

CEMENT JOB REPORT



CUSTOMER	Petroleum Development Corp 01	DATE	24-SEP-10	F.R. #	1001698211	SERV. SUPV.	JOSE E CARCAMO
LEASE & WELL NAME		LOCATION				COUNTY-PARISH-BLOCK	Garfield Colorado
Puckett 11B-24D - API 05045161060000		24-6S-97W				TYPE OF JOB	Surface
DISTRICT		DRILLING CONTRACTOR RIG #					

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
fresh water	MATERIALS FURNISHED BY BJ							
surfactant wash+1gpt claytreat 3C+5 gpt Infillo 250W			8.34	0	0	00:00	10	
+ 1 gpt NE-118			8.34	8.34	0		20	
fresh water			8.34	0	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				WELL FLUID				
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE
20	52.73		55	no packer	0	0	0	9.625	8 RD	WATER BASED ML
DISPL. VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI.	RATED	MAX TBG PSI	RATED	Operator
198	BLS	fresh water	8.34		0	0	0	0	3220	Operator

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"/> RECIPROCACTION <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"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD		

Plugs

Number of Attempts by B.J.:	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)

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION					
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	X	CO. REP.			
01:15						TEST LINES	3400 PSI	X			
						CIRCULATING WELL - RIG		X			
01:30						pre convoy safety meeting					
						leave yard					
03:00						arrived on location					
						location assessment					
03:20						spot equipment					
04:00						pre rig up safety meeting					
04:15						pre job safety meeting					
06:20						start job					
06:44						pump water through parasite string					
06:44	50		1.3	10		pressure test lines					
06:50	3400					pump water spacer ahead					
06:56	80		3.9	10		pump surfactant spacer ahead					
07:04	84		3.9	20		pump water spacer behind					
07:08	99		3.9	10		pump lead cement					
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 blbs of cement to the pit					

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PRESSURERATE 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		
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	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
						SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N		
						Service Supervisor Signature: _____		