

CEMENT JOB REPORT



CUSTOMER Petroleum Development Corpora		DATE 15-JUL-11	F.R. # 1001836665		SERV. SUPV. CHASE M MURCHISON							
LEASE & WELL NAME PUCKETT #44B-7D - API 05045143610000		LOCATION 7-7S-96W			COUNTY-PARISH-BLOCK Garfield Colorado							
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG #			TYPE OF JOB Surface							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES							
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Al Flap, 9-5/8 - 8rd			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
		Float Shoe 9-5/8 - 8rd										
MATERIALS FURNISHED BY BJ												
Type III with Additives					194	14.2	1.47	7.35		50.91	33.93	
Fresh Water						8.34				166		
Fresh Water						8.34				20		
Premium Lite Cement					1,317	12.5	1.97	10.62		461.44	332.87	
Available Mix Water <u>1000</u> Bbl.		Available Displ. Fluid <u>450</u> Bbl.		TOTAL				698.35	366.80			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
16		2199	9.625	36	CSG	2500	J-55	2199	2156			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
20	52.73		100	No packer		0			9.625	8RND	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	
166	BBLS	Fresh Water		8.34	1000	0	0	0	0	3520	2816	up right rig tank/water trucks

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 4300 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
06:30						safty meeting					
06:40						leave yard					
09:00						arive loc					
09:10						spot trucks					
09:20						rig up meeting / rig up					
11:40						safty meeting					
11:45	63		4	20	H2O	pump paresite					
11:55	4300					psi test					
12:00	180		4	20	H2O	spacer					
12:05						start cement					
12:13	198		5.6	50	SLURRY	12.5ppg cement					
12:23	183		5.6	100	SLURRY	12.5ppg cement					
12:38	366		5.6	200	SLURRY	12.5ppg cement					
12:52	419		7.2	300	SLURRY	12.5ppg cement					
13:08	380		7.2	400	SLURRY	12.5ppg cement					
13:21	372		7.2	500	SLURRY	12.5ppg cement					
13:30	381		7.2	545	SLURRY	12.5ppg cement					
13:41	160		3	50	SLURRY	14.2ppg cement tail					
13:45						drop plug					
13:53	260		7.2	50	H2O	displacment					
14:00	246		7.2	100	H2O	displacment					
14:13	987					bump plug					
14:25	296		3.8	25	H2O	pump down paresite					

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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 4300 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:09	178		2.8	25	SLURRY	top out #1 14.2ppg	
17:24	85		2.8	50	SLURRY	top out #1 14.2ppg	
17:37	86		2.8	75	SLURRY	top out #1 14.2ppg	
18:01	131		2.8	100	SLURRY	top out #1 14.2ppg	
21:54	108		2.8	25	SLURRY	top out #2 14.2ppg	
22:10	123		2.8	50	SLURRY	top out #2 14.2ppg	
01:30	113		2.8	10	SLURRY	cement to surface	
02:00						end job	
						<u>SERVICE SUPERVISOR SIGNATURE:</u>	
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	987	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	3	986	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	