			234.95	48.77

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		9052	4	4.5	11.6	CSG	4500	4500		9052	8966	

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.
6.4	7	23		5107	5107						4.5	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 TANK
113	BBLS	Displacement	8.34	3000					3186		RIG TANK

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NO TROUBLE RIGGING UP OR PUMPING JOB

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 6000 PSI					
09:45	6146				H2O	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
10:15	414		4	82	CMT	TEST PUMP AND LINES TO 6000 PSI AND START CMT @ 14.3 PPG					
11:00	3955		4	113	H2O	PUMP 82 BBL CMT @ 14.3 PPG, DROP PLUG AND START H2O DISP					
					H2O	PUMP 113 BBL H2O DISP, BUMP PLUG, TEST FLOAT, HOLDING					
					H2O	CAUGHT CMT @ 27 BBL DISP AWAY					
					H2O	BUMPED FIRST PLUG @ 43.5 BBL DISP AWAY					
11:30	4500				H2O	PRESSURE UP TO 4500 PSI AND HOLD FOR @ 15 MIN, BLEED OFF					
12:00						TURN OVER TO RIG TO CIRC OUT THE LONG WAY, RIG DOWN PUMP AND LINES					
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	3200	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	195	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	