

# CEMENT JOB REPORT



<b>CUSTOMER</b> SYNERGY RESOURCES COR		<b>DATE</b> 07-OCT-11	<b>F.R. #</b> 1001858432	<b>SERV. SUPV.</b> JOHN R WUDARCZYK	
<b>LEASE &amp; WELL NAME</b> SRC HAYTHORN #36CD - API 05123338290000		<b>LOCATION</b> 36-7N-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		PHYSICAL SLURRY PROPERTIES					
Latch Down Plug & Assembly, 4-1/2	Float Shoe 4-1/2 - 8rd	<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
Centralizer, with Pins, 4-1/2 in									
<b>MATERIALS FURNISHED BY BJ</b>									
50:50+.4%FL-52+3%Gel+.1%SMS+20%SF		150	13.5	1.71	8.30	03:00	45	29.16	
ClayCare Water		0	8.34	0	0	00:00	116.3		
PL+.25#/skCF+.4%FL-52+3%Gel		420	12.5	1.89	10.37	03:00	141	103.46	
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>					362.3	132.61	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
7.875	10	7487	4.5	11.6	CSG	7483	N-80	7483	7480	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	9.4

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	
116.3	BBLS	ClayCare Water	8.34	1125	0	0	0	0	6224	3000	RIG

**Circulation Prior to Job**

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 1      Circulation Rate: 7 BPM

Mud Density In: 9.4 LBS/GAL      Mud Density Out: 9.4 LBS/GAL      PV & YP Mud In: 14      PV & YP Mud Out: 14

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

<b>PRESSURE/RATE DETAIL</b>	<b>EXPLANATION</b>
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## 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	4283 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
10:30	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
11:20	0	0	0	0	0	PRE JOB MEETING	
11:43	2016	0	0	0	H2O	LOW PRESSURE TEST	
11:44	4283	0	0	0	H2O	HIGH PRESSURE TEST	
11:48	581	0	7.2	20	H2O	FRESH WATER	
11:51	681	0	7.2	20	H2O	MUD CLEAN II	
11:54	757	0	7.2	20	H2O	FRESH WATER	
11:59	304	0	6.4	140	LEAD	BATCH UP AND PUMP 420 SKS PLC+ 25#/SACK CELLO FLAKE+.4%FL-52+3%BENTONITE! 12.5#	
12:23	228	0	5	45	TAIL	MIX AND PUMP 150 SKS POZ/G+.4%FL-52+3%BENTONITE+.1%SMS+20%S-8@13.5#	
12:45	0	0	0	0	H2O	DROP PLUG	
12:46	606	0	7.2	60	H2O	START DISPLACEMENT	
12:54	732	0	6	20	H2O	SLOW RATE	
12:57	1110	0	4.8	20	H2O	SLOW RATE	
13:02	1314	0	3.3	16	H2O	SLOW RATE	
13:06	2444	0	0	0	H2O	BUMP PLUG @ 116 BBLs	
13:10	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 2444	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 361	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 





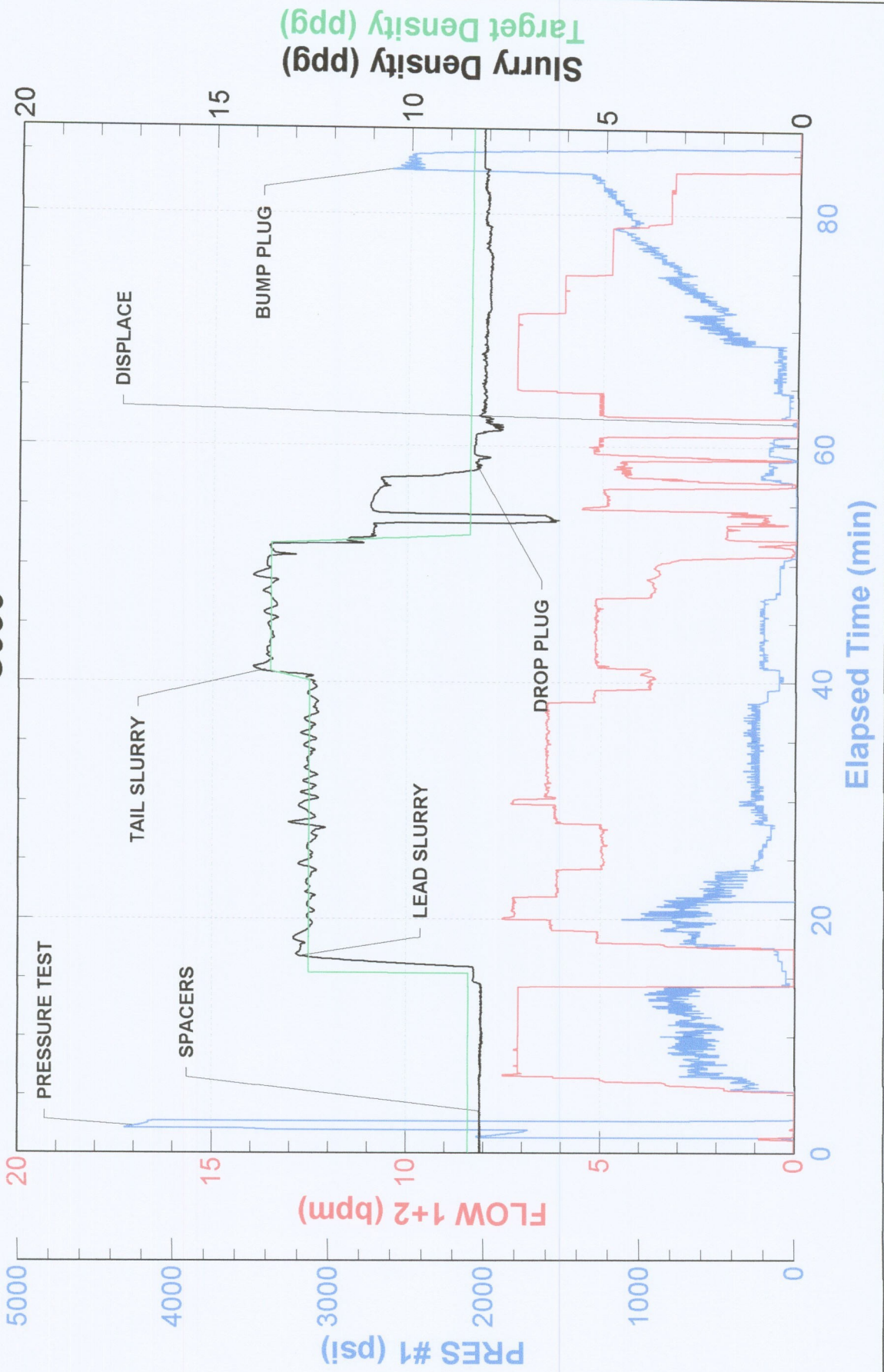
BJ Services JobMaster Program Version 3.50

Job Number: 1001858432

Customer: SYNERGY RESOURCES

Well Name: SRC HAYTHORN #36 CD

## C956





FIELD RECEIPT NO. 1001858432

## BJ Services Company



<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> 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. 10 DAY 07 YEAR 2011		<b>BJ SERVICES REPRESENTATIVE</b> JOHN R WUDARCZYK		<b>WELL API NO:</b> 05123338290000		<b>WELL TYPE :</b> New Well					
<b>BJ SERVICES DISTRICT</b> BRIGHTON				<b>JOB DEPTH (ft)</b> 7,483		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> SRC HAYTHORN #36CD				<b>TD WELL DEPTH (ft)</b> 7,487		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b> 36-7N-66W				<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	75	29.700	2,227.50	58%	935.55		
100120	Bentonite			lbs	1475	0.500	737.50	58%	309.75		
100121	Silica Flour			lbs	2520	0.530	1,335.60	58%	560.95		
100275	Sodium Metasilicate			lbs	13	3.900	50.70	58%	21.29		
100295	Cello Flake			lbs	106	4.850	514.10	58%	215.92		
100317	Poz (Fly Ash)			sacks	75	13.200	990.00	58%	415.80		
398108	Mud Clean II			gals	840	1.610	1,352.40	58%	568.01		
398224	Premium Lite Cement			sacks	420	24.050	10,101.00	58%	4,242.42		
488015	FL-52			lbs	198	25.600	5,068.80	58%	2,128.90		
488019	FP-6L			gals	3	99.250	297.75	58%	125.06		
499702	ClayCare, tote			gals	5	140.000	700.00	58%	294.00		
SUB-TOTAL FOR Product Material							23,375.35	58.00%	9,817.65		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	161.500	161.50	0%	161.50		
M100	Bulk Materials Service Charge			cu ft	647	4.170	2,697.99	58%	1,133.16		
SUB-TOTAL FOR Service Charges							2,859.49	54.72%	1,294.66		
<b>ARRIVE LOCATION :</b> MO. 10 DAY 07 YEAR 2011 TIME 08:29				<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>							
<b>CUSTOMER REP.</b> KEVIN LOYD				<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>							
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>				<b>CUSTOMER AUTHORIZED AGENT</b> X							
				<b>BJ SERVICES APPROVED</b> X							



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F067A	Cement Pumping, 7001 - 8000 ft			6hrs	1	7,925.000	7,925.00	58%	3,328.50		
F090	Fuel per pump charge - cement			pump/hr	3	61.000	183.00	0%	183.00		
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%	886.70		
J390	Mileage, Heavy Vehicle			miles	84	9.100	764.40	58%	321.05		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	84	5.150	432.60	58%	181.69		
	SUB-TOTAL FOR Equipment						11,575.00	57.08%	4,967.64		
J401	Bulk Delivery, Dry Products			ton-mi	1126	3.030	3,411.78	58%	1,432.95		
	SUB-TOTAL FOR Freight/Delivery Charges						3,411.78	58.00%	1,432.95		
	FIELD ESTIMATE						41,221.62	57.52%	17,512.90		
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