

CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR		DATE 06-APR-12		F.R. # 1001899870		SERV. SUPV. RYAN SULLIVAN	
LEASE & WELL NAME SRC GCC 41-10D - API 05123345330000		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	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	/					

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
50:50+.4%FL-52+3%Gel+.1%SMS+20%SF+.15%R3		165	13.5	1.71	8.30	03:48	50.3	32.56
ClayCare Water	n/a	0	8.34	0	0	00:00	125.5	—
PL+.25#/skCF+.4%FL-52+3%Gel		940	12.5	1.89	10.37	03:00	316.4	232.16
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		552.2		264.71

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	10	8114	4	4.5	11.6	CSG	8092	8092	N-80	8092	8076	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	702.5	700	No packer		0	0	0	4.5	8RD	WATER BASED	9.8

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	
125.5	BBLs	ClayCare Water	8.34	1785	0	0	0	0	6224	3000	Rig

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 2 Circulation Rate: 8 BPM
Mud Density In: 9.8 LBS/GAL Mud Density Out: 9.8 LBS/GAL PV & YP Mud In: 16 PV & YP Mud Out: 16
Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 1.2 BBLs
Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: Visually
Cement Returns at Surface: ☐ YES ☒ NO Were Returns Planned at Surface: ☒ NO ☐ YES
Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE
Centralizers: ☐ NO ☒ YES Quantity: 35 Type: ☒ BOW ☐ RIGID
Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:
Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES
Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☒
Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ 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	4719 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
18:55	0	0	0	0	N/A	Arrive on location, 40 miles, rig still running casing	
19:25	0	0	0	0	N/A	Spot pump on location, begin ground rig-up	
22:00	0	0	0	0	N/A	Casers rigged down and off location, spot bulk trucks on location, rig circulating well	
22:30	0	0	0	0	N/A	Pre-job safety meeting	
23:18	1377	0	0	0	WATER	Low pressure test	
23:20	4719	0	0	0	WATER	High pressure test	
23:23	459	0	7.3	20	CLAYCARI	Claycare water	
23:27	586	0	7.3	20	MUD CLEA	Mud clean II	
23:30	688	0	7.3	20	CLAYCARI	Claycare water	
23:41	229	0	7.1	306	CEMENT	Batch-up, weigh, & pump 940 sx of PLC + 0.25 lbs/sk Cello Flake + 0.4% FL-52 + 3% Bentonite @ 12.5 ppg	
00:33	229	0	6.1	49	CEMENT	Mix & pump 165 sx of (50:50) Poz:G + 0.15% R-3 + 0.4% FL-52 + 0.1% SMS + 20% S-8 @ 13.5 ppg	
00:44	0	0	0	0	N/A	Drop plug & wash-up pumps & lines	
00:49	129	0	7.3	19	CLAYCARI	Displace	
00:53	280	0	6	93	CLAYCARI	Caught cement	
01:08	1556	0	3.7	12	CLAYCARI	Rate change	
01:11	1785	0	3.2	1	CLAYCARI	Rate change	
01:12	1887	0	3.2	125	CLAYCARI	Bump plug to 2674 psi, 1.2 bbls bled back, floats held	
01:17	0	0	0	0	N/A	Pre-rig down safety meeting	
02:00	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 checked="" type="checkbox"/> Y <input type="checkbox"/> N	1887	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	540	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

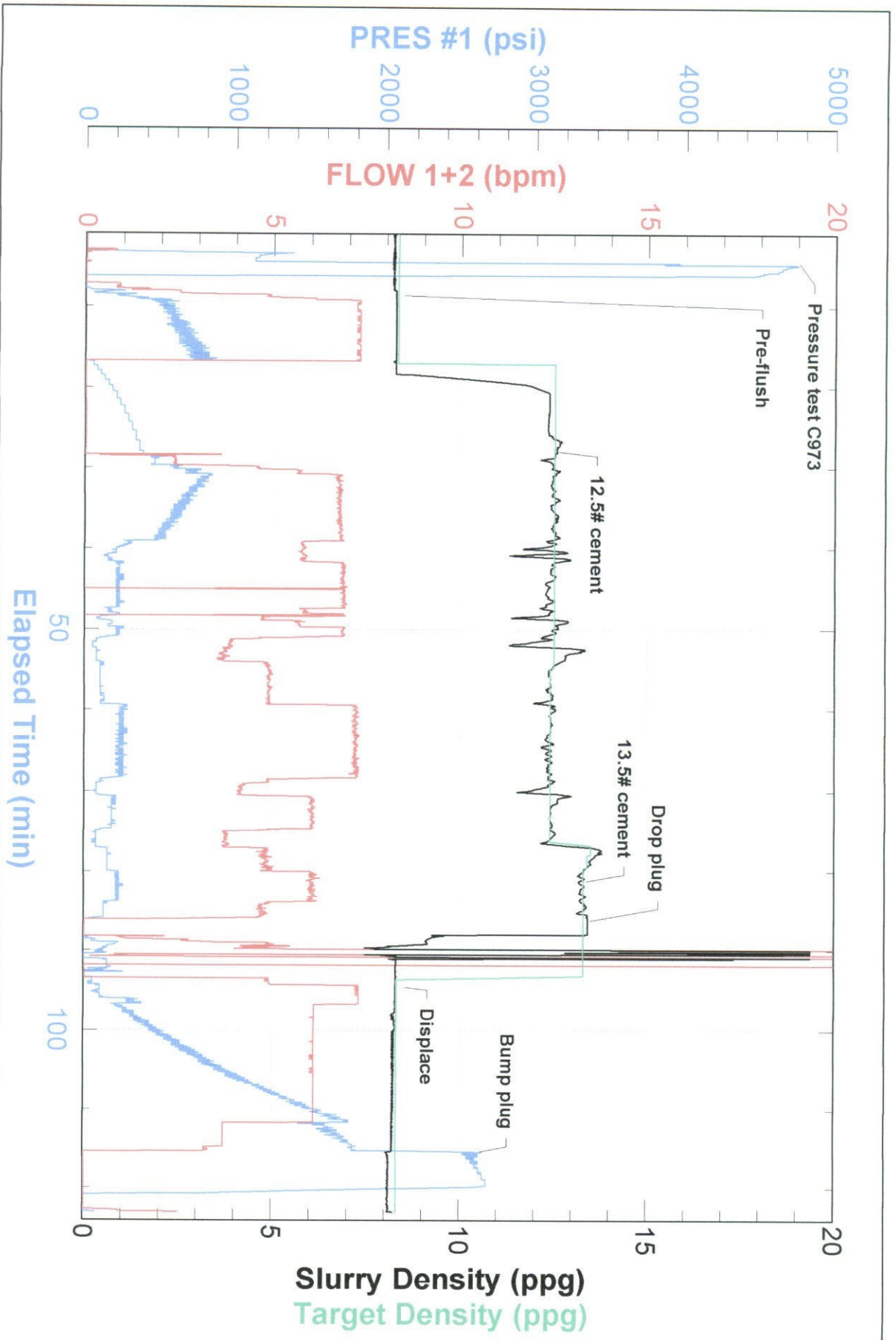


BJ Services JobMaster Program Version 3.50

Job Number: 1001899870

Customer: Synergy

Well Name: SRC GCC #41-10D



FIELD RECEIPT NO. 1001899870



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 06 YEAR 2012		BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :			
		RYAN SULLIVAN				05123345330000		New Well			
DISTRICT		BUS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :		Gas			
				8,092							
WELL NAME AND NUMBER		SRC GCC 41-10D		TD WELL DEPTH (ft)		GAS USED ON JOB :		No Gas			
				8,114							
WELL LOCATION :		LEGAL DESCRIPTION		COUNTRY/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	83	29.700	2,465.10	58%	1,035.34		
100120	Bentonite			lbs	2870	0.500	1,435.00	58%	602.70		
100121	Silica Flour			lbs	2772	0.530	1,469.16	58%	617.05		
100275	Sodium Metasilicate			lbs	14	3.900	54.60	58%	22.93		
100283	R-3			lbs	21	3.490	73.29	58%	30.78		
100295	Cello Flake			lbs	235	4.850	1,139.75	58%	478.70		
100317	Poz (Fly Ash)			sacks	83	13.200	1,095.60	58%	460.15		
398108	Mud Clean II			gals	840	1.610	1,352.40	58%	568.01		
398224	Premium Lite Cement			sacks	940	24.050	22,607.00	58%	9,494.94		
488015	FL-52			lbs	364	25.600	9,830.40	58%	4,128.77		
488019	FP-6L			gals	9	99.250	893.25	58%	375.17		
499632	Granulated Sugar			lbs	50	3.490	174.50	58%	73.29		
499702	ClayCare, Clay Treat-2C, 260 gl tote			gals	6	140.000	840.00	58%	352.80		
SUB-TOTAL FOR Product Material							43,430.05	58.00%	18,240.63		
ARRIVE LOCATION :		MO. 04 DAY 05 YEAR 2012 TIME 18:55		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.		Craig Weitzel		SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							
				BHI APPROVED							

FIELD RECEIPT NO. 1001899870



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 06 2012		RYAN SULLIVAN		05123345330000		New Well					
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		8.092		WELL CLASS :		Gas	
WELL NAME AND NUMBER		SRC GCC 41-10D		TD WELL DEPTH (ft)		8.114		GAS USED ON JOB :		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			
A152	Personnel Per Diem Chrg - Cement Svc		ea	1	161.500	161.50	0%	161.50			
M100	Bulk Materials Service Charge		cu ft	1224	4.170	5,104.08	58%	2,143.71			
				SUB-TOTAL FOR Service Charges		5,265.58	56.22%	2,305.21			
F069A	Cement Pumping, 8001 - 9000 ft		6hrs	1	9,125.000	9,125.00	58%	3,832.50			
F088	Cement Pumping, Additional hrs		hrs	1	750.000	750.00	58%	315.00			
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%	666.70			
J390	Mileage, Heavy Vehicle		miles	80	9.100	728.00	58%	305.76			
J391	Mileage, Auto, Pick-Up or Treating Van		miles	80	5.150	412.00	58%	173.04			
				SUB-TOTAL FOR Equipment		13,529.00	56.95%	5,823.70			
J401	Bulk Delivery, Dry Products		ton-mi	2042	3.030	6,187.26	58%	2,598.65			
				SUB-TOTAL FOR Freight/Delivery Charges		6,187.26	58.00%	2,598.65			
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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT					
						X BHI APPROVED					

FIELD RECEIPT NO. 10018939870



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 06 2012		RYAN SULLIVAN			0512345330000		New Well						
DISTRICT		BJS, BRIGHTON			JOB DEPTH (ft)		WELL CLASS :						
					8,092		Gas						
WELL NAME AND NUMBER		SRC GCC 41-10D			TD WELL DEPTH (ft)		GAS USED ON JOB :						
					8,114		No Gas						
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :					
		10-5N-66W		Weid		Colorado		Long String					
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT			
		FIELD ESTIMATE								68,411.89			
										57.66%			
										28,968.19			
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CUSTOMER REP.		Craig Weitzel						X CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		X CUSTOMER AUTHORIZED AGENT						X BHI APPROVED					