

# CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR		DATE 19-APR-12	F.R. # 1001902987	SERV. SUPV. RYAN SULLIVAN			
LEASE & WELL NAME SRC GCC 10VD - API 05123345410000		LOCATION 10-5N-66W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 33		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS			
Latch Down Plug & Assembly, 4-1/2		Centralizer, with Pins, 4-1/2 in		/			
		Float Collar, Auto Fill, 4-1/2 - 8rd		/			
		Float Shoe 4-1/2 - 8rd		/			
<b>PHYSICAL SLURRY PROPERTIES</b>							
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>		
50:50+.4%FL-52+3%Gel+.1%SMS+20%SF+.15%R3		C04-089-12	200	13.5	1.71		
ClayCare Water		N/A	0	8.34	0		
PL+.25#/skCF+.4%FL-52+3%Gel		C04-089-12	835	12.5	1.89		
Fresh Water		N/A	0	8.34	0		
Mud Clean II		N/A	0	8.34	0		
Freshwater		N/A	0	8.34	0		
Available Mix Water 300 Bbl.		Available Displ. Fluid 300 Bbl.	TOTAL		528.9 245.62		
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	
7.875	10	8195	4	4.5	11.6	CSG	
		MD	TVD	GRADE	SHOE	FLOAT	
		8180	8180	N-80	8180	8163	
		STAGE				0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	WELL FLUID	
8.1	8.63	24	CSG	700	700	No packer	
		BRAND & TYPE		DEPTH	TOP	BTM	WGT.
				0	0	0	9.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	
126.9	BBLS	ClayCare Water		8.34	1817	0	
				0	0	0	
				0	0	0	
				6224	3000	Rig	
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 6 BPM	
Mud Density In: 9.4 LBS/GAL				Mud Density Out: 9.4 LBS/GAL		PV & YP Mud In: 19	
						PV & YP Mud Out: 19	
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: 1.2 BBLS			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visually			
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"/> 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: 35		Type: <input checked="" 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: 0				Competition: 0		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT		Bottom of Plug: 0 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	

# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

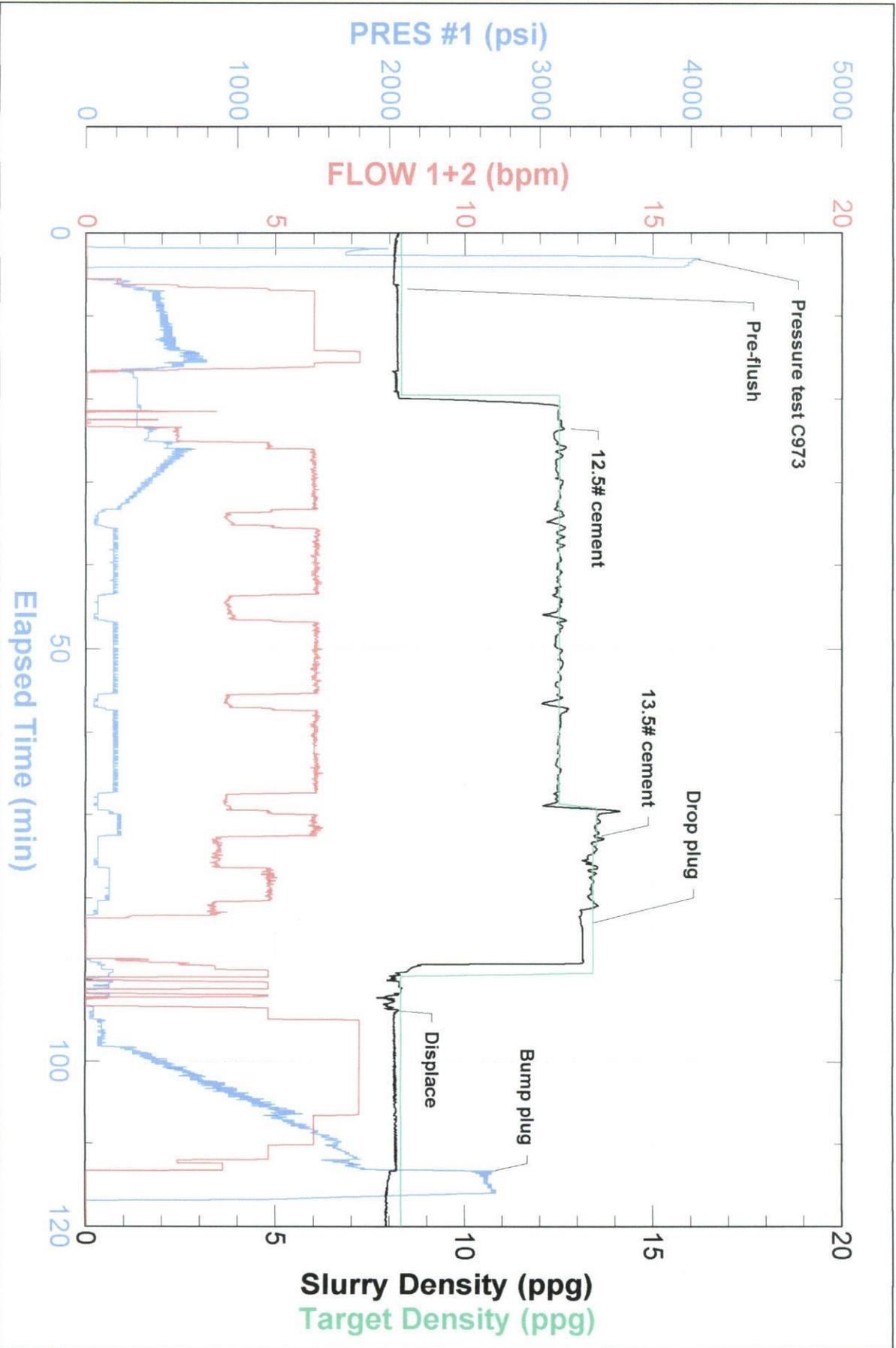
Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	
Problems Before Job (I.E. Running Casing, Circulating Well, ETC) None		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC) None		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) None		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 4137 PSI	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
23:21	0	0	0	0	N/A	Arrive on location, 36 miles, rig still running casing	
00:00	0	0	0	0	N/A	Spot trucks, pre-rig up safety meeting	
01:05	0	0	0	0	N/A	Pre-job safety meeting	
01:21	2069	0	0	0	WATER	Low pressure test	
01:23	4137	0	0	0	WATER	High pressure test	
01:26	459	0	6	20	WATER	Freshwater	
01:30	484	0	6	20	MUD CLEAN	Mud clean II	
01:34	510	0	6	20	WATER	Freshwater	
01:40	178	0	6	250	CEMENT	Batch-up, weigh, & pump 835 sx of PLC + 0.25 lbs/sk Cello Flake + 0.4% FL-52 + 3% Bentonite @ 12.5 ppg	
02:30	153	0	4.8	58.6	CEMENT	Mix, weigh, & pump 200 sx of (50:50) Poz:G + 0.15% R-3 + 0.4% FL-52 + 3% Bentonite + 0.1% SMS + 20% S-8 @ 13.5 ppg	
02:48	0	0	0	0	N/A	Drop plug & wash-up pumps & lines	
02:54	102	0	7.2	34	CLAYCARE	Displace	
02:59	280	0	7.2	56	CLAYCARE	Caught cement	
03:07	1173	0	6	20	CLAYCARE	Rate change	
03:10	1607	0	4.8	10	CLAYCARE	Rate change	
03:12	1842	0	3.6	6	CLAYCARE	Rate change	
03:14	1836	0	3.6	126	CLAYCARE	Bump plug to 2644 psi, 1.2 bbls bled back, floats held	
03:18	0	0	0	0	N/A	Pre-rig down safety meeting	
03:50	0	0	0	0	N/A	Leave location	

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	1836	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	0	494.6	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	



**BJ Services JobMaster Program Version 3.50**  
Job Number: 1001902987  
Customer: Synergy  
Well Name: SRC GCC 10VD





FIELD RECEIPT NO. 1001902987

CUSTOMER: SYNERGY RESOURCES CORP CREDIT APPROVAL NO. PURCHASE ORDER NO. CUSTOMER NUMBER 0040129120 - 0040129120 INVOICE NUMBER

MAIL: STREET OR BOX NUMBER 20203 HWY 60 PO BOX 80651 CITY Platteville STATE Colorado ZIP CODE 80651

INVOICE TO: DATE WORK MO. DAY YEAR BHI REPRESENTATIVE WELL API NO: WELL TYPE: RYAN SULLIVAN 05123345410000 New Well

COMPLETED 04 19 2012 JOB DEPTH (ft) 8.180 WELL CLASS: Gas

DISTRICT BJS, BRIGHTON TD WELL DEPTH (ft) 8.195 GAS USED ON JOB: No Gas

WELL NAME AND NUMBER SRC GCC 10VD LEGAL DESCRIPTION 10-5N-66W COUNTY/PARISH Weld STATE Colorado JOB TYPE CODE: Long String

WELL LOCATION: PRODUCT CODE DESCRIPTION UNIT OF MEASURE QUANTITY LIST PRICE UNIT GROSS AMOUNT % DISC. NET AMOUNT

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement	sacks	100	29.700	2,970.00	58%	1,247.40	
100120	Bentonite	lbs	2684	0.500	1,342.00	58%	563.64	
100121	Silica Flour	lbs	3360	0.530	1,780.80	58%	747.94	
100275	Sodium Metasilicate	lbs	17	3.900	66.30	58%	27.85	
100283	R-3	lbs	26	3.490	90.74	58%	38.11	
100295	Cello Flake	lbs	209	4.850	1,013.65	58%	425.73	
100317	Poz (Fly Ash)	sacks	100	13.200	1,320.00	58%	554.40	
398108	Mud Clean II	gals	840	1.610	1,352.40	58%	568.01	
398224	Premium Lite Cement	sacks	835	24.050	20,081.75	58%	8,434.34	
488015	FL-52	lbs	359	25.600	9,190.40	58%	3,859.97	
488019	FP-6L	gals	9	99.250	893.25	58%	375.17	
499702	ClayCare, Clay Treat-2C, 260 gl tote	gals	6	140.000	840.00	58%	352.80	
SUB-TOTAL FOR Product Material							58.00%	17,195.36

ARRIVE 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.

LOCATION: 04 18 2012 23:21 CUSTOMER REP. Terry Leighton

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS CUSTOMER AUTHORIZED AGENT BHI APPROVED



FIELD RECEIPT NO. 1001902987

CUSTOMER: SYNERGY RESOURCES CORP CREDIT APPROVAL NO. PURCHASE ORDER NO. CUSTOMER NUMBER 0040129120 - 0040129120 INVOICE NUMBER

MAIL: STREET OR BOX NUMBER 20203 HWY 60 PO BOX 80651 CITY: Platteville STATE: Colorado ZIP CODE: 80651

INVOICE TO: DATE WORK COMPLETED: 04 19 2012 BHI REPRESENTATIVE: RYAN SULLIVAN WELL API NO: 05123345410000 WELL TYPE: New Well

DISTRICT: BJS, BRIGHTON JOB DEPTH (ft): 8.180 WELL CLASS: Gas

WELL NAME AND NUMBER: SRC GCC 10VD TD WELL DEPTH (ft): 8.195 GAS USED ON JOB: No Gas

WELL LOCATION: LEGAL DESCRIPTION: 10-5N-66W 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
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	161.500	161.50	0%	161.50
M100	Bulk Materials Service Charge	cu ft	1158	4.170	4,828.86	58%	2,028.12
			SUB-TOTAL FOR Service Charges		4,990.36	56.12%	2,189.62
F069A	Cement Pumping, 8001 - 9000 ft	hrs	1	9,125.000	9,125.00	58%	3,832.50
F090	Fuel per pump charge - cement	pump/hr	4	61.000	244.00	0%	244.00
J050	Cement Head	job	1	635.000	635.00	58%	266.70
J225	Data Acquisition, Cement, Standard	job	1	1,635.000	1,635.00	58%	686.70
J390	Mileage, Heavy Vehicle	miles	72	9.100	655.20	58%	275.18
J391	Mileage, Auto, Pick-Up or Treating Van	miles	72	5.150	370.80	58%	155.74
			SUB-TOTAL FOR Equipment		12,665.00	56.88%	5,460.82
J401	Bulk Delivery, Dry Products	ton-mi	1733	3.030	5,250.99	58%	2,205.42
			SUB-TOTAL FOR Freight/Delivery Charges		5,250.99	58.00%	2,205.42
			FIELD ESTIMATE		63,847.64	57.63%	27,051.22

ARRIVE LOCATION: MO. 04 DAY 18 YEAR 2012 TIME 23:21 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.

CUSTOMER REP. Terry Leighton SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

*[Signature]*  
CUSTOMER AUTHORIZED AGENT

*[Signature]*  
X CUSTOMER AUTHORIZED AGENT BHI APPROVED