

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 27-JUN-12	F.R. # 1001918930	SERV. SUPV. JUAN D MAESTAS
LEASE & WELL NAME CROFT FARMS 3407 #30-2H - API 1507721815000	LOCATION 30-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		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	Float Shoe 7 - 8rd						
	Float Collar, Auto Fill, 7 - 8rd						

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 +.01%bwoc static free +5% bwow sodium chl		200	14.2	1.32	5.66	03:45	46.91	26.94
Displacement			8.34				211.13	
SealBond Spacer 25 (w/ 45lb bag)			8.45				40	
C15:85:8 + .01%bwoc static free + 10% bwow sodium		790	12.4	2.45	13.51	05:00	344.26	254.16
Available Mix Water <u>1000</u> Bbl. Available Displ. Fluid <u>1000</u> Bbl.		TOTAL		642.31	281.10			

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		5419	6.366	7	23	CSG	5419	4797				

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		800	800			4600	4600				

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	
211.8	BBLS	Displacement	8.34	1500	0	0	0	0	6340	5072	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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"/>	
17:00	0	0	0	0	0	ARRIVED ON LOCATION	
17:05	0	0	0	0	0	HAZARD ASSESMENT WALKAROUND	
17:05	0	0	0	0	0	CIRCULATE	
20:01	0	0	0	0	0	HELD SAFTY MEETING WITH RIG CREW	
20:33	0	0	0	0	SPC	PUMP SEALBOND SPACER WITH RIG	
21:21	0	0	0	0	H2O	TEST PUMP AND LINES TO 5000 PSI	
21:24	400	0	3.5	20	H2O	PUMP FRESH WATER SPACER	
21:30	410	0	3.3	320	CMT	PUMP LEAD SLURRY AT 12.4 PPG	
23:18	130	0	2.6	46	CMT	PUMP TAIL SLURRY @ 14.2 PPG	
23:36	0	0	0	0	CMT	SHUT DOWN	
23:40	130	0	3.7	2	H2O	DROP TOP PLUG AND DISPLACE	
23:48	310	0	3.7	20	H2O	SEE LIFT PRESSURE	
00:06	880	0	3.7	90	H2O	CEMENT TO SURFACE	
00:27	1370	0	1.8	160	H2O	SLOW RATE	
00:56	2100	0	1.8	203	H2O	BUMP TOP PLUG TO 2580 PSI	
01:01	0	0	0	0	H2O	BLEED PRESSURE 1.7BBLS RTN FLOAT HELD	

CEMENT JOB REPORT



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"/>	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>SERVICE SUPERVISOR SIGNATURE:</u>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2100	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	113	577	0	Y <input checked="" type="checkbox"/> N	