

# CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR			DATE 08-DEC-11		F.R. # 656610019		SERV. SUPV. RYAN R STEVENS								
LEASE & WELL NAME MARGIL #13-34D - API 05123341180000			LOCATION 34-4N-68W			COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton			DRILLING CONTRACTOR RIG # ENSIGN 33			TYPE OF JOB 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			—		—	—	—		—	—			
—		Centralizer, with Pins, 4-1/2 in			—		—	—	—		—	—			
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sub>3</sub>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
50:50+ .4%FL-52+3%Gel+ .1%SMS+20%SF				—		265	13.5	1.71	8.30	03:00	80.7	52.29			
ClayCare Water				—		0	8.34	0	0	00:00	125.83	—			
PL+.25#/skCF+.4%FL-52+3%Gel				—		750	12.5	1.89	10.37	03:00	252.45	185.23			
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		800		Bbl.		Available Displ. Fluid		400		Bbl.		TOTAL	518.98 237.52		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
7.875	0	8125	4	4.5	11.6	CSG	8113	8113	N-80	8113	8096		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	650	650	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				
127.5	BBSL	ClayCare Water		8.34	1759	0	0	0	0	6224	3500	Rig Tank			
<b>Circulation Prior to Job</b>															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 6 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"/>							
<b>Displacement And Mud Removal</b>															
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1.5 BBSL											
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															
<b>Plugs</b>															
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							
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>															
BLOCK SQUEEZE <input type="checkbox"/>				SHOE SQUEEZE <input type="checkbox"/>				TOP OF LINER SQUEEZE <input type="checkbox"/>				PLANNED <input type="checkbox"/> UNPLANNED <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			
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>															
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		

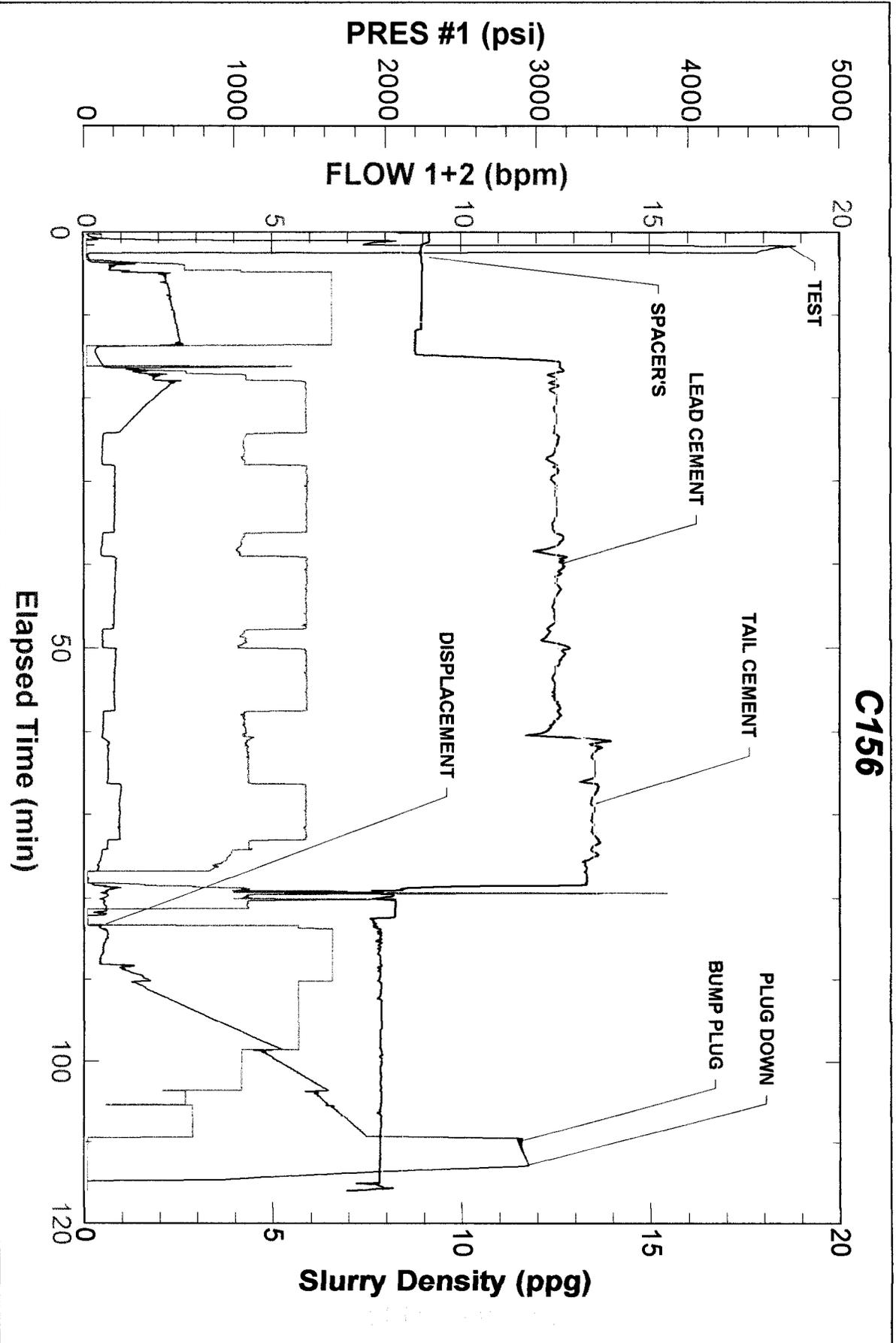
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

PRESSURE/RATE DETAIL						EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES 4737 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>	
22:00	0	0	0	0	N/A	YARD CALL		
03:00	0	0	0	0	N/A	TIME ARRIVED ON LOCATION ( 30 MILES )		
05:40	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING		
06:30	0	0	0	0	N/A	PRE JOB SAFETY MEETING		
07:05	4737	0	0	0	WATER	PRESSURE TEST PUMPS AND LINES		
07:11	541	0	6.5	20	WATER	FRESH WATER SPACER		
07:13	552	0	6.5	20	WATER	MUD CLEAN II SPACER		
07:16	587	0	6.5	20	WATER	FRESH WATER SPACER		
07:22	335	0	5.8	240	CEMENT	BATCH UP, WEIGH AND PUMP 750 SXS OF PLC + .25 lbs/sack Cello flake + 0.4% fl-52 + 3% Bentonite @ 12.5 PPG		
08:06	224	0	5.8	76	CEMENT	BATCH UP, WEIGH AND PUMP (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% SM + 20% S-8 @ 13.5 PPG		
08:22	0	0	0	0	N/A	DROP PLUG/ WASH PUMPS AND LINES		
08:29	408	0	6.5	40	WATER	START DISPLACEMENT WITH CLAY CARE WATER		
08:36	1113	0	5.6	50	WATER	DROP RATE		
08:44	1553	0	4.1	20	WATER	DROP RATE		
08:50	1844	0	2.8	16	WATER	DROP RATE		
08:56	2862	0	2.8	126	WATER	BUMP PLUG		
09:00	0	0	0	0	WATER	CHECK FLOATS		
09:01	0	0	0	0	N/A	PRE RIG DOWN SAFETY MEETING		
09:40	0	0	0	0	N/A	TIME OFF LOCATION		

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	2862	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	502	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



**BJ Services JobMaster Program Version 3.50**  
Job Number: 656610019  
Customer: Synergy  
Well Name: MargII 13-34D



FIELD RECEIPT NO. 656610019



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 :			
12 08 2011	12	08	2011	RYAN R STEVENS	05123341180000	New Well			
DISTRICT	BRIGHTON		JOB DEPTH (ft)	8,113	WELL CLASS :	Gas			
WELL NAME AND NUMBER	MARGIL #13-34D		TD WELL DEPTH (ft)	8,125	GAS USED ON JOB :	No Gas			
WELL LOCATION :	LEGAL DESCRIPTION	COUNTY/PARISH	STATE	JOB TYPE CODE :					
34-4N-68W	Weld	Colorado	Long String						
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement	sacks	133	29.700	3,950.10	58%	1,659.04		
100112	Calcium Chloride	lbs	150	1.220	183.00	100%	0.00		
100120	Bentonite	lbs	2626	0.500	1,313.00	58%	551.46		
100121	Silica Flour	lbs	4452	0.530	2,359.56	58%	991.02		
100275	Sodium Metasilicate	lbs	23	3.900	89.70	58%	37.67		
100295	Cello Flake	lbs	188	4.850	911.80	58%	382.96		
100317	Poz (Fly Ash)	sacks	133	13.200	1,755.60	58%	737.35		
100404	Sodium Chloride	lbs	100	0.490	49.00	100%	0.00		
398108	Mud Clean II	gals	840	1.610	1,352.40	58%	568.01		
398224	Premium Lite Cement	sacks	750	24.050	18,037.50	58%	7,575.75		
488015	FL-52	lbs	351	25.600	8,985.60	58%	3,773.95		
488019	FP-6L	gals	9	99.250	893.25	58%	375.17		
489702	ClayCare. tote	gals	6	140.000	840.00	58%	352.80		
SUB-TOTAL FOR Product Material			6		40,720.51	58.24%	17,005.18		
ARRIVE LOCATION :		MO.	DAY	YEAR	TIME	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.			
12 08 2011		12	08	2011	03:00				
CUSTOMER REP. : Craig Hope		SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		CUSTOMER AUTHORIZED AGENT		X		BHI APPROVED			

FIELD RECEIPT NO. 656610019



CUSTOMER		SYNERGY RESOURCES CORP		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
STREET OR BOX NUMBER		20203 HWY 60 PO BOX 80651		CITY		Platteville		STATE		ZIP CODE	
DATE WORK COMPLETED		MO. 12 DAY 08 YEAR 2011		BHI REPRESENTATIVE		RYAN R STEVENS		WELL API NO:		05123341180000	
DISTRICT		BRIGHTON		JOB DEPTH (ft)		8,113		WELL CLASS:		Gas	
WELL NAME AND NUMBER		MARGIL #13-34D		TD WELL DEPTH (ft)		8,125		GAS USED ON JOB:		No Gas	
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:		Long String	
34-4N-68W		Weld		Colorado							
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT				
A1S2	Personnel Per Diem Chrg - Cement Svc	ea	1	161.500	161.50	0%	161.50				
M100	Bulk Materials Service Charge	cu ft	1155	4.170	4,816.35	58%	2,022.87				
			SUB-TOTAL FOR Service Charges			56.12%	2,184.37				
F069A	Cement Pumping, 8001 - 9000 ft	hrs	1	9,125.000	9,125.00	58%	3,832.50				
F090	Fuel per pump charge - cement	pump/hr	4	61.000	244.00	0%	244.00				
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%	686.70				
J390	Mileage, Heavy Vehicle	miles	60	9.100	546.00	58%	229.32				
J391	Mileage, Auto, Pick-Up or Treating Van	miles	60	5.150	309.00	59%	129.78				
			SUB-TOTAL FOR Equipment			56.87%	5,389.00				
J401	Bulk Delivery, Dry Products	ton-mi	1434	3.030	4,345.02	58%	1,824.91				
			SUB-TOTAL FOR Freight/Delivery Charges			58.00%	1,824.91				
			FIELD ESTIMATE			57.78%	26,403.46				

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.

ARRIVE LOCATION : MO. 12 DAY 08 YEAR 2011 TIME 03:00  
 CUSTOMER REP. Craig Hope  
 SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

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