

# CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR		DATE 14-JUN-12	F.R. # 1001915506	SERV. SUPV. JOHN R WUDARCZYK		
LEASE & WELL NAME MARGIL 34PD - API 05123351520000		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	HANGER TYPES MD TVD	
Latch Down Plug & Assembly, 4-1/2	Float Shoe 4-1/2 - 8rd					
	Centralizer, with Pins, 4-1/2 in					
PHYSICAL SLURRY PROPERTIES						
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	
50.50+ .4%FL-52+3%Gel+.1%SMS+20%SF+.15%R3		200	13.5	1.71	8.30	
ClayCare Water		0	8.34	0	0 00:00	
PL+.25#/skCF+.4%FL-52+3%Gel		720	12.5	1.69	10.37 03:00	
Clay Care Water		0	8.34	0	0 00:00	
Mud Clean II		0	8.34	0	0 00:00	
Clay Care Water		0	8.34	0	0 00:00	
Available Mix Water 500 Bbl.	Available Displ. Fluid 500 Bbl.	TOTAL		489.2	216.40	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE
7.875	10	8215	4	4.5	11.6	CSG
					8215	8215 N-80
					8203	8186
						0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE
8.1	8.63	24	CSG	993	993	NO PACKER
						0 0 0 4.5 8RND
						WATER BASED 9.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI
127.2	BBLs	ClayCare Water	8.34	1679	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		Circulation Rate: 7 BPM		
Mud Density In: 9.4 LBS/GAL		Mud Density Out: 9.4 LBS/GAL		PV & YP Mud In: 11		PV & YP Mud Out: 11
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"/> RECIPROICATION <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 checked="" 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		
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 checked="" 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 4875 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
13:44	0	0	0	0	0	ARRIVE ON LOCATION ( 27 MILES ) RIG RUNNING CASING
15:00	0	0	0	0	0	SPOT TRUCKS
15:10	0	0	0	0	0	PRE RIG UP SAFETY MEETING
16:00	0	0	0	0	0	PRE JOB MEETING
16:26	4875	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES
16:30	420	0	7.2	20	H2O	CLAY CARE WATER
16:34	469	0	7.2	20	H2O	MUD CLEAN II
16:37	520	0	7.2	20	H2O	CLAY CARE WATER
16:45	552	0	7.2	235	LEAD	BATCH UP AND PUMP 720 SKS PLC+ 25#/SACK CELLO FLAKE+ 4%FL-52+3%BENTONITE@12.5#
17:20	119	0	5	60	TAIL	MIX AND PUMP 200 SKS POZ/G+ 15%R-3+ 4%FL- 52+3%BENTONITE+ 1%SMS+20%S-8@13.5#
17:41	0	0	0	0	H2O	DROP PLUG
17:42	1133	0	6	100	H2O	START DISPLACEMENT W/CLAYCARE
17:59	1407	0	4.8	15	H2O	SLOW RATE
18:02	1649	0	3.5	12.5	H2O	SLOW RATE
18:07	2618	0	0	0	H2O	BUMP PLUG @ 127.5 BBLs
18:10	0	0	0	0	H2O	CHECK FLOATS
18:15	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING

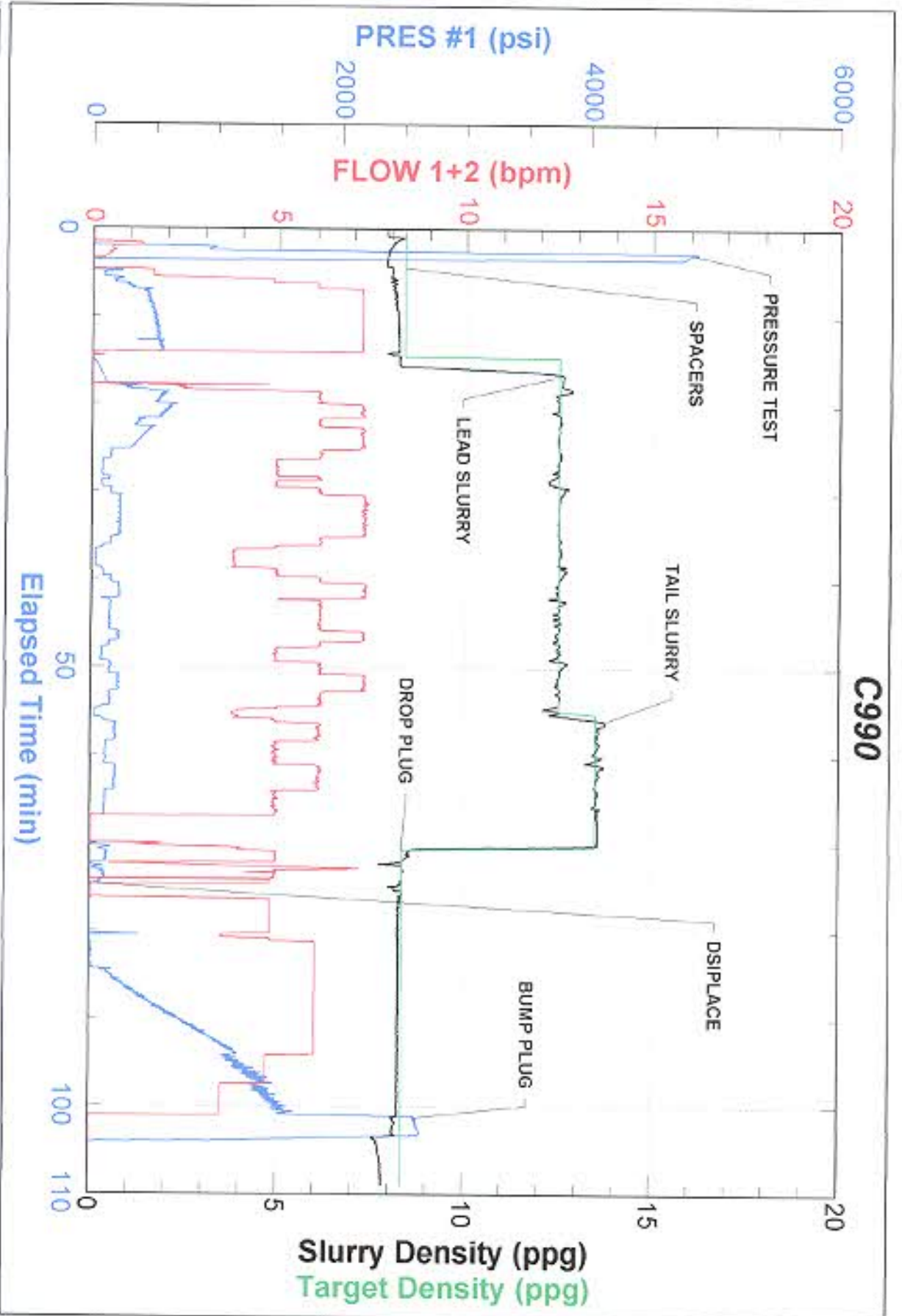
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2618	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	482.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>J. R. W. Dargatz</i>

*Don Patton*





BJ Services JobMaster Program Version 3.50  
Job Number: 1001915506  
Customer: SYNERGY  
Well Name: MARGIL # 34PD





FIELD RECEIPT NO. 1001915506



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		Puebloville		Colorado		80651		
DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :		WELL CLASS :		
08	14	2012		JOHN R WUDARCZYK	05123351520000	New Well		Gas		
DISTRICT		G.S. BRIGHTON		JOB DEPTH (ft)		8.203		WELL DEPTH (ft)		
WELL NAME AND NUMBER		MARGIL 34PD		TD WELL DEPTH (ft)		8.215		GAS USED ON JOB :		
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :		
		34-4N-6BW		Weid		Colorado		Long String		
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT			
100021	Class G Cement	sacks	✓ 100	31.800	3,180.00	58%	1,305.60			
100120	Bentonite	lbs	✓ 2384	0.530	1,263.52	58%	530.68			
100121	Silica Flour	lbs	✓ 3360	0.590	1,982.40	58%	832.61			
100275	Sodium Metasilicate	lbs	✓ 17	4.100	69.70	58%	29.27			
100283	R-3	lbs	✓ 28	3.840	99.84	58%	41.93			
100295	Cello Flake	lbs	✓ 180	5.100	918.00	58%	385.56			
100317	Poz (Fly Ash)	sacks	✓ 100	14.200	1,420.00	58%	586.40			
398108	Mud Clean II	gals	✓ 840	1.700	1,428.00	58%	589.76			
398224	Premium Lite Cement	sacks	✓ 720	27.650	19,908.00	58%	8,381.36			
489015	FL-52	lbs	✓ 319	28.900	8,581.10	58%	3,604.05			
489019	FP-6L	gals	✓ 8	104.250	834.00	58%	350.28			
489702	ClayCare, Clay Treat-2C, 260 gal tote	gals	✓ 6	147.000	882.00	58%	370.44			
SUB-TOTAL FOR Product Material					40,566.56	58.00%	17,037.95			

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.

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

BHI APPROVED

X



FIELD RECEIPT NO. 1001915506



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 00651		Platteville		Colorado		80651		
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :			
06		14	2012	1355	JOHN R WUDARCZYK	05123361520000	New Well			
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :				
WELL NAME AND NUMBER		MARGIL 34PD		TD WELL DEPTH (ft)		GAS USED ON JOB :				
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :		
34-4N-65W		Well		Colorado		Long String				
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT			
A152	Personnel Per Diam Chrg - Cement Svc	ea	1	210.000	210.00	0%	210.00			
M100	Bulk Materials Blending Charge	cu ft	1036	5.450	5,646.20	58%	2,371.40			
			SUB-TOTAL FOR Service Charges		5,856.20	55.92%	2,591.40			
F068A	Cement Pumping, 8001 - 9000 ft	Blvs	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	56%	268.76			
J391	Mileage, Auto, Pick-Up or Trealing Van	miles	54	6.700	361.80	56%	151.96			
			SUB-TOTAL FOR Equipment		15,192.70	56.93%	8,543.92			
J401	Bulk Delivery, Dry Products	ton-mi	1190	3.840	4,570.40	59%	1,919.57			
			SUB-TOTAL FOR Freight/Delivery Charges		4,570.40	58.00%	1,919.57			
			FIELD ESTIMATE		66,185.86	57.57%	28,082.84			
ARRIVE LOCATION :		MO.	DAY	YEAR	TIME					
06		14	2012	1355						
CUSTOMER REP.		DON PATTON								
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		Don Patton		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		X		SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.						
X		Don Patton		CUSTOMER AUTHORIZED AGENT						
X		BHI APPROVED		X						