

# CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR		DATE 06-JUN-12	F.R. # 1001813846	SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME MARGIL 34-34D - API 05123351670000		LOCATION 34-4N-66W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 233		TYPE OF JOB Long String	

SIZE & TYPE OF PLUGS	LIST-CSI-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Latch Down Plug & Assembly, 4-1/2	Float Collar, Auto Fill, 4-1/2 - 8rd						
	Float Shoe 4-1/2 - 8rd						
	Centralizer, with Pins, 4-1/2 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+.15%R3	0		155	13.5	1.71	8.30	03:00	47.2	30.55
ClayCare Water	0		0	8.34	0	0	00:00	121.1	
PL+.25#/skCF+.4%FL-52+3%Gel	0		720	12.5	1.89	10.37	03:00	242.36	177.83
Fresh Water	0		0	8.34	0	0	00:00	20	
Mud Clean II	0		0	8.34	0	0	00:00	20	
Freshwater	0		0	8.34	0	0	00:00	20	
Available Mix Water	500	Bbl.	Available Displ. Fluid	200	Bbl.	TOTAL		470.66	208.38

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	10	7833	4	4.5	11.6	CSG	7810	7810	N-80	7810	7794	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	796	796	No packer	0	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	
120	BBLS	ClayCare Water	8.34	1571	0	0	0	0	6224	3000	Rig tank

Circulation Prior to Job			
Circulated Well:	Rig	<input checked="" type="checkbox"/> BJ	
Circulation Time:	1		
Circulation Rate:	7 BPM		
Mud Density In:	9.5 LBS/GAL	Mud Density Out:	9.5 LBS/GAL
PV & YP Mud In:	0	PV & YP Mud Out:	0
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"/>
Returns During Job:	<input type="checkbox"/> NONE	<input type="checkbox"/> PARTIAL	<input checked="" type="checkbox"/> FULL
Amount Bled Back After Job:	1 BBLS		
Cement Returns at Surface:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
Method Used to Verify Returns:	Visually		
Pipe Movement:	<input type="checkbox"/> ROTATION	<input type="checkbox"/> RECIPROCATION	<input checked="" type="checkbox"/> NONE
Were Returns Planned at Surface:	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES	
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	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"/>	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		

# 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

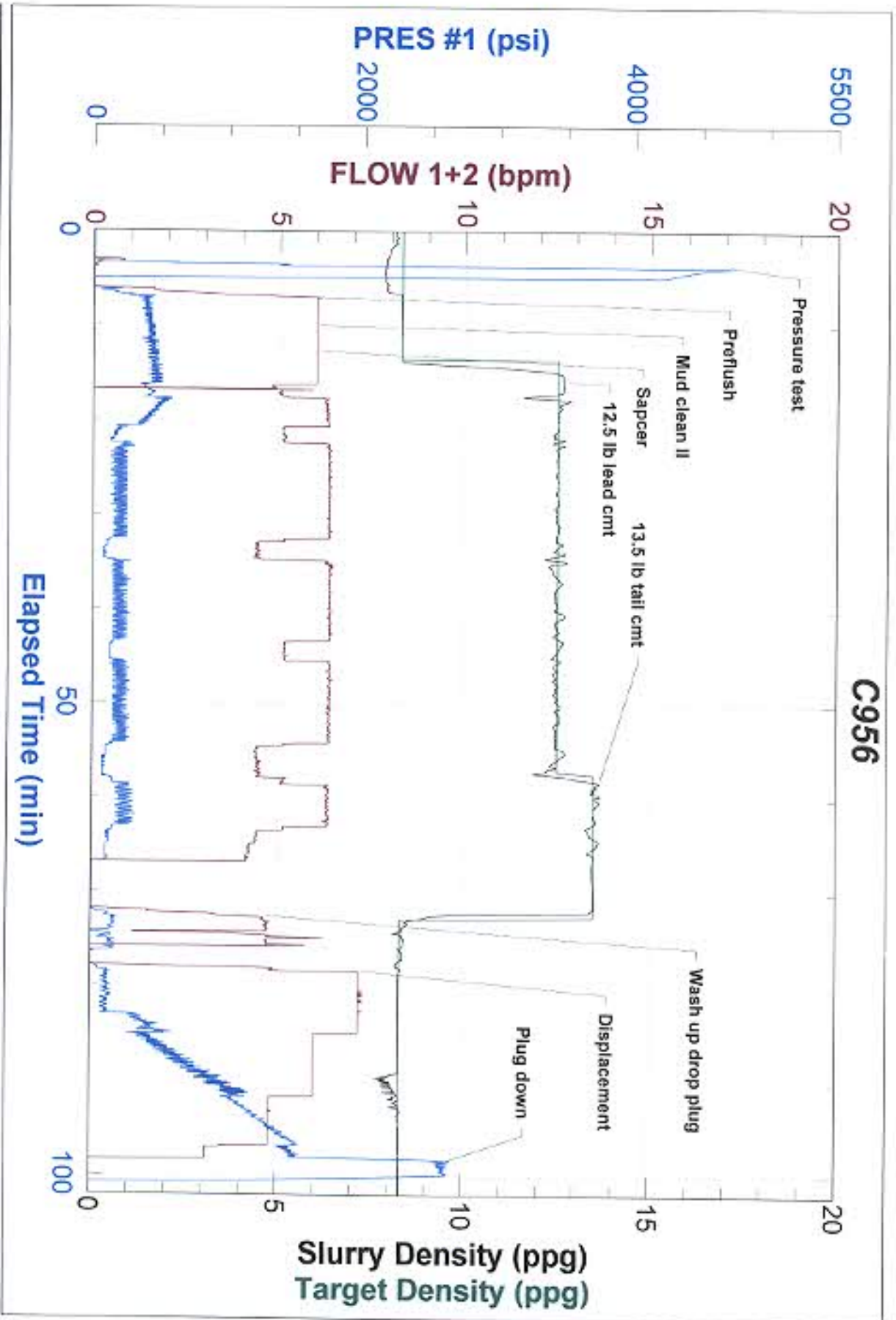
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW	CO. REP.
	PIPE	ANNULUS				X	X
						TEST LINES	4713 PSI
						CIRCULATING WELL - RIG	X BJ
15:45	0	0	0	0	N/A	Yard call	
19:10	0	0	0	0	N/A	Leave yard	
19:50	0	0	0	0	N/A	Arrive on location 26 miles rig running casing	
20:50	0	0	0	0	N/A	Spot trucks	
21:05	0	0	0	0	N/A	Pre rig up safety meeting	
22:00	0	0	0	0	N/A	Pre job safety meeting	
22:25	4713	0	0	0	H2O	Pressure test pumps and lines	
22:28	400	0	6	20	H2O	Preflush	
22:32	376	0	6	20	MUDCLEA	Mud clean II	
22:35	476	0	6	20	H2O	Sapcer	
22:39	501	0	6	243	CMT	Batch up and pump 720 sks of PLC + 0.25% R-3 + 0.4% FL-52 + 3% Bentonite 12.5 ppg 1.89 yield 10.37 gps	
23:19	276	0	6	47	CMT	Batch up and pump 155 sks of (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% 13.5 ppg 1.71 yield 8.30 gps	
23:30	0	0	0	0	H2O	Wash up drop plug	
23:40	525	0	7.2	50	CLAYCAR	Displacement	
23:47	1224	0	6	40	CLAYCAR	Rate change	
23:54	1499	0	4.8	25	CLAYCAR	Rate change	
23:59	1523	0	3	5	CLAYCAR	Rate change	
00:00	1747	0	3	120	CLAYCAR	Bump plug	
00:00	2645	0	0	0	N/A	Plug down @ 120 bbl/s	
00:02	0	0	0	0	N/A	Check floats	
00:03	0	0	0	0	N/A	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:
Y N	2645	Y N	0	470	0	Y N	





BJ Services JobMaster Program Version 3.50  
Job Number: 1001913846  
Customer: Synergy  
Well Name: Margil 34-34D



FIELD RECEIPT NO. 1001913846



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	BH REPRESENTATIVE	WELL API NO:	WELL TYPE:			
08		06	2012	AARON M MCWILLIAMS	05123351670000	New Well				
DISTRICT		JUS. BRIGHTON		JOB DEPTH(ft)		WELL CLASS:				
				7.794		Gas				
WELL NAME AND NUMBER		MARGIL 34-34D		TD WELL DEPTH(ft)		GAS USED ON JOB:				
				7.833		No Gas				
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:		
		34-4N-68W		Weid		Colorado		Long String		
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT			
100021	Class G Cement	sacks	78	31.800	2,480.40	58%	1,041.77			
100120	Bentonite	lbs	2271	0.530	1,203.63	58%	505.52			
100121	Silica Flour	lbs	2604	0.590	1,536.36	58%	645.27			
100275	Sodium Metasilicate	lbs	13	4.100	53.30	58%	22.39			
100283	R-3	lbs	20	3.840	76.80	58%	32.26			
100295	Cello Flake	lbs	180	5.100	918.00	58%	385.55			
100317	Poz (Fly Ash)	sacks	78	14.200	1,107.60	58%	465.19			
388108	Mud Clean II	gals	840	1.700	1,428.00	58%	599.76			
388224	Premium Lite Cement	sacks	720	27.650	19,908.00	58%	8,361.36			
488015	FL-52	lbs	304	26.900	8,177.60	58%	3,434.59			
488019	FP-6L	gals	7	104.250	729.75	58%	305.50			
488702	ClayCafe, Clay Treat-2C, 260 g/l to	gals	6	147.000	882.00	58%	370.44			
SUB-TOTAL FOR Product Material				38,501.44		58.00%	16,170.61			

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.

CUSTOMER AUTHORIZED AGENT

BH APPROVED

FIELD RECEIPT NO. 1001913846



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 80851		Platteville		Colorado		80851			
DATE WORK COMPLETED		MO.	DAY	YEAR	BH REPRESENTATIVE	WELL API NO:	WELL TYPE:				
06		06	2012	19:50	AARON M MCWILLIAMS	05123351670000	New Well				
DISTRICT		B.S. BRIGHTON		JOB DEPTH (ft)		WELL CLASS:					
WELL NAME AND NUMBER		MARGIL 34-34D		TD WELL DEPTH (ft)		GAS USED ON JOB:					
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:			
34-4N-65W		Weld		Colorado		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	210.000	210.00	0%	210.00				
M100	Bulk Materials Blending Charge	cu ft	976	5.450	5,319.20	58%	2,234.08				
	SUB-TOTAL FOR Service Charges				5,529.20	55.80%	2,444.06				
F067A	Cement Pumping, 7001 - 8000 ft	6hrs	1	9,525.000	9,525.00	58%	4,000.50				
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				
J360	Mileage, Heavy Vehicle	miles	52	11.850	616.20	58%	258.80				
J391	Mileage, Auto, Pick-Up or Towing Van	miles	52	6.700	348.40	58%	146.33				
	SUB-TOTAL FOR Equipment				13,730.60	58.81%	5,929.83				
J401	Bulk Delivery, Dry Products	ton-mi	1056	3.940	4,160.64	59%	1,747.47				
	SUB-TOTAL FOR Freight/Delivery Charges				4,160.64	58.00%	1,747.47				
	FIELD ESTIMATE				61,921.88	57.54%	26,291.97				
ARRIVE LOCATION:		MO.	DAY	YEAR	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.						
06		06	2012	19:50							
CUSTOMER REP.		Craig Wietzel		BHI APPROVED		CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		X		X		X					