

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC			DATE 03-DEC-12		F.R. # 1001950080		SERV. SUPV. James Kirkpatrick						
LEASE & WELL NAME MORROW LAND 3007 #28-1 - API 1509522237000			LOCATION 28-30S-7W			COUNTY-PARISH-BLOCK Kingman Kansas							
DISTRICT McAlester			DRILLING CONTRACTOR RIG # Patterson 264			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		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	
C15:85+ADDITIVES						115	12.4	2.45	13.52	05:00	50	36.89	
C50:50 + ADDITIVES						85	14.2	1.32	5.66	04:43	20	11.46	
H2O							8.34				192		
SEAL BOND							8.43				40		
Available Mix Water			250	Bbl.		Available Displ. Fluid		250	Bbl.		TOTAL	302	48.35
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75		4925	6.366	7	23	CSG	4916	4916	N-80	4916	4888		
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		500	500			4600	4600	7	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		
192	BBLs	H2O	8.34	600					5070	1725	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 3500 PSI							
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>							
01:10	3985				H2O	TEST PUMP AND LINES, START LEAD CMT @ 12.4 #							
01:25	225		4.5	50	LEAD CMT	PUMP 50 BBL LEAD CMT, START TAIL CMT @ 14.8 #							
01:35	200		4.5	20	TAIL CMT	PUMP 20 BBL TAIL CMT, DROP PLUG, START DISPLACEMENT							
02:15	1750		5	192	H2O DISP	PUMP 192 BBL DISPLACEMENT, BUMP PLUG, HOLD 15 MINUTES							
02:30						RELEASE PRESSURE, TEST FLOAT, HOLDING							
						CAUGHT CMT @ 110 BBL INTO DISPLACEMENT							
						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	1100	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	262	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N							