

# CEMENT JOB REPORT



<b>CUSTOMER</b> SYNERGY RESOURCES COR		<b>DATE</b> 04-AUG-12		<b>F.R. #</b> 1001927191		<b>SERV. SUPV.</b> REESE A ANDERSON	
<b>LEASE &amp; WELL NAME</b> COYLE 34ND - API 05123354840000		<b>LOCATION</b> 34-4N-68W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> ENSIGN 233		<b>TYPE OF JOB</b> Long String			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
BJ Cement Plug, Rubber, Top 4-1/2 in	Cement Basket, Slip On, 4-1/2 in						
	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	0	225	13.5	1.71	8.30	03:00	68.5	44.34
ClayCare Water	0	0	8.34	0	0	00:00	126.59	—
PL+.25#/skCF+.4%FL-52+3%Gel	0	695	12.5	1.89	10.37	03:00	234	171.70
Fresh Water	0	0	8.34	0	0	00:00	20	—
Mud Clean II	0	0	8.34	0	0	00:00	20	—
Freshwater	0	0	8.34	0	0	00:00	20	—
Available Mix Water 450 Bbl.		Available Displ. Fluid 450 Bbl.		TOTAL		489.09		216.03

HOLE										TBG-CSG-D.P.										COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE										
7.875	10	7967	4.052	4.5	10.5	CSG	7967	7820	N-80	8116	8086	8100										

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	640	640	NO PACKER		0	0	0	4.5	8 RD	WATER BASED	9.5		

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	BBLS	ClayCare Water	8.34	2500	0	0	0	0	6224	3000	RIG TANK

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1	
Mud Density In: 9.5 LBS/GAL		Mud Density Out: 9.5 LBS/GAL	
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 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	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD		Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID	

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	

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE**



# CEMENT JOB REPORT



## 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

## 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	4778 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
13:30	0	0	0	0	NA	YARD CALL	
16:55	0	0	0	0	NA	LEAVE YARD	
17:36	0	0	0	0	NA	ARRIVE ON LOCATION	
18:26	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP	
19:19	0	0	0	0	NA	SAFETY MEETING	
19:38	4778	0	0	0	H2O	PRESSURE TEST	
19:41	418	0	5.6	20	H2O	FRESH WATER SPACER	
19:45	490	0	5.6	20	H2O	MUD CLEAN II	
19:48	481	0	5.6	20	H2O	FRESH WATER SPACER	
19:54	356	0	6	231	CMT	695 SACKS 12.5 PPG CEMENT	
20:39	208	0	5.8	69	CMT	225 SACKS 13.5 PPG CEMENT	
20:58	0	0	0	0	NA	DROP PLUG/WASH PUMPS AND LINES	
21:04	1312	0	6.5	100	H2O	CLAYCARE DISPLACEMENT	
21:20	1438	0	4.1	10	H2O	RATE CHANGE	
21:25	1675	0	3.1	15	H2O	RATE CHANGE	
21:30	2511	0	3.1	125	H2O	BUMP PLUG	
21:33	0	0	0	0	NA	BLEED OFF/TEST FLOATS	
21:35	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN	

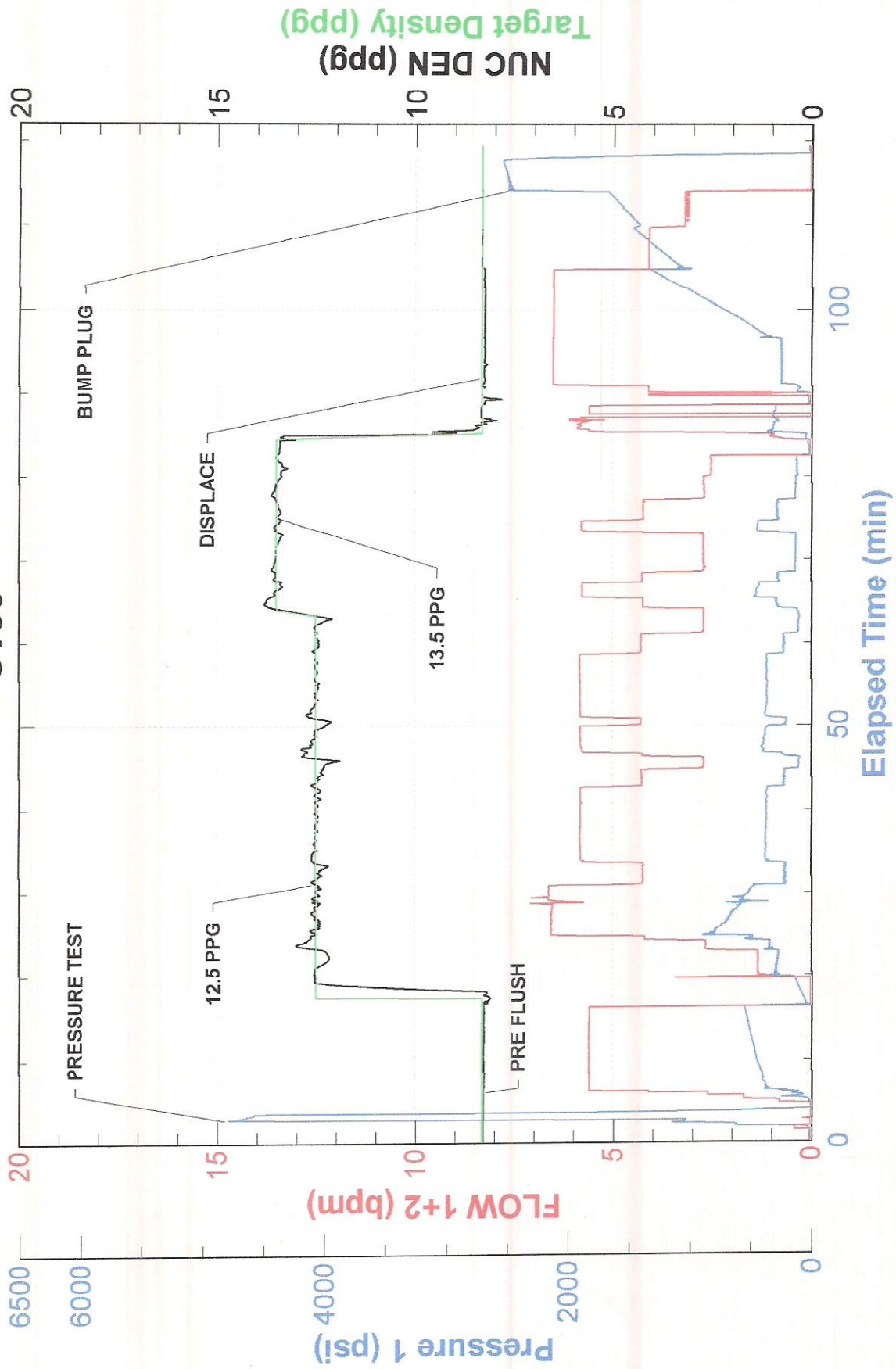
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2511	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	485	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Reese Anderson

X *[Signature]*



BJ Services JobMaster Program Version 3.50  
Job Number: 1001927191  
Customer: SYNERGY  
Well Name: COYLE 34ND

## C156







**FIELD RECEIPT NO. 1001927191**

<b>CUSTOMER</b> SYNERGY RESOURCES CORP				<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 0040129120 - 0040129120		<b>INVOICE NUMBER</b>	
<b>MAIL INVOICE TO :</b> STREET OR BOX NUMBER 20203 HWY 60 PO BOX 80651				<b>CITY</b> Platteville		<b>STATE</b> Colorado		<b>ZIP CODE</b> 80651			
<b>DATE WORK COMPLETED</b> MO. 08 DAY 04 YEAR 2012		<b>BHI REPRESENTATIVE</b> REESE A ANDERSON		<b>WELL API NO.</b> 05123354840000		<b>WELL TYPE :</b> New Well					
<b>DISTRICT</b> BJS, BRIGHTON				<b>JOB DEPTH (ft)</b> 8,116		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> COYLE 34ND				<b>TD WELL DEPTH (ft)</b> 8,141		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 34-4N-68W		<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Long String			
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>			<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>		
100021	Class G Cement			sacks	113	31.800	3,593.40	58%	1,509.23		
100120	Bentonite			lbs	<del>2384</del> 2382	0.530	1,261.93	58%	530.01		
100121	Silica Flour			lbs	3780	0.590	2,230.20	58%	936.68		
100275	Sodium Metasilicate			lbs	<del>40</del> 20	4.100	77.90	58%	32.72		
100283	R-3			lbs	29	3.840	111.36	58%	46.77		
100295	Cello Flake			lbs	174	5.100	887.40	58%	372.71		
100317	Poz (Fly Ash)			sacks	113	14.200	1,604.60	58%	673.93		
398108	Mud Clean II			gals	840	1.700	1,428.00	58%	599.76		
398224	Premium Life Cement			sacks	695	27.650	19,216.75	58%	8,071.04		
488015	FL-52			lbs	<del>310</del> 311	26.900	8,554.20	58%	3,592.76		
488019	FP-6L			gals	8	104.250	834.00	58%	350.28		
499702	ClayCare, Clay Treat-2C, 260 gl tote			gals	6	147.000	882.00	58%	370.44		
<b>SUB-TOTAL FOR Product Material</b>									40,681.74	58.00%	17,086.33
<b>ARRIVE LOCATION :</b> MO. 08 DAY 04 YEAR 2012 TIME 17:36				<b>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.</b> SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER. CUSTOMER REP. <u>CRAIG WEITZEL</u> <input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS <input checked="" type="checkbox"/> BHI APPROVED							





FIELD RECEIPT NO. 1001927191

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 80851			
DATE WORK COMPLETED 08 04 2012		MO. DAY YEAR		BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 05123354840000		WELL TYPE: New Well			
DISTRICT BJS, BRIGHTON						JOB DEPTH (ft) 8,116		WELL CLASS: Gas			
WELL NAME AND NUMBER COYLE 34ND				TD WELL DEPTH (ft) 8,141		GAS USED ON JOB: No Gas					
WELL LOCATION: 34-4N-68W		LEGAL DESCRIPTION 34-4N-68W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE: Long String			
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		% DISC.	
A152 M100		Personnel Per Diem Chrg - Cement Svc Bulk Materials Blending Charge		ea cu ft		1 1040		210.00 5.450		0% 58% 55.93%	
F067A F090 J050 J225 J390 J391		Cement Pumping, 7001 - 8000 ft Fuel per pump charge - cement Cement Head Data Acquisition, Cement, Standard Mileage, Heavy Vehicle Mileage, Auto, Pick-Up or Treating Van		6hrs pump/hr job job miles miles		1 4 1 1 62 62		9,525.00 281.00 830.00 2,130.00 734.70 415.40 13,916.10		58% 0% 58% 58% 58% 58.83%	
J401		Bulk Delivery, Dry Products		ton-mi		1337		3.940		58% 58.00%	
		SUB-TOTAL FOR Freight/Delivery Charges								65,743.62	
		FIELD ESTIMATE								57.57%	
										27,687.10	
ARRIVE LOCATION : 08 04 2012 17:36		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.		SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		X		CUSTOMER AUTHORIZED AGENT	
CUSTOMER REP. CRAIG WEITZEL				X		BHI APPROVED					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT		X					