

## CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR		DATE 08-DEC-11	F.R.# 656810019	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, Al Flap, 4-1/2 - 8rd		—		—	—	—	—	—					
—		Float Shoe 4-1/2 - 8rd		—		—	—	—	—	—					
—		Centralizer, with Pins, 4-1/2 in		—		—	—	—	—	—					
<b>PHYSICAL SLURRY PROPERTIES</b>															
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		—		285	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	MIX WATER			
127.5	BBLS	ClayCare Water		8.34	1759	0	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 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															
<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									

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### 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

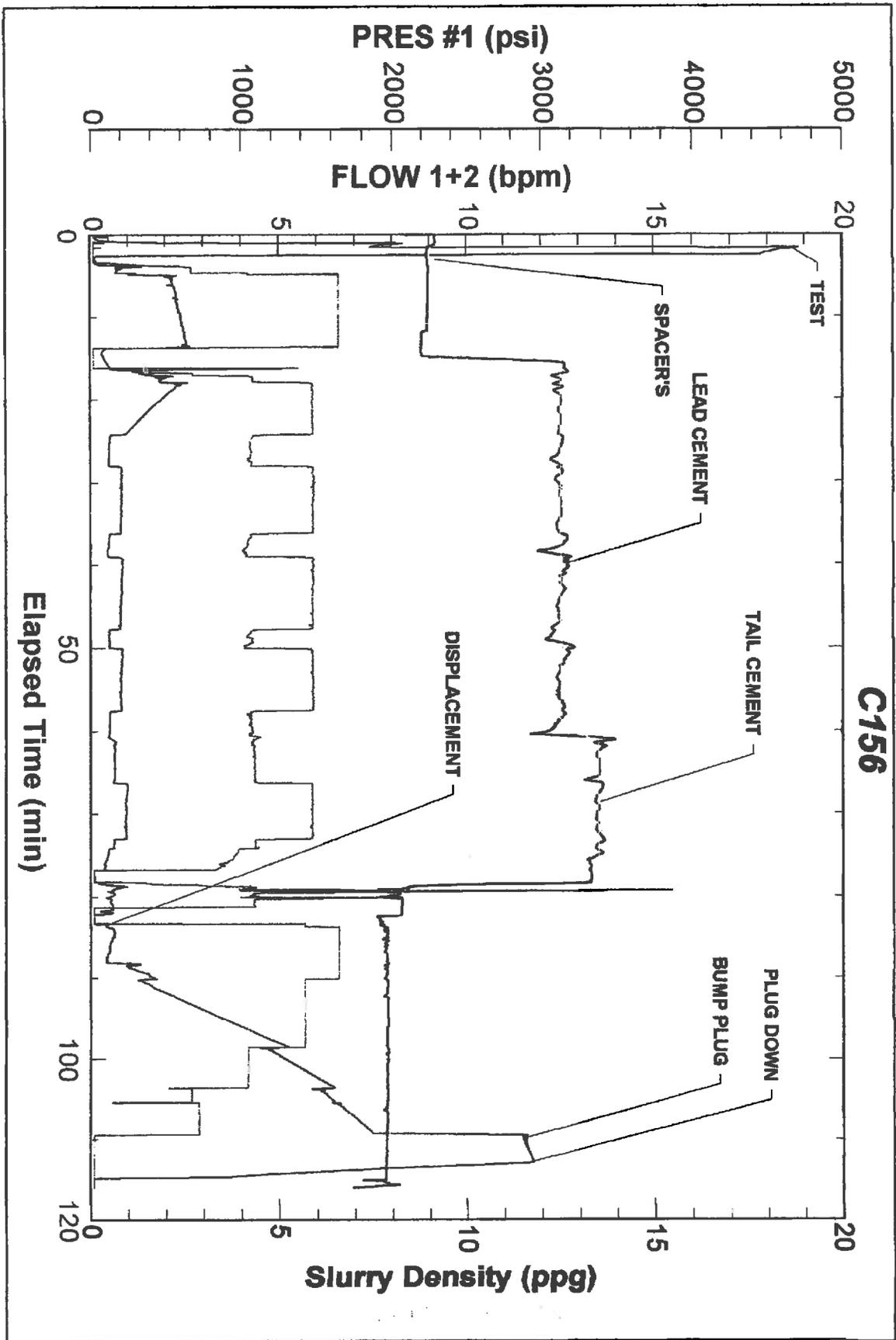
PRESSURE/RATE DETAIL						EXPLANATION	
TIME Hr:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4737 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	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	2882	0	2.8	128	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	

(X) Craig S. Kepp



BJ Services JobMaster Program Version 3.50  
Job Number: 658610019  
Customer: Synergy  
Well Name: MargII 13-34D





FIELD RECEIPT NO. 666610019



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	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :				
12	08	2011	03:00	RYAN R STEVENS	0512334180000	New Well				
DISTRICT	BRIGHTON		JOB DEPTH (ft)		WELL CLASS :					
			8.113		Gas					
WELL NAME AND NUMBER	MARGIL #13-34D		TD WELL DEPTH (ft)		GAS USED ON JOB :					
			8.125		No Gas					
WELL LOCATION :	LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
	34-4N-69W		Weld		Colorado		Long String			
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT			
A152	Personal 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	59%	2,022.87			
	SUB-TOTAL FOR Service Charges				4,977.85	56.12%	2,184.37			
F089A	Cement Pumping, 8001 - 9000 ft	hrs	1	9,125.000	9,125.00	59%	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	59%	266.70			
J225	Data Acquisition, Cement, Standard	job	1	1,635.000	1,635.00	59%	686.70			
J390	Mileage, Heavy Vehicle	miles	60	9.100	546.00	59%	229.32			
J391	Mileage, Auto, Pick-Up or Treating Van	miles	60	5.150	309.00	59%	129.78			
	SUB-TOTAL FOR Equipment				12,494.00	56.87%	5,389.00			
J401	Bulk Delivery, Dry Products	ton-ml	1434	3.030	4,345.02	59%	1,824.91			
	SUB-TOTAL FOR Freight/Delivery Charges				4,345.02	58.00%	1,824.91			
	FIELD ESTIMATE				62,537.36	57.78%	26,403.46			
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	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.					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		CUSTOMER AUTHORIZED AGENT		CUSTOMER AUTHORIZED AGENT		BHI APPROVER				
		<i>Craig Hope</i>		<i>Craig Hope</i>		<i>Craig Hope</i>				