

# CEMENT JOB REPORT



<b>CUSTOMER</b> SYNERGY RESOURCES COR		<b>DATE</b> 27-SEP-11	<b>F.R. #</b> 1001855769		<b>SERV. SUPV.</b> JOHN R WUDARCZYK			
<b>LEASE &amp; WELL NAME</b> CLETCHER #11-21D - API 05123304660000		<b>LOCATION</b> 21-4N-68W		<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		PHYSICAL SLURRY PROPERTIES					
Latch Down Plug & Assembly, 4-1/2	Float Shoe 4-1/2 - 8rd	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
	Centralizer, with Pins, 4-1/2 in								
<b>MATERIALS FURNISHED BY BJ</b>									
50:50 (POZ:G) + Additives		150	13.5	1.71	8.30	03:00	45	29.16	
Claycare water		0	8.34	0	0	00:00	116.5		
Premium Lite + Additives		425	12.5	1.89	10.37	03:00	143	104.93	
Fresh Water		0	8.34	0	0	00:00	20		
Mud Clean II		0	8.34	0	0	00:00	20		
Freshwater		0	8.34	0	0	00:00	20		
Available Mix Water 400 Bbl. Available Displ. Fluid 400 Bbl.				<b>TOTAL</b>		364.5 134.08			

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
7.875	10	7503	4.5	11.6	CSG	7498	N-80	7498	7495	0

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	687	NO PACKER	0	0	0	4.5	8RND	WATER BASED MU	9.2

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	
116.5	BBLS	Claycare water	8.34	1118	0	0	0	0	6224	3000	RIG

**Circulation Prior to Job**

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 1      Circulation Rate: 7.5 BPM

Mud Density In: 9.2 LBS/GAL      Mud Density Out: 9.2 LBS/GAL      PV & YP Mud In: 10      PV & YP Mud Out: 10

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 BBLS

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL      Method Used to Verify Returns: VISUAL

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

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

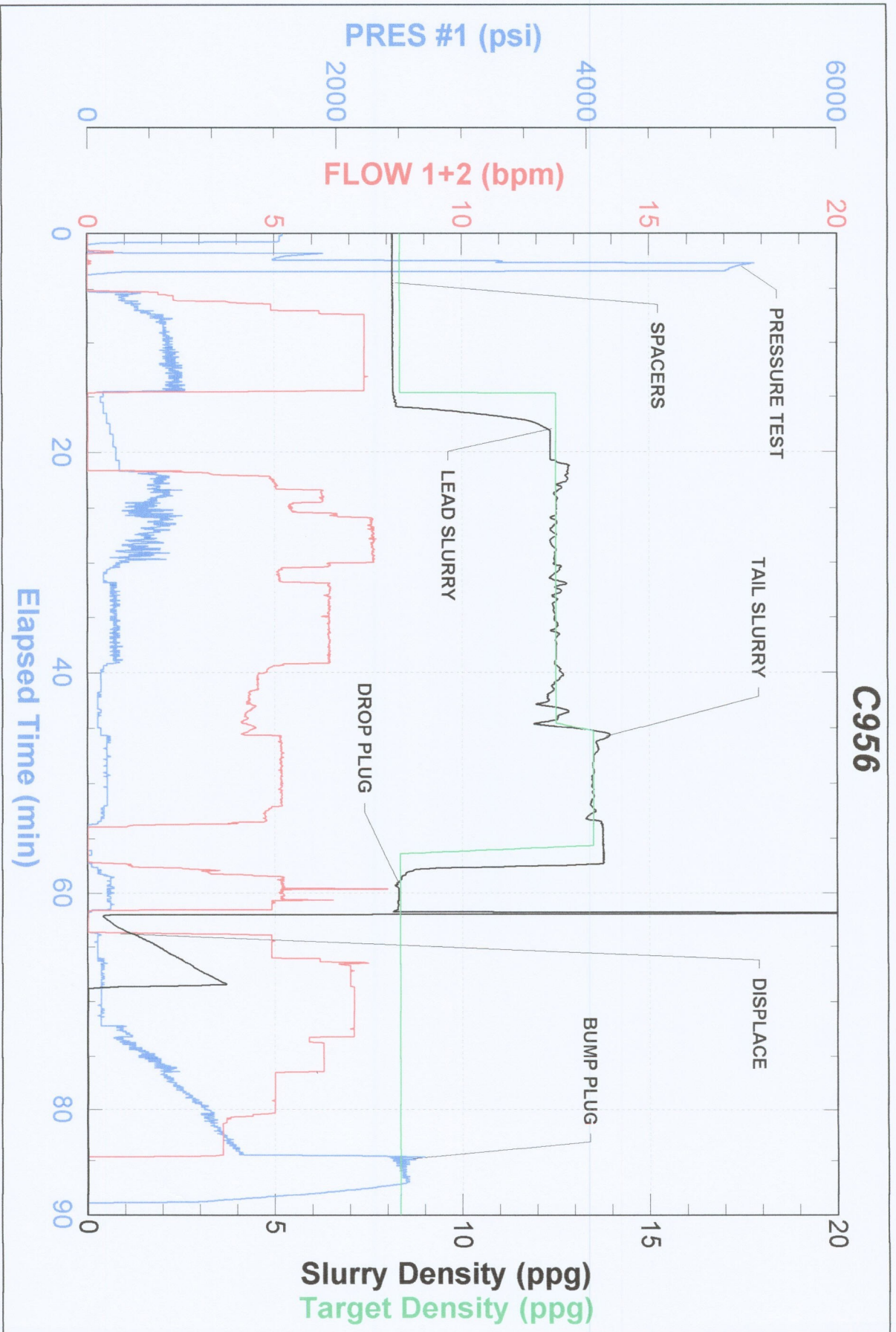
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 NONE

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	5316 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:30	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
00:30	0	0	0	0	0	PRE JOB MEETING	
00:58	1916	0	0	0	H2O	LOW PRESSURE TEST	
00:59	5316	0	0	0	H2O	HIGH PRESSURE TEST	
01:03	530	0	7.4	20	H2O	FRESH WATER	
01:06	631	0	7.4	20	H2O	MUD CLEAN II	
01:09	732	0	7.4	20	H2O	FRESH WATER	
01:19	203	0	6.5	140	LEAD	BATCH UP AND PUMP 425 SKS PLC+.25#/SACK CELLO FLAKE+.4%FL-52+3%BENTONITE@ 12.5#	
01:41	178	0	5.1	43	TAIL	MIX AND PUMP 150 SKS POZ/G+.4%FL- 52+3%BENTONITE+.1%SMS+20%S-8@13.5#	
02:00	0	0	0	0	H2O	DROP PLUG	
02:01	329	0	7	60	H2O	START DISPLACEMENT W/CLAYCARE	
02:10	707	0	6.3	20	H2O	SLOW RATE	
02:13	958	0	5	20	H2O	SLOW RATE	
02:17	1236	0	3.6	16.5	H2O	SLOW RATE	
02:22	2495	0	0	0	H2O	BUMP PLUG @ 116.5 BBLs	
02:25	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 checked="" type="checkbox"/> Y <input type="checkbox"/> N	2495	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	359.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





BJ Services JobMaster Program Version 3.50  
Job Number: 1001855769  
Customer: SYNERGY RESOURCES  
Well Name: CLETCHER #11-21D





FIELD RECEIPT NO. 1001855769

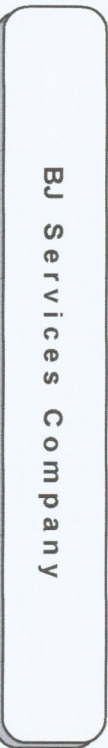
## B J Services Company



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	BJ SERVICES REPRESENTATIVE		WELL API NO:		WELL TYPE :		
09		27	2011		JOHN R WUDARCZYK		05123304680000		New Well		
BJ SERVICES DISTRICT		BUS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :		GAS USED ON JOB :			
WELL NAME AND NUMBER		CLETCHER #11-21D		TD WELL DEPTH (ft)		7,503		No Gas			
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
		21-4N-68W		Weld		Colorado		Long String			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement			sacks	75	27.000	2,025.00	58%	850.50		
100120	Bentonite			lbs	1488	0.470	699.36	58%	293.73		
100121	Silica Flour			lbs	2520	0.500	1,260.00	58%	529.20		
100275	Sodium Metasilicate			lbs	13	3.670	47.71	58%	20.04		
100295	Cello Flake			lbs	107	4.570	488.99	58%	205.38		
100317	Poz (Fly Ash)			sacks	75	12.000	900.00	58%	378.00		
398108	Mud Clean II			gals	840	1.510	1,268.40	58%	532.73		
398224	Premium Lite Cement			sacks	425	21.850	9,286.25	58%	3,900.23		
488015	FL-52			lbs	199	24.100	4,795.90	58%	2,014.28		
488019	FP-6L			gals	3	93.500	280.50	58%	117.81		
499702	ClayCare, tote			gals	5	90.000	450.00	58%	189.00		
SUB-TOTAL FOR Product Material							21,502.11	58.00%	9,030.90		
A152	Personnel Surcharge - Cement Svc			ea	1	152.000	152.00	0%	152.00		
M100	Bulk Materials Service Charge			cu ft	653	3.930	2,566.29	58%	1,077.84		
SUB-TOTAL FOR Service Charges							2,718.29	54.76%	1,229.84		
ARRIVE LOCATION :		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.					
09		26	2011	21:44							
CUSTOMER REP.		KEVIN LOYD				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					
						X BJ SERVICES APPROVED					



FIELD RECEIPT NO. 1001855769



<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</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>INVOICE TO :</b>										
<b>DATE WORK COMPLETED</b> 09 27 2011			<b>BJ SERVICES REPRESENTATIVE</b> JOHN R WUDARCZYK		<b>WELL API NO:</b> 05123304660000		<b>WELL TYPE :</b> New Well			
<b>BJ SERVICES DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH (ft)</b> 7,498		<b>WELL CLASS :</b> Gas			
<b>WELL NAME AND NUMBER</b> CLETCHER #11-21D					<b>TD WELL DEPTH (ft)</b> 7,503		<b>GAS USED ON JOB :</b> No Gas			
<b>WELL LOCATION :</b> 21-4N-68W			<b>LEGAL DESCRIPTION</b> Weid		<b>COUNTY/PARISH</b> Colorado		<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>			
F017A	Cement Pumping, 7001 - 8000 ft	6hrs	1	8,550.00	8,550.00	58%	3,591.00			
F090	Fuel per pump charge - cement	pump/hr	3	57.500	172.50	0%	172.50			
J050	Cement Head	job	1	595.000	595.00	58%	249.90			
J225	Data Acquisition, Cement, Standard	job	1	1,540.000	1,540.00	58%	646.80			
J390	Mileage, Heavy Vehicle	miles	82	8.550	701.10	58%	294.46			
J391	Mileage, Auto, Pick-Up or Treating Van	miles	82	4.830	396.06	58%	166.35			
<b>SUB-TOTAL FOR Equipment</b>					11,954.66	57.16%	5,121.01			
J401	Bulk Delivery, Dry Products	ton-mi	1109	2.850	3,160.65	58%	1,327.47			
<b>SUB-TOTAL FOR Freight/Delivery Charges</b>					3,160.65	58.00%	1,327.47			
<b>FIELD ESTIMATE</b>					39,335.71	57.52%	16,709.22			

**ARRIVE LOCATION :** MO. 09 DAY 26 YEAR 2011 TIME 21:44

**CUSTOMER REP.** KEVIN LOYD

**SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS**

**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 AUTHORIZED AGENT** ☒ **BJ SERVICES APPROVED** ☒