

# CEMENT JOB REPORT



CUSTOMER: Petroleum Development Corpor.	DATE: 18-APR-11	F.R. # 1001788337	SERV. SUPERV. CHASE M MURCHISON
LEASE & WELL NAME PUCKETT #12B-36D - API 05045198080000	LOCATION 36-6S-97W		COUNTY-PARISH-BLOCK Garfield Colorado
DISTRICT Grand Junction	DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface

SIZE & TYPE OF PLUGS	LST-CSG-HARDWARE	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
9-5/8" Top Cem Plug, Nitrite cur, Pbk	Floater Collar, AI Flap, 9-5/8 - 8rd							
	Floater Shoe 9-5/8 - 8rd							
MATERIALS FURNISHED BY BU								
Type III with Additives		194	14.2	1.47	7.35		50.91	33.93
Fresh Water			8.34				184	
Fresh Water			8.34				20	
Premium Lite Cement		1,317	12.5	1.97	10.62		461.44	332.87
Available Mix Water 1000 Bbl.	Available Displ. Fluid 594 Bbl.	TOTAL					696.35	366.80

HOLE				TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE			
16	30	2500	9.625	36	CSG	2500	J-55	2200			2156		
LAST CASINGS													
SIZE	WGT	TYPE	DEPTH	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WELL FLUID	WGT.	
20	52.73		100	No packer				9.625	8RND	WATER BASED MI			
DISPL. VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER		
164	BBLs	Fresh Water	8.34		1000	0	0		0		3520	2816	up right rig tank

**Circulation Prior to Job**

Circulated Well: Rig  BU  Circulation Time: 1 Circulation Rate: 5 BPM  
Mud Density In: 8.8 LBS/GAL Mud Density Out: 8.8 LBS/GAL PV & YP Mud In: 75 PV & YP Mud Out: 75  
Gas Present: NO  YES  Units: Solids Present at End of Circulation: NO  YES

**Displacement And Mud Removal**

Displaced By: Rig  BU  Amount Bled Back After Job: 1 BBLs  
Returns During Job:  NONE  PARTIAL  FULL Method Used to Verify Returns: visual  
Cement Returns at Surface:  YES  NO Were Returns Planned at Surface:  NO  YES  
Pipe Movement:  ROTATION  RECIPROCATION  NONE  UNABLE DUE TO STUCK PIPE  
Centralizers:  NO  YES Quantity: Type:  BOW  RIGID  
Job Pumped Through:  CHOKE MANIFOLD  SQUEEZE MANIFOLD  MANIFOLD  NO MANIFOLD

**Plugs**

Number of Attempts by BU: Competition: Wiper Balls Used:  NO  YES Quantity:  
Plug Catcher Used:  NO  YES Parabow Used:  NO  YES  
Was There a Bottom:  NO  YES Top of Plug: FT Bottom of Plug: FT

**Squeezes (Update Original Treatment Report for Primary Job)**

BLOCK SQUEEZE  SHOE SQUEEZE  TOP OF LINER SQUEEZE  PLANNED  UNPLANNED   
Liner Packer:  NO  YES Bond Log:  NO  YES PSI Applied: Fluid Weight: LBS/GAL

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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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)

PRESSURERATE DETAIL						EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI PIPE	ANNULUS	RATE BPM	BBL FLUID PUMPED	FLUID TYPE	SAFETY MEETING: TEST LINES	BJ CREW	CO. REP.
18:30						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18:40						safty meeting		
22:30						leave yard		
22:35						arrive loc		
22:40						spot trucks		
01:55						rig up meeting/rig up		
01:45	3500					stab head		
01:50	27		4.8	20	H2O	psi test		
02:00	80		4.8	10	SLURRY	start spacer		
02:09	97		4.8	50	SLURRY	start lead slurry 12.5ppg		
02:19	110		4.8	100	SLURRY	lead slurry 12.5ppg		
02:37	187		6.1	200	SLURRY	lead slurry 12.5ppg		
02:53	202		6.1	300	SLURRY	lead slurry 12.5ppg		
03:19	218		6.1	400	SLURRY	lead slurry 12.5ppg		
03:31	212		6.1	440	SLURRY	lead slurry 12.5ppg		
03:31	212		6.1	440	SLURRY	lead slurry 12.5ppg		
03:41	0		6	10	H2O	tail slurry 14.2ppg		
04:00	114		4.8	90	H2O	displacement		
04:15	1094		2.2	164	H2O	displacement		
09:20						bump plug/1bbl back		
09:30	181		3.6	25	SLURRY	start top out #1		
09:55	130		3.6	100	SLURRY	top out #1 14.2ppg		
12:25						start top out #2		
12:31	217		3.6	25	SLURRY	top out #2 14.2ppg		
12:54	231		3.6	100	SLURRY	top out #2 14.2ppg		
15:18						start top out #3		
15:25	194		3.6	25	SLURRY	top out #3 14.2ppg		
15:48	125		3.6	90	SLURRY	cement to surface 340 sks 1130 total sks top out		
16:45						thank you chase and crew		
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	1094	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	0	954	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N

Service Supervisor Signature:

*Chase Madison*