

CEMENT JOB REPORT



CUSTOMER NGL WATER SOLUTIONS DJ L			DATE 29-JUL-14		F.R. # 10011086486			SERV. SUPV. JOHN R WUDARCZYK						
LEASE & WELL NAME BBC SWD #5-61-27 - API 05123385330000			LOCATION 27-5N-61W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG #			TYPE OF JOB Surface								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 9-5/8 in		Float Shoe 9-5/8 - 8rd												
		Alum Baffle Plate, Slip On, 9-5/8												
		Centralizer, with Pins, 9-5/8 in												
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES								
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT₃	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh Water + Dye						0	8.34	0	0	00:00	10			
Surface Cement						229	14.5	1.41	6.82		57.35	37.18		
Fresh Water						0	8.34	0	0	00:00	52.57			
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.						TOTAL		119.92	37.18			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	35	750	8.921	9.625	36	CSG	737	737	J-55	737	695	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	TYPE	WGT.
						NO PACKER		0			9.625	8RND	WATER BASED	8.7
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			
53.7	BBLS	Fresh Water		8.34	222	0	0	0	0	2816	1500	RIG		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM						
Mud Density In: 8.7 LBS/GAL				Mud Density Out: 8.7 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: 1 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 type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 9				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 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 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														
PRESSURE/RATE DETAIL						EXPLANATION								

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	3481 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
09:30	0	0	0	0	0	ARRIVE ON LOCATION (62 MILES)	
09:50	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
10:50	0	0	0	0	0	PRE JOB MEETING	
11:25	3481	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
11:35	206	0	4.8	10	H2O	DYE WATER	
11:42	165	0	3	58	CMT	BATCH UP AND PUMP 229 SKS TYPE III+.08#/SACK STATIC FREE+1.5%CACL+.15#/SACK CELLO FLAKE @ 14.5#	
12:16	0	0	0	0	H2O	DROP PLUG	
12:17	338	0	5	40	H2O	START DISPLACEMENT	
12:27	300	0	2.5	13	H2O	SLOW RATE	
12:32	660	0	0	0	H2O	BUMP PLUG @ 53 BBLS	
12:34	0	0	0	0	H2O	CHECK FLOATS (NO HOLDING)	
12:36	137	0	0	0	H2O	SHUT IN HEAD	
12:45	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:
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	660	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	5	121	137	Y <input checked="" type="checkbox"/> N	



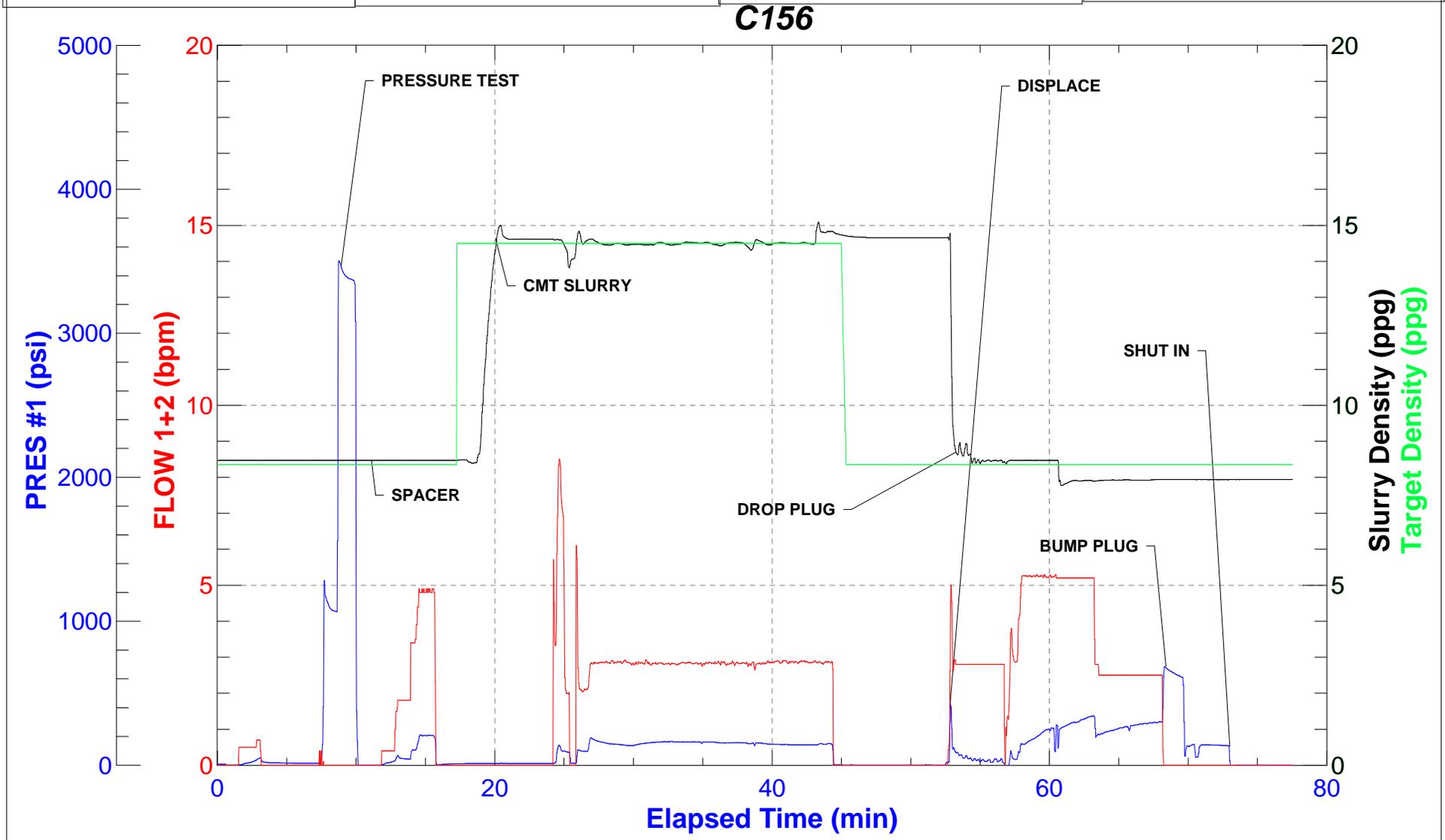
FLOW 1+2 (bpm)

0.0

Target Density (ppg)

8.35

C156





FIELD RECEIPT NO. 10011086486

CUSTOMER NGL WATER SOLUTIONS DJ LLC					CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 0040152619 - 0040152619	INVOICE NUMBER		
MAIL INVOICE TO		STREET OR BOX NUMBER 8207 W 20TH ST			CITY Greeley	STATE Colorado	ZIP CODE 80634			
DATE WORK COMPLETED	MO. 07	DAY 29	YEAR 2014	BHI REPRESENTATIVE JOHN R WUDARCZYK	WELL API NO: 05123385330000	WELL TYPE : New Well				
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 737	WELL CLASS : Injection				
WELL NAME AND NUMBER BBC SWD #5-61-27					TD WELL DEPTH (ft) 750	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 27-5N-61W	COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Surface					
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride				lbs	323	1.290	416.67	55%	187.50
100295	Cello Flake				lbs	35	5.100	178.50	55%	80.33
488019	FP-6L				gals	2	104.250	208.50	55%	93.83
499632	Granulated Sugar				lbs	50	3.840	192.00	55%	86.40
499680	Static Free				lbs	19	40.700	773.30	55%	347.99
499703	Type III Cement				sacks	229	31.700	7,259.30	55%	3,266.69
	SUB-TOTAL FOR Product Material							9,028.27	55.00%	4,062.74
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge				cu ft	261	5.450	1,422.45	55%	640.10
	SUB-TOTAL FOR Service Charges							1,632.45	47.92%	850.10
ARRIVE LOCATION :	MO. 07	DAY 29	YEAR 2014	TIME 09:30	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.	
CUSTOMER REP. CHRIS MONTOYA					SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X	
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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1	3,200.000	3,200.00	55%	1,440.00
F090	Fuel per pump charge - cement				pump/hr	2	70.250	140.50	0%	140.50
J050	Cement Head				job	1	830.000	830.00	55%	373.50
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	55%	958.50
J390	Mileage, Heavy Vehicle				miles	124	11.850	1,469.40	55%	661.23
J391	Mileage, Auto, Pick-Up or Treating Van				miles	124	6.700	830.80	55%	373.86
	SUB-TOTAL FOR Equipment							8,600.70	54.10%	3,947.59
J401	Bulk Delivery, Dry Products				ton-mi	743	3.940	2,927.42	55%	1,317.34
	SUB-TOTAL FOR Freight/Delivery Charges							2,927.42	55.00%	1,317.34
	FIELD ESTIMATE							22,188.84	54.13%	10,177.77
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