

# CEMENT JOB REPORT



<b>CUSTOMER</b> SYNERGY RESOURCES COR		<b>DATE</b> 25-JAN-12		<b>F.R. #</b> 1001883842		<b>SERV. SUPV.</b> RYAN R STEVENS	
<b>LEASE &amp; WELL NAME</b> KLEIN #34-8D - API 05123340530000		<b>LOCATION</b> 8-4N-67W		<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
Cement Plug, Rubber, Top 4-1/2 in	Float Collar, AI Flap, 4-1/2 - 8rd						
	Float Shoe 4-1/2 - 8rd						
	Cement Basket, Slip On, 4-1/2 in						
	Centralizer, with Pins, 4.5 in						

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			210	13.5	1.71	8.30	03:00	76.87	49.81
ClayCare Water			0	8.34	0	0	00:00	122.42	
PL+.25#/skCF+.4%FL-52+3%Gel			690	12.5	1.89	10.37	03:00	232	170.23
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 500 Bbl.		Available Displ. Fluid 500 Bbl.	TOTAL				491.29	220.04	

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	0	7846	4	4.5	11.6	CSG	7834	7834	N-80	7834	7821	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	550	550	No liner		0	0	4.5	8RD	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	
121.6	BBLS	ClayCare Water	8.34	1751	0	0	0	0	6224	3000	Rig Tank

Circulation Prior to Job			
Circulated Well:	Rig <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>	
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:

Displacement And Mud Removal			
Displaced By:	Rig <input type="checkbox"/>	BJ <input checked="" type="checkbox"/>	
Returns During Job:	<input type="checkbox"/> NONE	<input type="checkbox"/> PARTIAL	<input checked="" type="checkbox"/> FULL
Cement Returns at Surface:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
Pipe Movement:	<input type="checkbox"/> ROTATION	<input type="checkbox"/> RECIPROCATION	<input checked="" type="checkbox"/> NONE
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

Plugs			
Number of Attempts by BJ:	0	Competition:	0
Plug Catcher Used:	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES	Quantity:
Was There a Bottom:	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES	

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"/>
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 5072 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
10:30	0	0	0	0	N/A	Yard Call	
14:19	0	0	0	0	N/A	Time arrived on location ( 29 Miles)	
14:30	0	0	0	0	N/A	Spot trucks	
14:39	0	0	0	0	N/A	Pre rig up safety meeting	
15:06	0	0	0	0	N/A	Pre job safety meeting	
15:40	5072	0	0	0	WATER	Pressure test pumps and lines	
15:43	268	0	6	20	WATER	Fresh water spacer	
15:49	342	0	6	20	WATER	Mud clean II	
15:52	428	0	6	20	WATER	Fresh water spacer	
15:54	431	0	5.7	223	CEMENT	Batch up, weigh and pump 690 SXS of PLC + .25 lbs/sack Cello flake + 0.4% fl-52 + 3% Bentonite @ 12.5 PPG	
16:43	193	0	5.7	67	CEMENT	Batch up, weigh and pump 210 SXS of (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% SM + 20% S-8 @ 13.5 PPG	
16:59	0	0	0	0	N/A	Drop plug / wash pumps and lines	
17:09	1432	0	6	100	WATER	Start displacement with fresh water + clay care	
17:25	1425	0	5.3	10	WATER	Drop rate	
17:27	1651	0	3.6	11.5	WATER	Drop rate	
17:29	2532	0	3.6	121.5	WATER	Bump PLug	
17:32	0	0	0	0	N/A	Check floats	
17:33	0	0	0	0	N/A	Pre rig down safety meeting	
18:05	0	0	0	0	N/A	Time off loaction	

BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2532	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 472	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N
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Service Supervisor Signature:



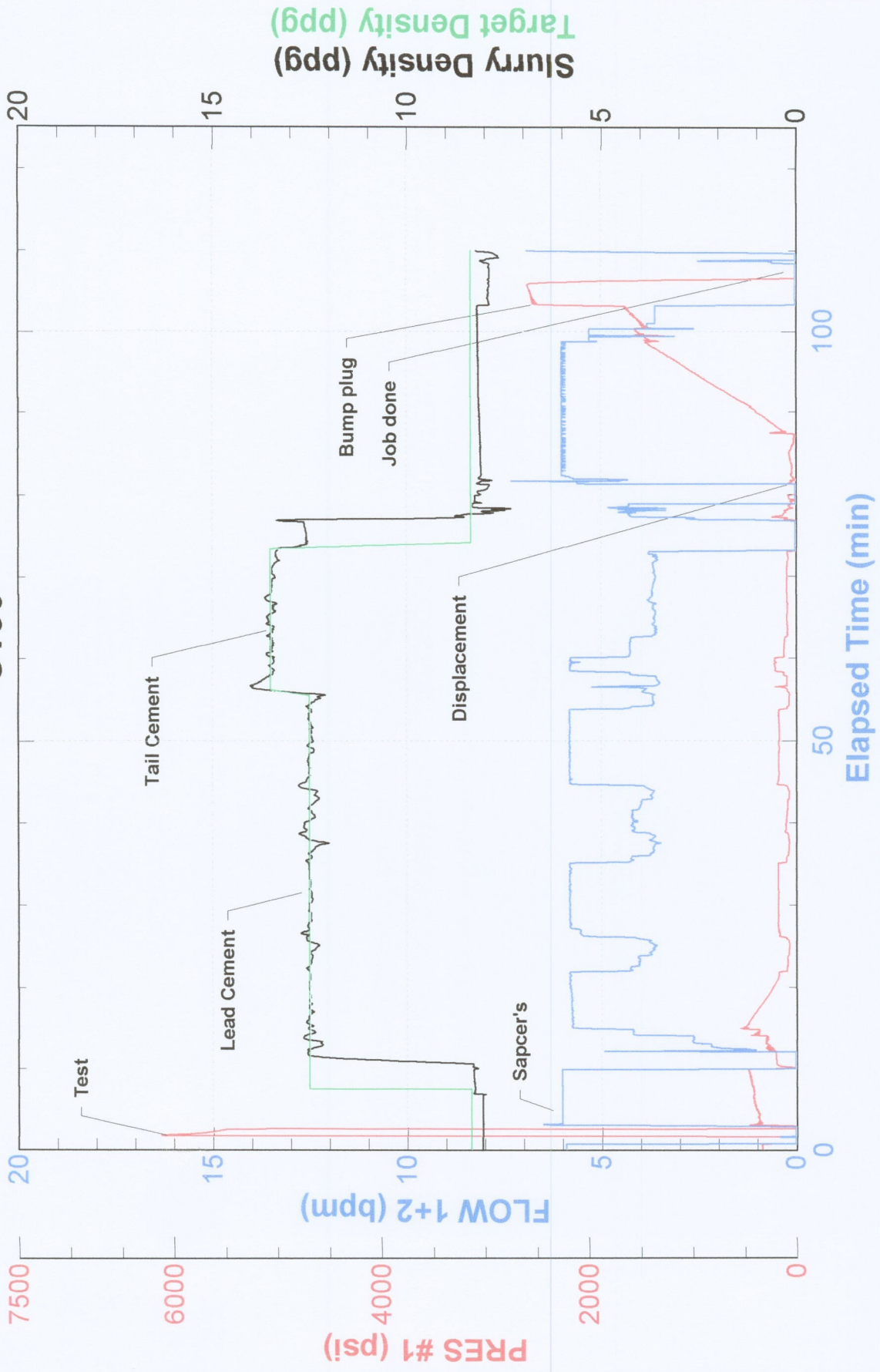
BJ Services JobMaster Program Version 3.50

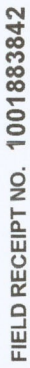
Job Number: 1001883842

Customer: Synergy

Well Name: Klien 34-8D

C156







FIELD RECEIPT NO. 1001883842

CUSTOMER SYNERGY RESOURCES CORP				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040129120 - 0040129120		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 20203 HWY 60 PO BOX 80651				CITY Platteville		STATE Colorado		ZIP CODE 80651			
DATE WORK COMPLETED		MO. 01	DAY 25	YEAR 2012	BHI REPRESENTATIVE RYAN R STEVENS		WELL API NO. 05123340530000		WELL TYPE : New Well		
DISTRICT BRIGHTON					JOB DEPTH (ft) 7,834		WELL CLASS : Gas				
WELL NAME AND NUMBER KLEIN #34-8D					TD WELL DEPTH (ft) 7,834		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 8-4N-67W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
A152 M100	Personnel Per Diem Chrg - Cement Svc Bulk Materials Service Charge				ea cu ft	1 1023	161.500 4.170	161.50 4,265.91 4,427.41	0% 58% 55.88%	161.50 1,791.68 1,953.18	
SUB-TOTAL FOR Service Charges											
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 58 58	7,925.000 61.000 635.000 1,635.000 9.100 5.150	7,925.00 244.00 635.00 1,635.00 527.80 298.70 11,265.50	58% 0% 58% 58% 58% 58% 56.74%	3,328.50 244.00 266.70 686.70 221.68 125.45 4,873.03	
SUB-TOTAL FOR Equipment											
J401	Bulk Delivery, Dry Products				ton-mi	1227	3.030	3,717.81 3,717.81	58% 58.00%	1,561.48 1,561.48	
SUB-TOTAL FOR Freight/Delivery Charges											
FIELD ESTIMATE											
55,815.91											
23,518.89											
ARRIVE LOCATION :					MO. 01	DAY 25	YEAR 2012	TIME 14:19	SERVICE ORDER: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP. Larry Sinder					X					CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					X					BHI APPROVED	