CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	DATE	F.R. #	SERV. SUPV.
SHELL WESTERN E & P INC	18-SEP-12	1001935508	Justin D Stamper

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
HEIMERMAN FARMS 3104 #25-1H - API 151912265(	25-31S-4W	Sumner Kansas
DISTRICT	**DRILLING CONTRACTOR RIG #**	**TYPE OF JOB**
McAlester		Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 7 in (FBC	Shoe PROVIDED BY CUSTOMER						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		PHYSICAL SLURRY PROPERTIES						
SEAL BOND			8.45				40	
15:85:8(POZ,C,GEL)+10%SALT+.5%SMS+4PPS KOL		990	12.4	2.45	13.52	06:07	296	218.37
50:50:2(POZ,C,GEL)+4#KOLSL+.15%SMS+.3%FL52		80	14.2	1.32	5.66	04:45	19	10.89
WATER			8.34				172	
						TOTAL	527	229.26

Available Mix Water 1000 Bbl. Available Displ. Fluid 1000 Bbl.

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
8.75		4415	6.366	7	23	CSG	4410	4033	L-80	4410	4371	

LAST CASING ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
8.9	9.625	36		382	382			4600	4600	7	8RD	WATER BASED MU	9.5

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
172	BBLS	WATER	8.34	1400					5072	3000	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: ARRIVE ON LOCATION, WAIT ON CASING,

TIME HR:MIN.	PRESSURE - PSI PIPE	ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 4000 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
15:00						ARRIVE ON LOCAITON
05:30						SAFETY MEETING
06:45	4200				WATER	TEST LINES, START LEAD SLURRY
08:02	200		4	296	SLURRY	FINISH LEAD SLURRY, RECIVED CMT BACK TO SURFACE WENT TO TAIL, START TAIL SLURRY
08:13	200		2	19	LEAD	FINISH LEAD, SHUT DOWN, DROP PLUG, AND DISPLACE
08:57	1050		4	162	WATER	SLOW TO BUMP PLUG
08:59	1100		2	10	WATER	BUMP PLUG PRESSURE TO 1700 PSI
09:03						BLEED OFF RECEIVED 1 BBL. BACK TO TRUCK
						FLOATS HOLDING
						THANK YOU FOR USING BHI
						JUSTIN STAMPER 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 N	1700	[Y] N	230	487	0	Y [N]	