

# CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR		DATE 10-JUL-12	F.R. # 1001921334	SERV. SUPV. COLE W MARRIOTT	
LEASE & WELL NAME MARGIL #34TD - API 05123351590000		LOCATION 34-4N-68W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Ensign 233		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 4-1/2 in	Float Collar, Auto Fill, 4-1/2 - 8rd				
	Float Shoe/Circ Dif 4-1/2 - 8rd				
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES		
			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>
50:50+.4%FL-52+3%Gel+.1%SMS+20%SF+.15%R3		0	195	13.5	1.71
ClayCare Water		0	0	8.34	0
PL+.25#/skCF+.4%FL-52+3%Gel		0	725	12.5	1.89
Fresh Water		0	0	8.34	0
Mud Clean II		0	0	8.34	0
Freshwater		0	0	8.34	0
Available Mix Water 600 Bbl.		Available Displ. Fluid 200 Bbl.	TOTAL		493.45 217.22
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	10	8209	4.052	4.5	10.5
			CSG	8209	7986
			N-80	7997	7980
			STAGE	0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	970	970
		No Packer		0	0
		BTM		0	0
		SIZE		4.5	8RD
		WELL FLUID		WATER BASED	
		WGT.		9.5	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
124	BBLS	ClayCare Water	8.34	1690	0
				0	0
				0	0
				6224	3000
				Rig	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1.5		Circulation Rate: 6 BPM	
Mud Density In: 9.5 LBS/GAL		Mud Density Out: 9.5 LBS/GAL		PV & YP Mud In: 40	
PV & YP Mud Out: 40		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: 1.2 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		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD					
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"/>	
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	
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					



# 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	4050 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:54	0	0	0	0	N/A	Arrive on location 27 miles	
05:20	0	0	0	0	N/A	Spot trucks rig just finished casing	
05:30	0	0	0	0	N/A	Pre rig up safety meeting	
06:00	0	0	0	0	N/A	Pre job safety meeting	
07:00	4050	0	0	0	H2O	Pressure test	
07:04	407	0	6	20	H2O	Fresh water	
07:09	487	0	6	20	H2O	Mud clean II	
07:13	517	0	6	20	H2O	Fresh water	
07:16	221	0	7.2	244	CMT	Batch up weigh and pump 725 sxs of PLC Cement + 0.25% LBS/sack Cello Flake + 0.4% FL-52 + 3% Gel	
07:57	207	0	6.1	60	CMT	Batch up weigh and pump 195 sxs of (50:50) Poz (Fly Ash) : Class G Cement + 0.15% R-3 + 0.4% FL-52 + 3% Gel + 0.1% Sodium Metasilicate + 20% Silica Flour	
08:15	0	0	0	0	N/A	Drop plug/ wash up	
08:18	1153	0	7.2	90	H2O	Displacement	
08:31	1324	0	6	10	H2O	Slow rate	
08:33	1358	0	4.8	15	H2O	Slow rate	
08:36	1447	0	3.2	9	H2O	Slow rate	
08:40	1625	0	3.2	0	H2O	Bump plug	
08:40	2456	0	0	0	H2O	Plug down	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1625	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 488	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 



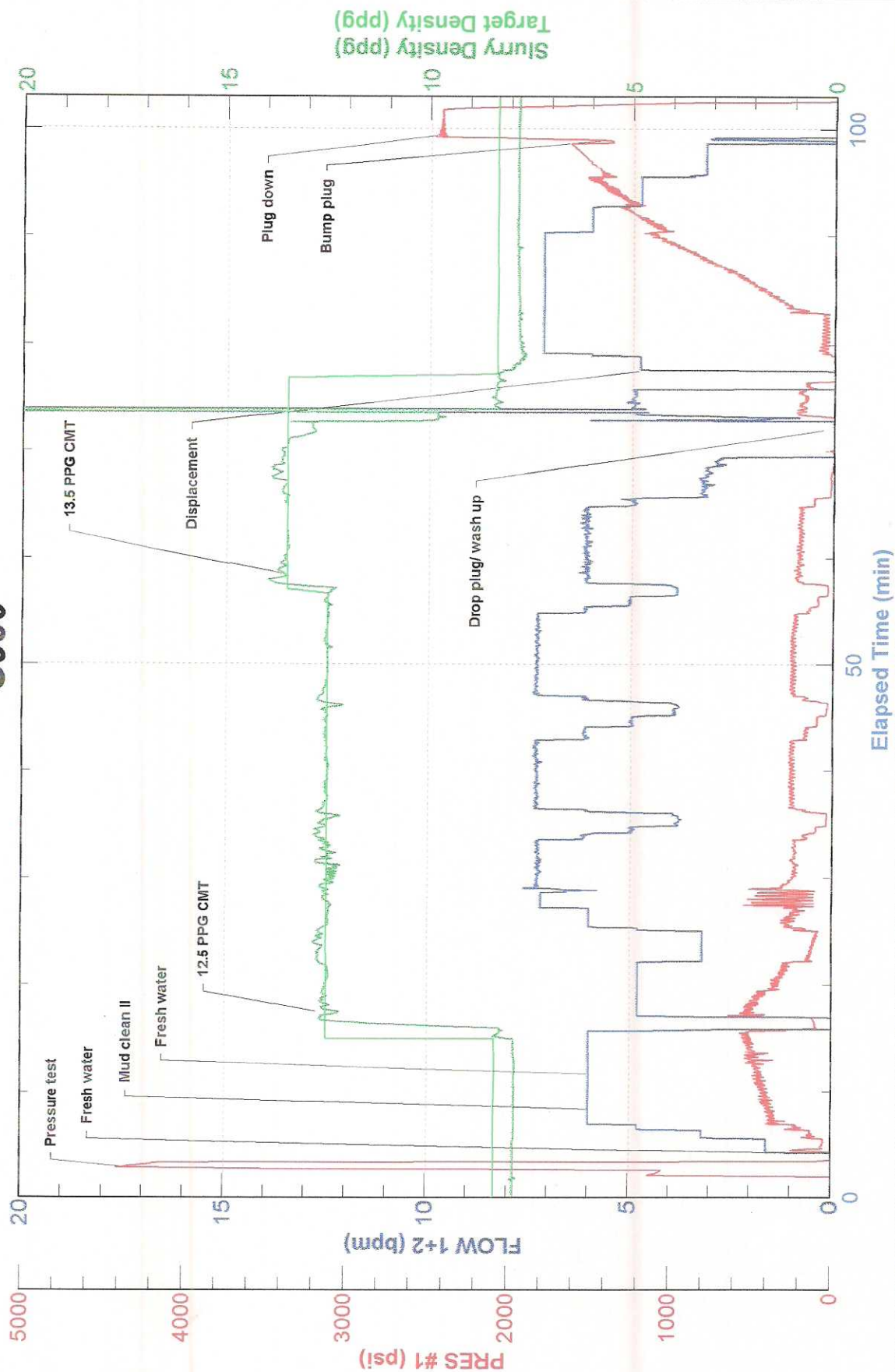
BJ Services JobMaster Program Version 3.50

Job Number: 1001921334

Customer: Synergy

Well Name: Margil 34 td

## C990







FIELD RECEIPT NO. 1001921334

<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. 07 DAY 10 YEAR 2012		<b>BHI REPRESENTATIVE</b> COLE W MARRIOTT		<b>WELL API NO:</b> 05123351590000		<b>WELL TYPE :</b> New Well					
<b>DISTRICT</b> BJS, BRIGHTON				<b>JOB DEPTH (ft)</b> 7.997		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> MARGIL #34TD				<b>TD WELL DEPTH (ft)</b> 8.007		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b> 34-4N-68W		<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Long String					

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement	sacks	98	31.800	3,116.40	58%	1,308.89
100120	Bentonite	lbs	2385	0.530	1,264.05	58%	530.90
100121	Silica Flour	lbs	3276	0.590	1,932.84	58%	811.79
100275	Sodium Metasilicate	lbs	17	4.100	69.70	58%	29.27
100283	R-3	lbs	25	3.840	96.00	58%	40.32
100295	Cello Flake	lbs	182	5.100	928.20	58%	389.84
100317	Poz (Fly Ash)	sacks	98	14.200	1,391.60	58%	584.47
398108	Mud Clean II	gals	840	1.700	1,428.00	58%	599.76
398224	Premium Lite Cement	sacks	725	27.650	20,046.25	58%	8,419.43
488015	FL-52	lbs	319	26.900	8,581.10	58%	3,604.06
488019	FP-6L	gals	8	104.250	834.00	58%	350.28
499702	ClayCare, Clay Treat-2C, 260 g/lote	gals	6	147.000	882.00	58%	370.44
SUB-TOTAL FOR Product Material					40,570.14	58.00%	17,039.45

<b>ARRIVE LOCATION :</b> MO. 07 DAY 10 YEAR 2012 TIME 04:54				<b>SERVICE ORDER:</b> 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>CUSTOMER REP.</b> Craig Weitzel				<b>CUSTOMER AUTHORIZED AGENT</b> X			
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>				<b>BHI APPROVED</b> X <i>Eric Paul</i>			



FIELD RECEIPT NO. 1001921334

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 80651			
DATE WORK COMPLETED		MO. 07	DAY 10	YEAR 2012	WELL APINO: 05123351590000		WELL TYPE: New Well				
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 7,997		WELL CLASS: Gas				
WELL NAME AND NUMBER MARGIL #34TD					TD WELL DEPTH (ft) 8,007		GAS USED ON JOB: No Gas				
WELL LOCATION:		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	GROSS AMOUNT	% DISC.	NET AMOUNT
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	210.00	210.00	0%	210.00
M100	Bulk Materials Blending Charge	cu ft	1033	5.450	5,629.85	58%	2,364.54
	SUB-TOTAL FOR Service Charges						
F069A	Cement Pumping, 8001 - 9000 ft	6hrs	1	10,950.000	10,950.00	58%	4,599.00
F090	Fuel per pump charge - cement	pump/hr	4	70.250	281.00	0%	281.00
J050	Cement Head	job	1	830.000	830.00	58%	348.60
J225	Data Acquisition, Cement, Standard	job	1	2,130.000	2,130.00	58%	894.60
J390	Mileage, Heavy Vehicle	miles	54	11.850	639.90	58%	268.76
J391	Mileage, Auto, Pick-Up or Treating Van	miles	54	6.700	361.80	58%	151.96
	SUB-TOTAL FOR Equipment						
					15,192.70	56.93%	6,543.92
J401	Bulk Delivery, Dry Products	ton-mi	1159	3.940	4,566.46	58%	1,917.91
	SUB-TOTAL FOR Freight/Delivery Charges						
					4,566.46	58.00%	1,917.91
	FIELD ESTIMATE						
					66,169.15	57.57%	28,075.82

ARRIVE LOCATION: MO. 07 DAY 10 YEAR 2012 TIME 04:54

CUSTOMER REP. Craig Weitzel

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

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CUSTOMER AUTHORIZED AGENT

CUSTOMER AUTHORIZED AGENT

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT

BHI APPROVED