

CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR				DATE 16-JUL-12		F.R. # 1001922887		SERV. SUPV. COLE W MARRIOTT						
LEASE & WELL NAME MARGIL #44-34D - API 05123351620000				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			
Cement Plug, Rubber, Top 4-1/2 in		Float Collar, Auto Fill, 4-1/2 - 8rd												
		Float Shoe 4-1/2 - 8rd												
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES						
								SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	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				170	13.5	1.71	8.30	03:00	51	33.01
ClayCare Water				0				0	8.34	0	0	00:00	127.12	
PL+.25#/skCF+.4%FL-52+3%Gel				0				700	12.5	1.89	10.37	03:00	235	172.43
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 800 Bbl.				Available Displ. Fluid 300 Bbl.				TOTAL				473.12	205.44	
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
7.875	10	7785	4.052	4.5	10.5	CSG	7766	7634	N-80	7766	7749	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	970	970	No packer		0	0	0	4.5	8RD	WATER BASED	9.4
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				
120.5	BBLS	ClayCare Water	8.34	1736	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: 6 BPM				
Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL						PV & YP Mud In:				PV & YP Mud Out:				
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: 1.1 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"/> 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"/>		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								
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

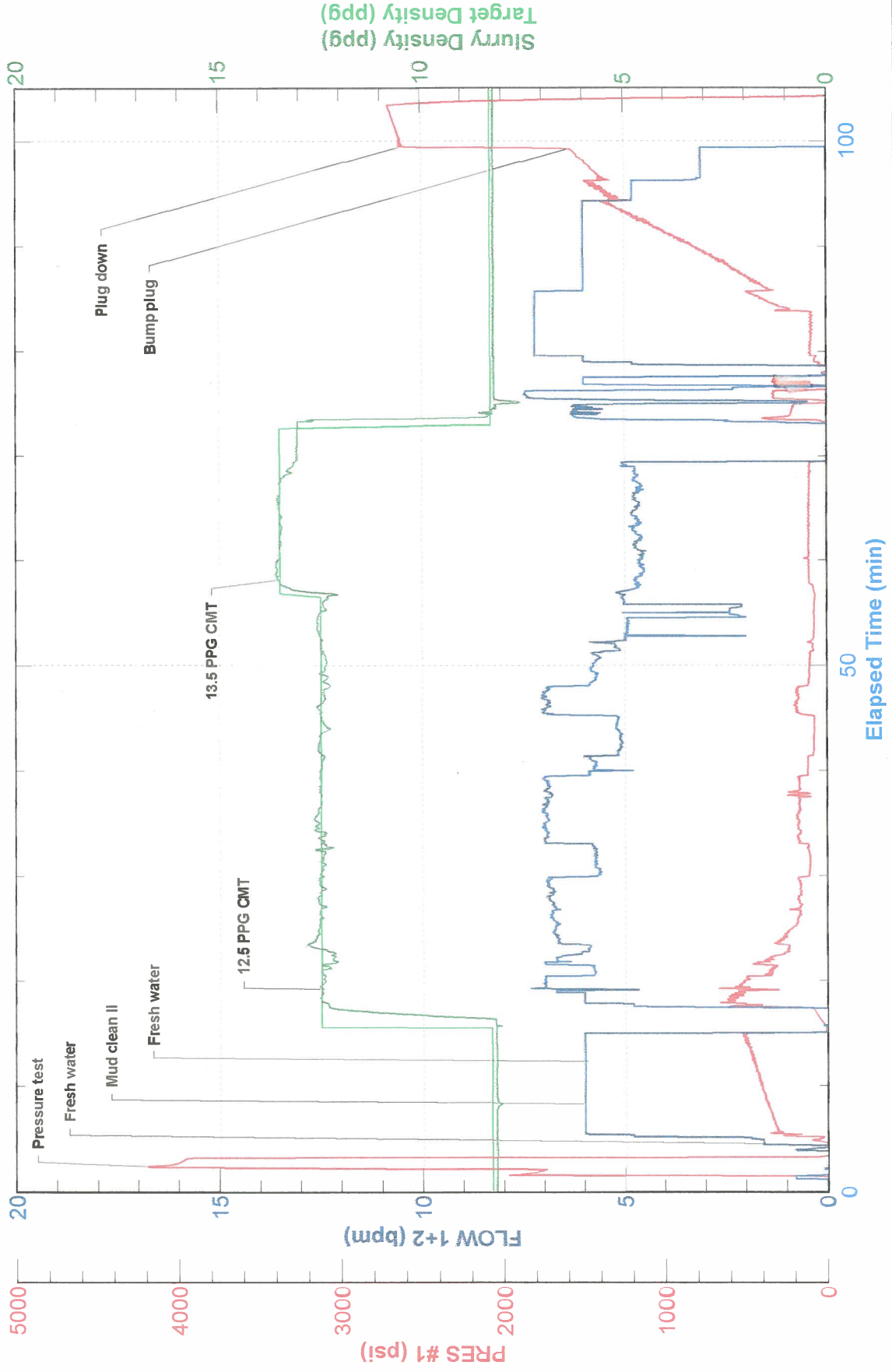
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4275 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:00	0	0	0	0	N.A	Arrive on location 27 miles	
07:00	0	0	0	0	N.A	Spot trucks rig	
07:10	0	0	0	0	N.A	Pre rig up safety meeting	
08:00	0	0	0	0	N.A	Pre job safety meeting	
08:27	4275	0	0	0	H2O	Pressure test	
08:30	379	0	6	20	H2O	Fresh water spacer	
08:34	409	0	6	20	H2O	Mud clean II	
08:37	430	0	6	20	H2O	Fresh water spacer	
08:42	173	0	6.7	239	CMT	Batch up weigh and pump 700 sxs of PLC + 0.25% lbs/sack Cello Flake + 0.4% bwoc FL-52 + 3% bwoc Gel	
09:23	112	0	4.6	54	CMT	Batch up weigh and pump 170 sxs of :50:50: Poz (Fly Ash) Class G Cement + 0.15% bwoc R-3 + 0.4% bwoc FL-52 + 3% bwoc Gel + 0.1% bwoc Sodium Metasilicate + 20% bwoc Silica Flour	
09:40	0	0	0	0	N/A	Drop plug/ wash up	
09:44	496	0	7.2	50	H2O	Displacement	
09:51	1377	0	6	50	H2O	Slow rate	
10:00	1392	0	4.8	10	H2O	Slow rate	
10:02	1579	0	3.1	10	H2O	Slow rate	
10:05	1579	0	3.1	0	H2O	Bump plug	
10:05	2640	0	0	0	H2O	Plug down	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1579	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 473	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:

X



BJ Services JobMaster Program Version 3.50
Job Number: 1001922887
Customer: Synergy
Well Name: Margil 44-34D

C992





FIELD RECEIPT NO. 1001922887

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	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :		GAS USED ON JOB :		JOB TYPE CODE :		NET AMOUNT						
07 16 2012		07	16	2012	COLE W MARRIOTT		05123351620000		New Well		Gas		No Gas		Long String								
DISTRICT				BJS, BRIGHTON				JOB DEPTH (ft)				7,766											
WELL NAME AND NUMBER				MARGIL #44-34D				TD WELL DEPTH (ft)				7,785											
WELL LOCATION :				LEGAL DESCRIPTION				COUNTY/PARISH				STATE											
				34-4N-68W				Weld				Colorado											
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT									
100021		Class G Cement		sacks		85		29.700		2,524.50		58%		1,060.29									
100120		Bentonite		lbs		2256		0.500		1,128.00		58%		473.76									
100121		Silica Flour		lbs		2856		0.530		1,513.68		58%		635.75									
100275		Sodium Metasilicate		lbs		15		3.900		58.50		58%		24.57									
100283		R-3		lbs		22		3.490		76.78		58%		32.25									
100295		Cello Flake		lbs		175		4.850		848.75		58%		356.48									
100317		Poz (Fly Ash)		sacks		85		13.200		1,122.00		58%		471.24									
398108		Mud Clean II		gals		840		1.610		1,352.40		58%		568.01									
398224		Premium Lite Cement		sacks		700		24.050		16,835.00		58%		7,070.70									
488015		FL-52		lbs		302		25.600		7,731.20		58%		3,247.10									
488019		FP-6L		gals		7		99.250		694.75		58%		291.80									
499702		ClayCare, Clay Treat-2C, 260 gl tote		gals		6		140.000		840.00		58%		352.80									
		SUB-TOTAL FOR Product Material								34,725.56		58.00%		14,584.75									
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.															
07 16 2012				06:00																			
CUSTOMER REP.				Craig Weitzel				CUSTOMER AUTHORIZED AGENT				X											
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED				X											
								John Davis															



FIELD RECEIPT NO. 1001922887

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. 07 DAY 16 YEAR 2012		BHI REPRESENTATIVE COLE W MARRIOTT		WELL API NO: 05123351620000		WELL TYPE : New Well					
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 7,766		WELL CLASS : Gas					
WELL NAME AND NUMBER MARGIL #44-34D				TD WELL DEPTH (ft) 7,785		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	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	161.500	161.50	0%	161.50
M100	Bulk Materials Blending Charge	cu ft	971	4.170	4,049.07	58%	1,700.61
	SUB-TOTAL FOR Service Charges				4,210.57	55.78%	1,862.11
F067A	Cement Pumping, 7001 - 8000 ft	6hrs	1	7,925.000	7,925.00	58%	3,328.50
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	64	9.100	582.40	58%	244.61
J391	Mileage, Auto, Pick-Up or Treating Van	miles	64	5.150	329.60	58%	138.43
	SUB-TOTAL FOR Equipment				11,351.00	56.75%	4,908.94
J401	Bulk Delivery, Dry Products	ton-mi	1091	3.030	3,305.73	58%	1,388.41
	SUB-TOTAL FOR Freight/Delivery Charges				3,305.73	58.00%	1,388.41
	FIELD ESTIMATE				53,592.86	57.56%	22,744.21

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

 Craig Weitzel

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

CUSTOMER AUTHORIZED AGENT
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BHI APPROVED

 John Jones

CUSTOMER AUTHORIZED AGENT
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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS