

# BJ Services Company



FIELD RECEIPT NO. **1001733387**

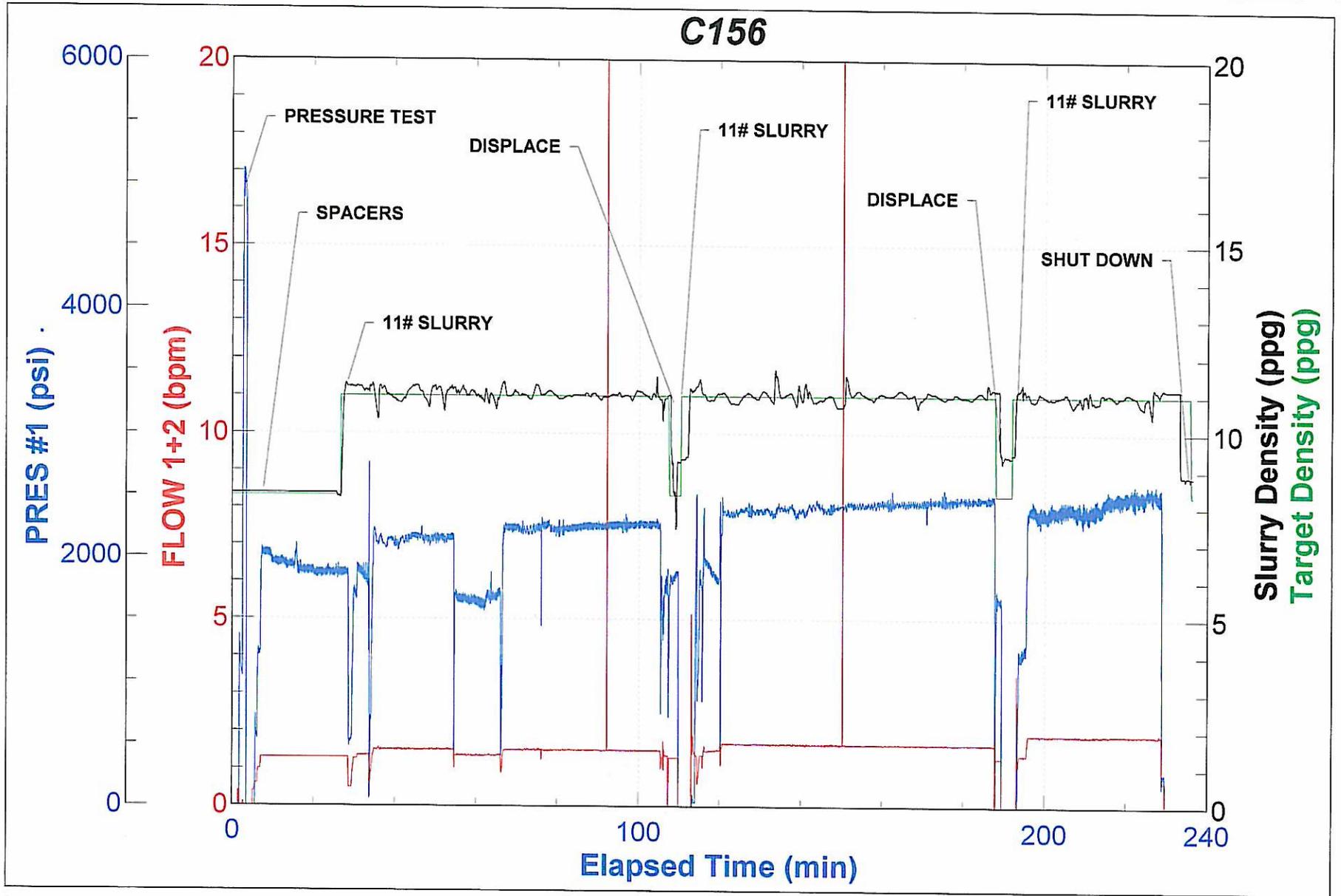
<b>CUSTOMER</b> Petroleum Development Corp 004				<b>CREDIT APPROVAL NO.</b> A10011304982		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20000409 - 00259634		<b>INVOICE NUMBER</b>				
<b>MAIL INVOICE TO</b>		<b>STREET OR BOX NUMBER</b> Box 26			<b>CITY</b> Bridgeport			<b>STATE</b> West Virginia		<b>ZIP CODE</b> 26330				
<b>DATE WORK COMPLETED</b>	<b>MO.</b> 12	<b>DAY</b> 15	<b>YEAR</b> 2010	<b>BJ SERVICES REPRESENTATIVE</b> JOHN R WUDARCZYK		<b>WELL API NO:</b> 05123198600000		<b>WELL TYPE :</b> New Well						
<b>BJ SERVICES DISTRICT</b> Brighton					<b>JOB DEPTH (ft)</b> 6,471			<b>WELL CLASS :</b> Gas						
<b>WELL NAME AND NUMBER</b> KIRBY #29-11					<b>TD WELL DEPTH (ft)</b> 6,500			<b>GAS USED ON JOB :</b> No Gas						
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 29-4N-67W			<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Long String					
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>				<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>				
100120	Bentonite				lbs	1982	0.500	991.00	55%	445.95				
100275	Sodium Metasilicate				lbs	298	3.900	1,162.20	55%	522.99				
398108	Mud Clean II				gals	420	1.610	676.20	55%	304.29				
398224	Premium Lite Cement				sacks	554	24.050	13,323.70	55%	5,995.67				
488019	FP-6L				gals	5	99.250	496.25	55%	223.31				
488353	CSE-2				lbs	4555	1.610	7,333.55	55%	3,300.10				
499632	Granulated Sugar				lbs	100	3.490	349.00	55%	157.05				
<b>SUB-TOTAL FOR Product Material</b>								24,331.90	55.00%	10,949.36				
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	161.500	161.50	0%	161.50				
M100	Bulk Materials Service Charge				cu ft	1121	4.170	4,674.57	55%	2,103.56				
<b>SUB-TOTAL FOR Service Charges</b>								4,836.07	53.16%	2,265.06				
<b>ARRIVE LOCATION :</b>		<b>MO.</b> 12	<b>DAY</b> 15	<b>YEAR</b> 2010	<b>TIME</b> 06:59	<b>SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.</b>				<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>				
<b>CUSTOMER REP.</b> DANNY GREEN					<b>CUSTOMER AUTHORIZED AGENT</b> X									
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>					<b>BJ SERVICES APPROVED</b> X									
					<b>CUSTOMER AUTHORIZED AGENT</b>									

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CUSTOMER Petroleum Development Corp 004				CREDIT APPROVAL NO. A10011304982		PURCHASE ORDER NO.		CUSTOMER NUMBER 20000409 - 00259634		INVOICE NUMBER		
MAIL INVOICE TO STREET OR BOX NUMBER Box 26				CITY Bridgeport		STATE West Virginia		ZIP CODE 26330				
DATE WORK COMPLETED		MO.	DAY	YEAR	BJ SERVICES REPRESENTATIVE JOHN R WUDARCZYK		WELL API NO: 05123198600000		WELL TYPE : New Well			
BJ SERVICES DISTRICT Brighton					JOB DEPTH(ft) 6,471		WELL CLASS : Gas					
WELL NAME AND NUMBER KIRBY #29-11					TD WELL DEPTH(ft) 6,500		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 29-4N-67W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
F065A	Cement Pumping, 6001 - 7000 ft				6hrs	1	6,900.000	6,900.00	55%	3,105.00		
J225	Data Acquisition, Cement, Standard				job	1	1,635.000	1,635.00	55%	735.75		
J390	Mileage, Heavy Vehicle				miles	54	9.100	491.40	55%	221.13		
J391	Mileage, Auto, Pick-Up or Treating Van				miles	54	5.150	278.10	55%	125.15		
	SUB-TOTAL FOR Equipment							9,304.50	55.00%	4,187.03		
J401	Bulk Delivery, Dry Products				ton-mi	1144	3.030	3,466.32	55%	1,559.84		
J404	Bulk Delivery, Return of Unused Mtls				ton-mi	246	3.030	745.38	55%	335.42		
	SUB-TOTAL FOR Freight/Delivery Charges							4,211.70	55.00%	1,895.26		
	FIELD ESTIMATE							42,684.17	54.79%	19,296.71		
ARRIVE LOCATION :		MO.	DAY	YEAR	TIME	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
		12	15	2010	06:59							
CUSTOMER REP. DANNY GREEN					<input checked="" type="checkbox"/> <i>[Signature]</i> CUSTOMER AUTHORIZED AGENT		<input checked="" type="checkbox"/> <i>[Signature]</i> CUSTOMER AUTHORIZED AGENT		<input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									<input checked="" type="checkbox"/> BJ SERVICES APPROVED			



## CEMENT JOB REPORT



CUSTOMER Petroleum Development Corp 01		DATE 15-DEC-10	F.R. # 1001733387	SERV. SUPV. JOHN R WUDARCZYK									
LEASE & WELL NAME KIRBY #29-11 - API 051231988600000		LOCATION 29-4N-67W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Workover		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES									
No Shoe		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER					
MATERIALS FURNISHED BY BJ		—	—	—	—	—	—	—					
Fresh Water		0	8.34	0	0	00:00	20	—					
Premium Lite Cement + Adds		854	11	3.22	19.86	03:00	489.11	403.77					
Fresh Water		0	8.34	0	0	00:00	6.31	—					
Mud Clean II		0	8.34	0	0	00:00	10	—					
Available Mix Water 600 Bbl.		Available Displ. Fluid 600 Bbl.		TOTAL			525.43	403.77					
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE			
10	0	6500	4.5	10.5	CSG	6500	N-80	0	0	0			
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.	
8.625	24	CSG	442	NO PACKER		0	0	0	1.25	8RND	WATER BASED ML	9.3	
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		
6.3	BBLS	Fresh Water		8.34	0	0	0	5000	4000	6224	4000	WATER TANK	
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 2.5 BPM					
Mud Density In: 9.3 LBS/GAL				Mud Density Out: 9.3 LBS/GAL				PV & YP Mud In: 15		PV & YP Mud Out: 15			
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: 0 BBLS									
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 checked="" type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 0				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD													
<b>Plugs</b>													
Number of Attempts by BJ: 1				Competition: 0				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: 4884 FT				Bottom of Plug: 6471 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 checked="" 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: 0		Fluid Weight: 0 LBS/GAL							
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>													
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes					
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>													
Depth Drilled out of Shoe: 0 FT				Target EMW: 0 LBS/GAL				Actual EMW: 0 LBS/GAL					
Number of Times Tests Conducted: 0				Mud Weight When Test was Conducted: 0 LBS/GAL									
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE													

# CEMENT JOB REPORT



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

NONE

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

NONE

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

NONE

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 5101 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
07:30	0	0	0	0	0	PRE RIG UP SAFETY MEETING			
08:00	0	0	0	0	0	PRE JOB MEETING			
08:15	1324	0	0	0	0	LOW PRESSURE TEST			
08:17	5101	0	0	0	0	HIGH PRESSURE TEST			
08:20	2037	0	1.3	10	H2O	EST INJECTION RATE			
08:28	1894	0	1.3	10	H2O	MUD CLEAN SPACER			
08:36	1876	0	1.3	10	H2O	FRESH WATER SPACER			
08:43	2267	0	1.5	123	CMT	BATCH UP AND PUMP 215 SKS PLC + 4% Bentonite + 0.6% SM + 8 lbs/sack CSE-2@11# FROM 6471' TO 4884'			
10:02	1828	0	1.3	3	H2O	DISP SPACER			
10:04	0	0	0	0	0	SHUT DOWN / RIG PULLING TUBING			
10:55	2460	0	1.7	123	CMT	BATCH UP AND PUMP 215 SKS PLC + 4% Bentonite + 0.6% SM + 8 lbs/sack CSE-2@11# FROM 4884' TO 3297'			
12:11	1758	0	1.3	2	H2O	DISP SPACER			
12:13	0	0	0	0	0	SHUT DOWN RIG PULLING TUBING			
12:40	2301	0	1.9	68	CMT	BATCH UP AND PUMP PLC + 4% Bentonite + 0.6% SM + 8 lbs/sack CSE-2@11# FROM 3297' TO SURFACE <b>124 Sks</b>			
13:16	0	0	0	0	0	SHUT DOWN, CEMENT TO SURFACE			
13:45	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING			

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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	8	349	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<i>John R. ...</i>

*OG*