

# CEMENT JOB REPORT



<b>CUSTOMER</b> SYNERGY RESOURCES COR		<b>DATE</b> 19-APR-12	<b>F.R. #</b> 1001902987		<b>SERV. SUPV.</b> RYAN SULLIVAN	
<b>LEASE &amp; WELL NAME</b> SRC GCC 10VD - API 05123345410000		<b>LOCATION</b> 10-5N-66W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado		
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> ENSIGN 33		<b>TYPE OF JOB</b> Long String		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
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						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
50:50+.4%FL-52+3%Gel+.1%SMS+20%SF+.15%R3	C04-089-12	200	13.5	1.71	8.30	03:39	60.9	39.42
ClayCare Water	N/A	0	8.34	0	0	00:00	126.9	
PL+.25#/skCF+.4%FL-52+3%Gel	C04-089-12	835	12.5	1.89	10.37	02:20	281.1	206.20
Fresh Water	N/A	0	8.34	0	0	00:00	20	
Mud Clean II	N/A	0	8.34	0	0	00:00	20	
Freshwater	N/A	0	8.34	0	0	00:00	20	
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	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	10	8195	4	4.5	11.6	CSG	8180	8180	N-80	8180	8163	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.	
8.1	8.63	24	CSG	700	700	No packer	0	0	0	4.5	8RD	WATER BASED	9.4	

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	
126.9	BBLS	ClayCare Water	8.34	1817	0	0	0	0	6224	3000	Rig

Circulation Prior to Job			
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"/>	

Displacement And Mud Removal			
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"/> RECIPROCATION <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			

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	



# CEMENT JOB REPORT



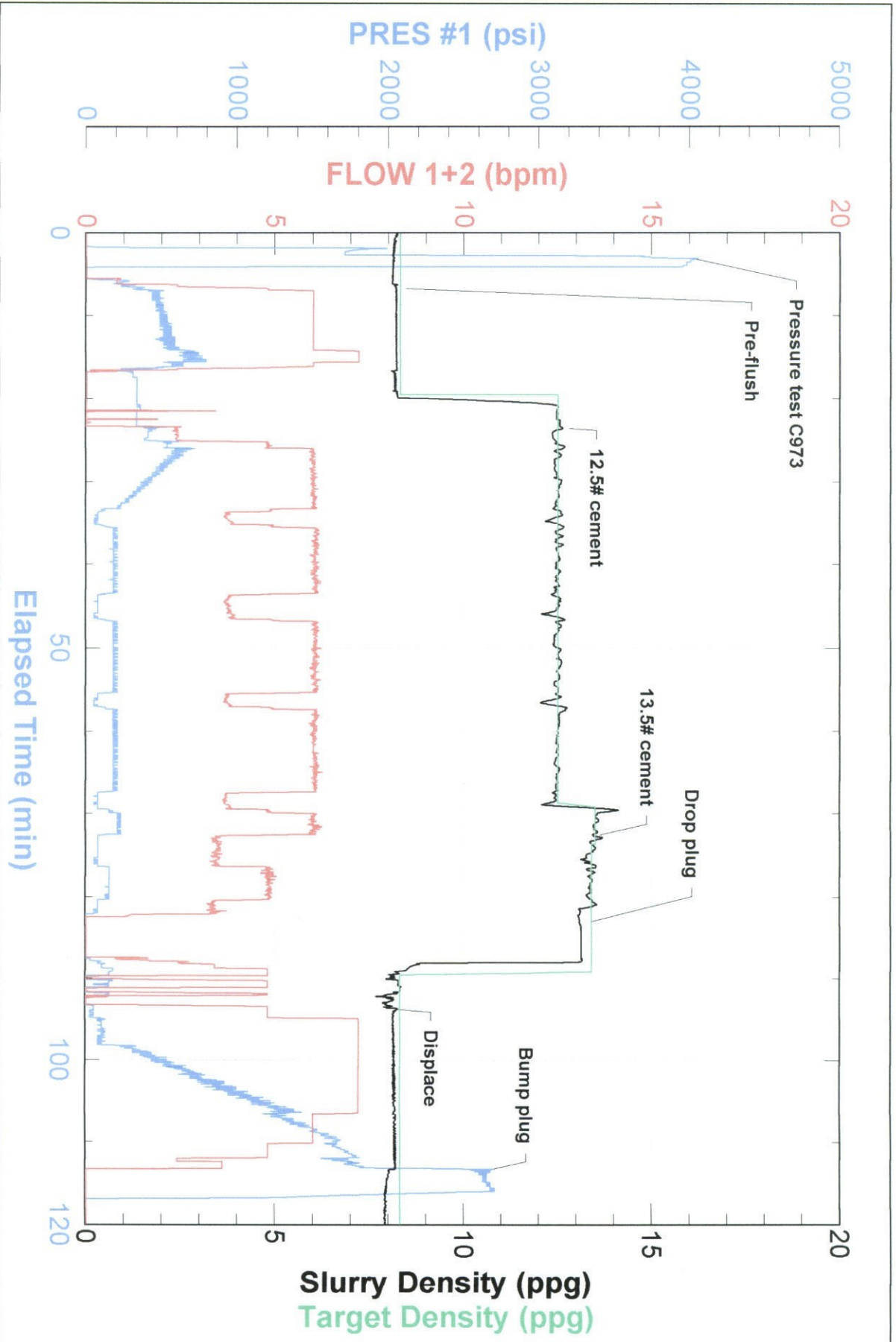
## Shoe Test (Update Original Treatment Report for Primary Job)

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 <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1836	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 494.6	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N	Service Supervisor Signature: 



**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		INVOICE NUMBER					
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE							
INVOICE TO :		20203 HWY 60 PO BOX 80651		Platteville		Colorado		80651							
DATE WORK COMPLETED		MO. 04	DAY 19	YEAR 2012	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE :							
				RYAN SULLIVAN		05123345410000		New Well							
DISTRICT						JOB DEPTH (ft)		WELL CLASS :							
BJS, BRIGHTON						8,180		Gas							
WELL NAME AND NUMBER						TD WELL DEPTH (ft)		GAS USED ON JOB :							
SRC GCC 10VD						8,195		No Gas							
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :							
		10-5N-66W		Weld		Colorado		Long String							
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				6				40,941.29		58.00%		17,195.36	
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.						SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.			
CUSTOMER REP.		Terry Leighton				CUSTOMER AUTHORIZED AGENT						X		CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT						X		BHI APPROVED	

FIELD RECEIPT NO. 1001902987



CUSTOMER		SYNERGY RESOURCES CORP		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO :		20203 HWY 60 PO BOX 80651		Platteville		Colorado		80651			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE :			
04 19 2012		RYAN SULLIVAN			05123345410000		New Well				
DISTRICT		BUS, BRIGHTON			JOB DEPTH (ft)		WELL CLASS :				
WELL NAME AND NUMBER		SRC GCC 10VD			TD WELL DEPTH (ft)		GAS USED ON JOB :				
WELL LOCATION :		LEGAL DESCRIPTION			COUNTY/PARISH		STATE		JOB TYPE CODE :		
10-5N-66W					Weld		Colorado		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	6hrs	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 MO. DAY YEAR TIME  
 LOCATION : 04 18 2012 23:21

CUSTOMER REP. Terry Leighton

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.

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

X

X

BHI APPROVED