

# CEMENT JOB REPORT



<b>CUSTOMER</b> Petroleum Development Corpora			<b>DATE</b> 27-AUG-10		<b>F.R. #</b> 1001673771		<b>SERV. SUPV.</b> JOSE E CARCAMO					
<b>LEASE &amp; WELL NAME</b> PUCKETT #11D-24D - API 05045161040000			<b>LOCATION</b> 24-6S-97W			<b>COUNTY-PARISH-BLOCK</b> Garfield Colorado						
<b>DISTRICT</b> Grand Junction			<b>DRILLING CONTRACTOR RIG #</b>			<b>TYPE OF JOB</b> Surface						
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>								
9-5/8" Bot Cem Plug, Nitrile cvr, Phe		Float Collar, AI Flap, 9-5/8 - 8rd		<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>		
<b>MATERIALS FURNISHED BY BJ</b>												
water				0	8.34	0	0	00:00	10			
surfactant wash+1 gpt claytreat 3C+5 gpt inflo250W					8.34				20			
w+1 gpt NE-118					8.34				0			
water				0	8.34	0	0	00:00	10			
(35:65)poz(fly ash)Type III cmt +.04 lbs/sk static				1,435	12.5	1.95	10.7		490	359.44		
free+.5% bwoc CaCl2+.25 lbs/sk cello flake+.5%bwoc				0	12.5	1.95	10.7		0	0		
meta silicate+.5 gals/100 sks FP-13L				0	12.5	1.95	10.7		0	0		
Type III cmt +.04 lbs/sk static free+1% CaCl2+.25%				170	14.2	1.47	7.35		48	32.08		
cello flake +.5 gals/100sks FP-13L				0	14.2	1.47	7.35		0	0		
<b>WATER</b>					8.34				191			
<b>Available Mix Water</b> 900 Bbl. <b>Available Displ. Fluid</b> 900 Bbl.				<b>TOTAL</b>					769	391.53		
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>					
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>SIZE</b>	<b>WGT.</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>		
16		2547	9.625	36	CSG	2600						
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>SIZE</b>	<b>WGT</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>BRAND &amp; TYPE</b>		<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
20	52.73		55	NO PACKER		0	0	0	9.625	8 RD	WATER BASED MU	8.7
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>	
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>		
197.9	BBLS	WATER	8.34	460	0	0	0	0	2320	1500	UP RIGHT	
<b>Circulation Prior to Job</b>												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time:			Circulation Rate: BPM			
Mud Density In: 8.7 LBS/GAL Mud Density Out: 8.7 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"/>			
<b>Displacement And Mud Removal</b>												
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 1 BBLS						
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL						Method Used to Verify Returns: VISUAL						
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <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												
<b>Plugs</b>												
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			
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>												
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			
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE</b>												

# CEMENT JOB REPORT



## 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		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	460 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:20						PRE CONVOY SAFETY MEETING	
15:30						LEAVE YARD	
17:30						ARRIVED ON LOCATION	
18:00						CAB UP	
21:00						SPOT EQUIPMENT	
21:30						PRE RIG UP SAFETY MEETING	
23:50						PRE JOB SAFETY MEETING	
00:10	108		1.63	20		START JOB . PUMP THROUGH PARASITE STRING	
00:33	2962					PRESSURE TEST LINES	
00:38	26		3.4	10	WATER	PUMP WATER SPACER AHEAD	
00:41	24		3.4	20	SURFACTA	PUMP SURFACTANT SPACER AHEAD	
00:45	25		3.8	10	WATER	PUMP WATER SPACER AHEAD	
00:50	152		5.2	25	CEMENT	PUMP LEAD CEMENT SLURRY	
01:14	201		5.7	100	CEMENT	PUMP LEAD CEMENT SLURRY	
01:44	225		5.2	225	CEMENT	PUMP LEAD CEMENT SLURRY	
01:51	84		4.5	303	CEMENT	PUMP LEAD CEMENT SLURRY	
02:28	86		4	450	CEMENT	PUMP LEAD CEMENT SLURRY	
02:34	84		3.47	485	CEMENT	PUMP LEAD CEMENT SLURRY	
02:38	72		2.1	6	CEMENT	PUMP TAIL CEMENT SLURRY	
02:52	72		3.4	35	CEMENT	PUMP TAIL CEMENT SLURRY	
02:54						SHUT DOWN / DROP PLUG	
02:56						PUMP DISPLACEMENT	
03:03	54		6	50	WATER	PUMP DISPLACEMENT	
03:11	62		6	100	WATER	PUMP DISPLACEMENT	
03:22	180		6	150	WATER	PUMP DISPLACEMENT	
03:28	300		2.5	180	WATER	SLOW RATE	
03:32	1274		2.5	191	WATER	BUMP PLUG	
03:35						CHECK FLOATS / FLOATS HELD	
03:53	78		1	18	S WATER	PUMP THROUGH PARASITE STRING	
04:10						END JOB	

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	1274	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	769	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	