

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 FT³	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	BBLs	ClayCare Water	8.34	1759	0	0	0	0	6224	3500	Rig Tank		
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: 9.5 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"/>						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													
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					

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

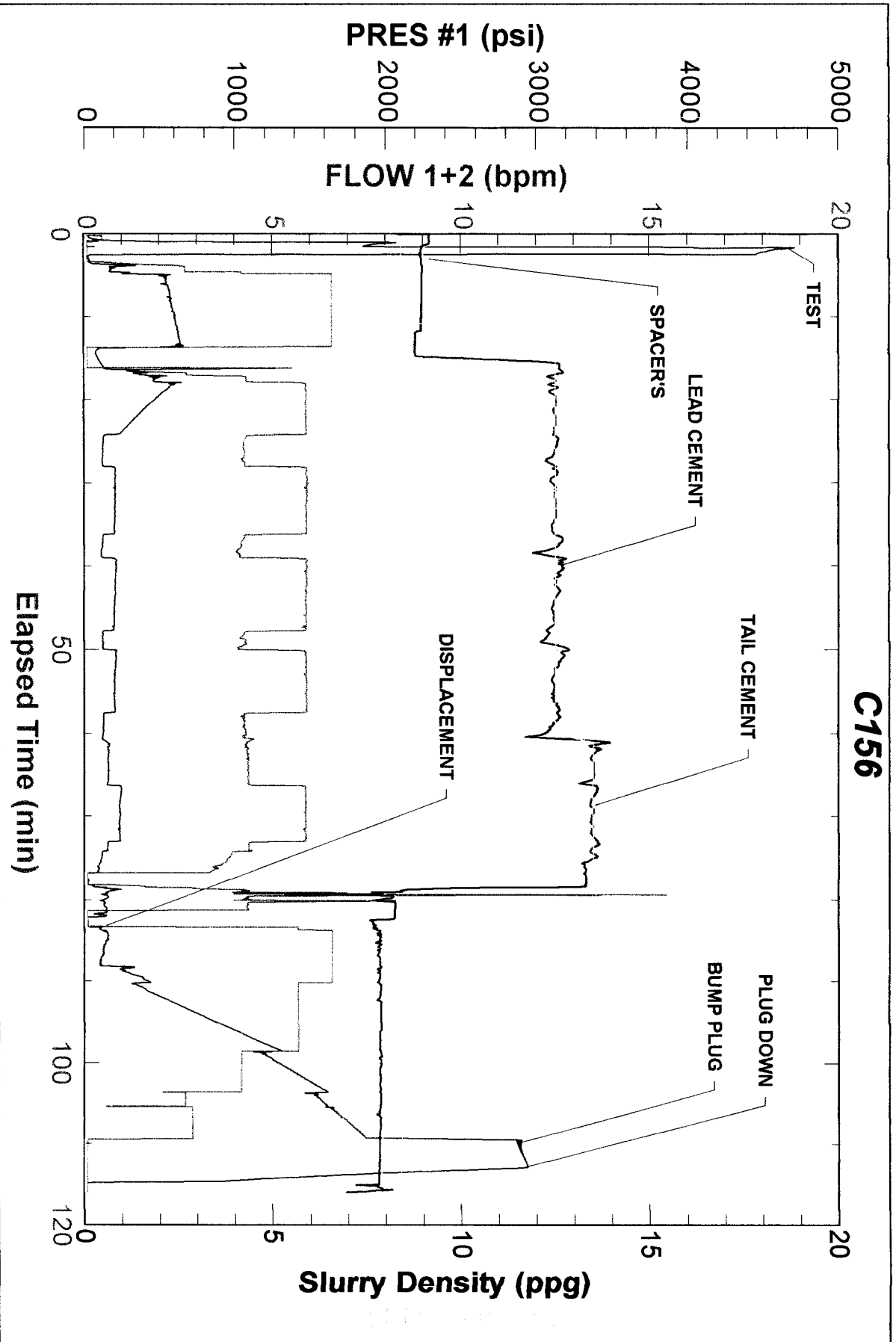
Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	
Problems Before Job (I.E. Running Casing, Circulating Well, ETC) None		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, 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		

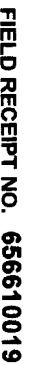
PRESSURE/RATE DETAIL						EXPLANATION			
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>			
	PIPE	ANNULUS				TEST LINES 4737 PSI			
						CIRCULATING WELL - RIG <input checked="" 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 <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 2862	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 502	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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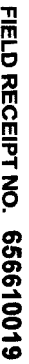
BJ Services JobMaster Program Version 3.50
Job Number: 656610019
Customer: Synergy
Well Name: MargII 13-34D





FIELD RECEIPT NO. 656610019

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