

CEMENT JOB REPORT



CUSTOMER Petroleum Development Corp 01		DATE 24-SEP-10	F.R. # 1001698211	SERV. SUPV. JOSE E CARCAMO	
LEASE & WELL NAME Puckett 11B-24D - API 05045161060000		LOCATION 24-6S-97W		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						
			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR-MIN	Bbl SLURRY	Bbl MIX WATER
9-5/8" Top Cem Plug, Nitrile cvr, Ptn		Float Collar, AI Flap, 9-5/8 - 8rd							
MATERIALS FURNISHED BY BJ									
fresh water			0	8.34	0	0	00:00	10	
surfactant wash+1gpt claytreat 3C+5 gpt Inflo 250W				8.34				20	
+ 1 gpt NE-118				8.34				0	
fresh water			0	8.34	0			10	
(35.65)poz(fly ash) Type III cmt+.04 lbs/sks stati			1,494	12.5	1.95	10.7		500	366.78
free+ .5% bwoc CaCl2+ 25 lbs/sks cello flake+.5%			0	12.5	1.95	10.7		0	0
bwoc sodium metasilicate + .5 gals/100 sks FP-13L+6			0	12.5	1.95	10.7		0	0
Type III cmt+.04 lbs/sks static free+1% bwoc CaCl2			170	14.2	1.47	7.35		43	28.74
+ 25 bwoc cello flake + .5 gals/100sk FP-13L			0	14.2	1.47	7.35		0	0
fresh water				8.34				198	
Available Mix Water 800 Bbl.		Available Displ. Fluid 800 Bbl.	TOTAL			781	395.52		

HOLE		TBG-CSG-D.P.			COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
16		2654	9.625	36	CSG	2700				

LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID		MIX WATER
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	
20	52.73		55	no packer	0	0	0	9.625	8 RD	WATER BASED ML
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI	
VOLUME UOM		TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	
198	BLS	fresh water		8.34	536	0	0	0	3220	1500
										up right

Circulation Prior to Job

Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	Circulation Time:	Circulation Rate: BPM
Mud Density In: 8.9 LBS/GAL Mud Density Out: 8.9 LBS/GAL	PV & YP Mud In:	PV & YP Mud Out:
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:	Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	

Displacement And Mud Removal

Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	Amount Bled Back After Job: 1 BBS
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL	Method Used to Verify Returns: visual
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE	
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Quantity: Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD	

Plugs

Number of Attempts by BJ:	Competition:	Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Quantity:
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Top of Plug: FT	Bottom of Plug: FT	

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE <input type="checkbox"/>	SHOE SQUEEZE <input type="checkbox"/>	TOP OF LINER SQUEEZE <input type="checkbox"/>	PLANNED <input type="checkbox"/>	UNPLANNED <input type="checkbox"/>
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	PSI Applied:	Fluid Weight: LBS/GAL	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: none

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Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: PSI With LBS/GAL Mud Time Held: Hours Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT Target EMW: LBS/GAL Actual EMW: LBS/GAL

Number of Times Tests Conducted: Mud Weight When Test was Conducted: LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

PRESSURE/RATE DETAIL					EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI PIPE ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/>	TEST LINES 3400 PSI	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
01:15							pre convoy safety meeting
01:30							leave yard
03:00							arrived on location
03:20							location assessment
04:00							spot equipment
04:15							pre rig up safety meeting
06:20							pre job safety meeting
06:44							start job
06:44	50	1.3	10				pump water through parasite string
06:50	3400						pressure test lines
06:56	80	3.9	10				pump water spacer ahead
07:04	84	3.9	20				pump surfactant spacer ahead
07:08	99	3.9	10				pump water spacer behind
07:10	353	5.3		CEMENT			pump lead cement
07:33	209	5.3	122				pump lead cement
07:48	221	5.3	200				pump lead cement
08:07	201	5.3	500				pump lead cement
							had slow down pump ping rate . cellar was not keeping
							up pumping the mud .
08:46	48	2.8	17				pump tail cement
08:58	857	2.8	44				pump tail cement
09:00							shut down / wash lines
09:10							drop plug
09:13	355	8.3	10				pump displacement
09:20	283	8.3	40				pump displacement
09:26	494	7.3	80				pump displacement
09:29			99				had to shut down / cellar pump was not keeping once again
09:33							started on displacement again .
10:03	926	2	198				bump plug
10:09							check floats/float held
10:12	127	2	20				pump through the parasite string
10:20							end surface job
10:30							post job safety meeting
							good returns throughout the job
							99 bbls of cement to the pit

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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 type="checkbox"/>				
	PIPE	ANNULUS				TEST LINES 3400 PSI <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1010	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 99	TOTAL BBL. PUMPED 812	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:			