

CEMENT JOB REPORT



CUSTOMER PETROLEUM DEVELOPMENT		DATE 28-NOV-12	F.R. # 1001949809	SERV. SUPV. JOHN R WUDARCZYK									
LEASE & WELL NAME PARISH #32-2 - API 05123125080000		LOCATION 32-5N-67W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # WO		TYPE OF JOB Squeeze-Top									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS	MD TVD HANGER TYPES MD TVD								
		No Shoe											
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Mud Clean II				0	8.34	0	0	00:00	10				
PL+3% GEL+.6%R3				442	13.5	1.52	7.63		119.87	80.31			
ClayCare water				0	8.3	0	0	00:00	10				
PL+3%GEL+.45%R3				884	13.5	1.52	7.64		239.60	160.72			
FRESH WATER				0	8.34	0	0	00:00	9.88				
PL+3%Gel				539	13.5	1.52	7.65		145.83	98.18			
Available Mix Water 600 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL				535.18	339.20				
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
10	0	6400	4	4.5	11.6	CSG	6400	6400	N-80	0	0	0	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	
8.1	8.63	24	CSG	340	340	NO PACKER		0	0	0	1.66	8RND	
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	RATED	Operator	MIX WATER
1	BBLS	FRESH WATER		8.34	0	0		0	6000	4000	6224	4000	FRAC TANK
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 1.5 BPM				
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0				
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: 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 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 type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD													
Plugs													
Number of Attempts by BJ: 0 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: 0 FT			Bottom of Plug: 0 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 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							
Casing Test (Update Original Treatment Report for Primary Job)													
Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud						Time Held: 00 Hours 00 Minutes							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE													

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

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	
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	5254 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
21:40	0	0	0	0	0	ARRIVE ON LOCATION (33 MILES)	
21:50	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
22:42	0	0	0	0	0	PRE JOB MEETING	
00:05	5254	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
00:09	1116	0	1	10	H2O	MUD CLEAN II	
00:18	1802	0	1.4	10	H2O	CLAYCARE WATER	
00:30	2005	0	1.5	115	CMT	BATCH UP AND PUMP 442 SKS PLC+.6%R-3+3%BENTONITE@13.5# FROM 4756-6292	
01:53	0	0	0	0	0	SHUT DOWN	
02:30	1903	0	1.6	119	CMT	BATCH UP AND PUMP 442 SKS PLC+.45%R-3+3%BENTONITE@13.5# FROM 3924-4830	
03:50	0	0	0	0	0	SHUT DOWN	
04:25	1446	0	1.6	119	CMT	BATCH UP AND PUMP 442 SKS PLC+.45% R-3+3%BENTONITE@13.5# FROM 1794-3330	
05:45	0	0	0	0	0	SHUT DOWN	
06:15	1446	0	1.9	145	CMT	BATCH UP AND PUMP 539 SKS PLC+3%BENTONITE@13.5# FROM 0-1794	
07:43	863	0	1.3	1	H2O	DISPLACE	
07:44	0	0	0	0	0	SHUT DOWN / WASH UP	
08:15	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING	

BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 5	TOTAL BBL. PUMPED 519	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:
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John R. Wabnitz

Antonio Barrantes



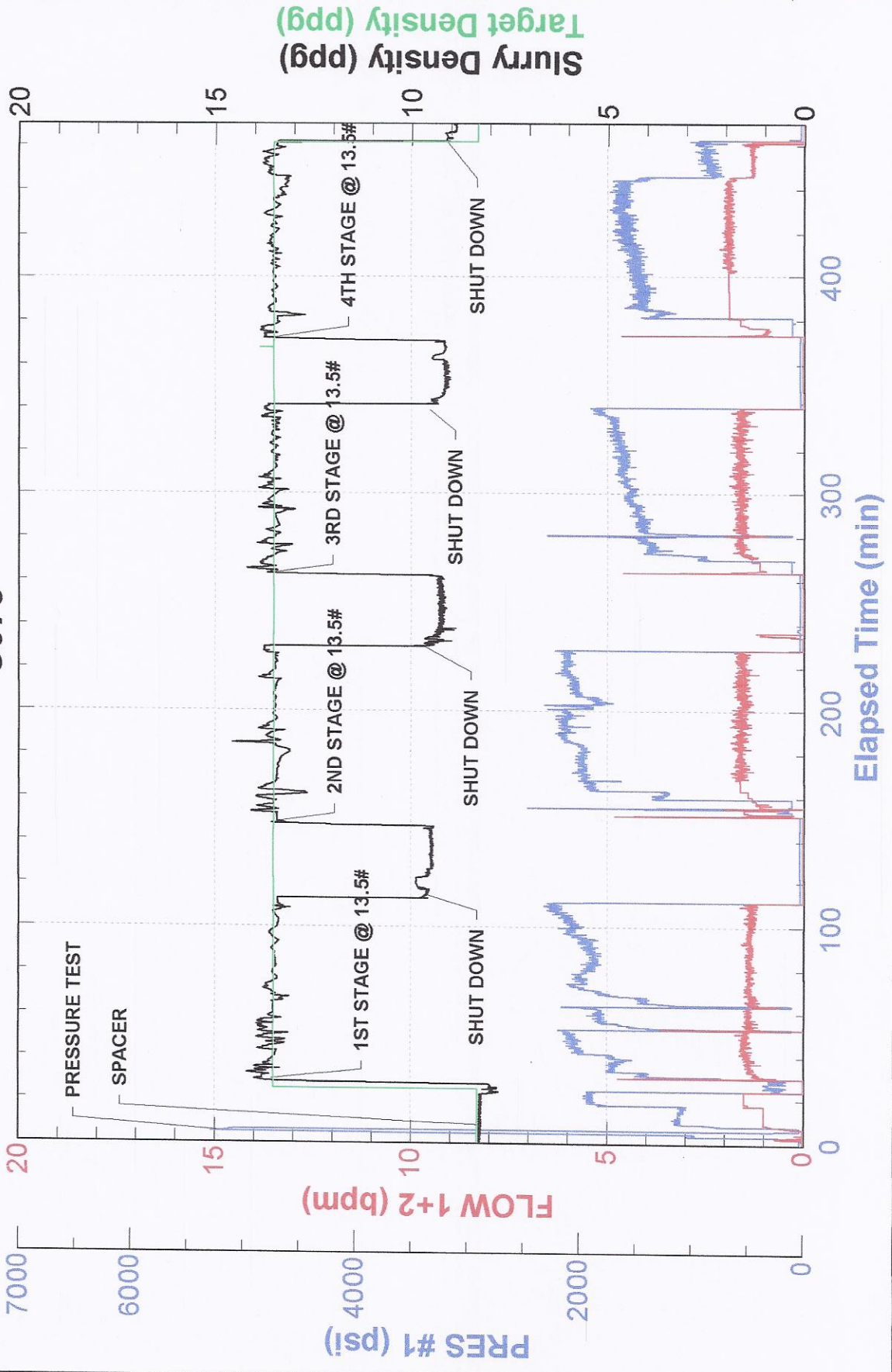
BJ Services JobMaster Program Version 3.50

Job Number: 1001949809

Customer: PDC

Well Name: PARISH # 32-2

C973





FIELD RECEIPT NO. 1001949809

CUSTOMER PETROLEUM DEVELOPMENT CORP STREET OR BOX NUMBER PO BOX 26				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20000409 - 00259634		INVOICE NUMBER	
MAIL INVOICE TO :				CITY Bridgeport		STATE West Virginia		ZIP CODE 26330			
DATE WORK COMPLETED		MO. 11	DAY 28	YEAR 2012	BHI REPRESENTATIVE JOHN R WUDARCZYK		WELL API NO: 05123125080000		WELL TYPE : Old Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 6,292		WELL CLASS : Gas				
WELL NAME AND NUMBER PARISH #32-2					TD WELL DEPTH (ft) 6,400		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 32-5N-67W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Squeeze-Top		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100120	Bentonite				lbs	4869	0.530	2,580.57	60%	1,032.23	
100283	R-3				lbs	597	3.840	2,292.48	60%	916.99	
398108	Mud Clean II				gals	420	1.700	714.00	60%	285.60	
398224	Premium Lite Cement				sacks	1865	27.650	51,567.25	60%	20,626.90	
488019	FP-6L				gals	15	104.250	1,563.75	60%	625.50	
499632	Granulated Sugar				lbs	100	3.840	384.00	60%	153.60	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	2	147.000	294.00	60%	117.60	
SUB-TOTAL FOR Product Material								59,396.05	60%	23,758.42	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100	Bulk Materials Blending Charge				cu ft	1967	5.450	10,720.15	60%	4,288.06	
SUB-TOTAL FOR Service Charges								10,930.15	58.85%	4,498.06	
ARRIVE LOCATION :					MO.	DAY	YEAR	TIME	SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP.					11	27	2012	21:40	CUSTOMER AUTHORIZED AGENT		
TONY BARRIENTOS									X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT				BHI APPROVED		



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CUSTOMER PETROLEUM DEVELOPMENT CORP				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20000409 - 00259634		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER PO BOX 26				CITY Bridgeport		STATE West Virginia		ZIP CODE 26330			
DATE WORK COMPLETED		MO. 11	DAY 28	YEAR 2012	BHI REPRESENTATIVE JOHN R WUDARCZYK		WELL API NO: 05123125080000		WELL TYPE : Old Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 6,292		WELL CLASS : Gas				
WELL NAME AND NUMBER PARISH #32-2					TD WELL DEPTH (ft) 6,400		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 32-5N-67W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Squeeze-Top		

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F065A	Cement Pumping, 6001 - 7000 ft	6hrs	1	8,300.00	8,300.00	60%	3,320.00
F090	Fuel per pump charge - cement	pump/hr	12	70.250	843.00	0%	843.00
J225	Data Acquisition, Cement, Standard	job	1	2,130.000	2,130.00	60%	852.00
J390	Mileage, Heavy Vehicle	miles	66	11.850	782.10	60%	312.84
J391	Mileage, Auto, Pick-Up or Treating Van	miles	66	6.700	442.20	60%	176.88
K371	Field Storage Bin, Up To 5 Days	job	2	1,655.000	3,310.00	60%	1,324.00
	SUB-TOTAL FOR Equipment				15,807.30	56.80%	6,828.72
J401	Bulk Delivery, Dry Products	ton-mi	2772	3.940	10,921.68	60%	4,368.67
	SUB-TOTAL FOR Freight/Delivery Charges				10,921.68	60.00%	4,368.67
	FIELD ESTIMATE				97,055.18	59.35%	39,453.87

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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.

(Signature)
CUSTOMER AUTHORIZED AGENT

TONY BARRIENTOS

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

(Signature)
CUSTOMER AUTHORIZED AGENT

BHI APPROVED

(Signature)