

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	4000 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
06:00	0	0	0	0	NA	Arrive on location		
08:15	0	0	0	0	NA	Spot trucks		
09:00	0	0	0	0	NA	Safety meeting		
09:23	1259	0	0	0	H2O	Low psi test		
09:24	4102	0	0	0	H2O	High psi test		
09:27	318	0	5.6	20	H2O	H2o spacer		
09:31	345	0	5.6	20	H2O	Mud clean 2		
09:35	363	0	5.6	20	H2O	H2o spacer		
09:38	165	0	6	174	CMT	Batch/weigh/pump lead cmt @ 12.5 ppg		
10:14	93	0	4.4		CMT	Weigh/pump tail cmt @13.5 ppg		
10:36	0	0	0	0	NA	Shut down drop plug		
10:43	80	0	5.6	0	H2O	Start displacement		
10:52	130	0	5.6	37	H2O	Caught cmt		
10:59	1499	0	2.6	86	H2O	Slowed rate		
11:07	2521	0	0	106	H2O	Bumped plug Float held Final lift 1520		

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	1500	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	428	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

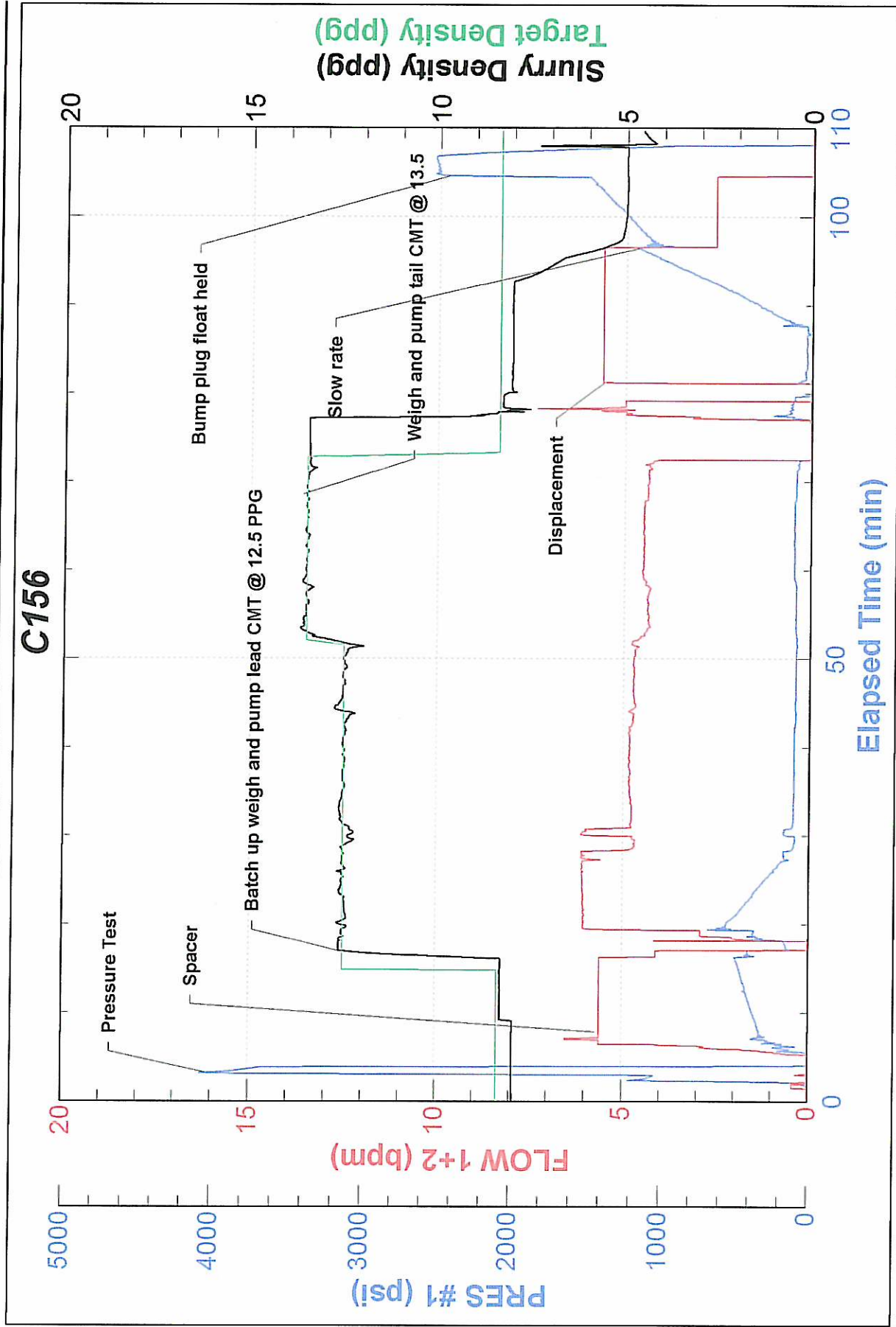


BJ Services JobMaster Program Version 3.50

Job Number: 1001852140

Customer: Synergy

Well Name: SRC Cletcher 12-21d



FIELD RECEIPT NO. 1001852140

BJ Services Company



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. 09	DAY 11	YEAR 2011	BJ SERVICES REPRESENTATIVE LANCEN WEBB		WELL API NO. 05123304680000		WELL TYPE : New Well		
BJ SERVICES DISTRICT Brighton					JOB DEPTH (ft) 6,845		WELL CLASS : Gas				
WELL NAME AND NUMBER SRC CLETCHER #12-21D					TD WELL DEPTH (ft) 6,860		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 21-4N-68W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	✓143	27.000	3,861.00	58%	1,621.62	
100120	Bentonite				lbs	✓2076	0.470	975.72	58%	409.80	
100121	Silica Flour				lbs	✓4788	0.500	2,394.00	58%	1,005.48	
100275	Sodium Metasilicate				lbs	✓124	3.670	88.08	58%	36.99	
100295	Cello Flake				lbs	✓130	4.570	594.10	58%	249.52	
100317	Poz (Fly Ash)				sacks	✓143	12.000	1,716.00	58%	720.72	
398108	Mud Clean II				gals	✓840	1.510	1,268.40	58%	532.73	
398224	Premium Lite Cement				sacks	✓520	21.850	11,362.00	58%	4,772.04	
488015	FL-52				lbs	✓277	24.100	6,675.70	58%	2,803.79	
488019	FP-6L				gals	✓6	93.500	561.00	58%	235.62	
488137	ClayTreat 3C				gals	✓5	130.000	650.00	58%	273.00	
SUB-TOTAL FOR Product Material								30,146.00	58.00%	12,661.31	
A152	Personnel Surcharge - Cement Svc				ea	1	152.000	152.00	0%	152.00	
M100	Bulk Materials Service Charge				cu ft	929	3.930	3,650.97	58%	1,533.41	
SUB-TOTAL FOR Service Charges								3,802.97	55.68%	1,685.41	
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.	DAY	YEAR	TIME	SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.					
CUSTOMER REP.		Larry Synder				CUSTOMER AUTHORIZED AGENT X <i>Stephen C. Synder</i>					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT X <i>Stephen C. Synder</i>					

FIELD RECEIPT NO. 1001852140

BJ Services Company



CUSTOMER		SYNERGY RESOURCES CORP		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL INVOICE TO:		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
		20203 HWY 60 PO BOX 80651		Platteville		Colorado		80651			
DATE WORK COMPLETED		MO.	DAY	YEAR	BJ SERVICES REPRESENTATIVE		WELL API NO:		WELL TYPE:		
09 11 2011					LANCE N WEBB		05123304680000		New Well		
BJ SERVICES DISTRICT						JOB DEPTH (ft)		WELL CLASS:			
Brighton						6,845		Gas			
WELL NAME AND NUMBER						TD WELL DEPTH (ft)		GAS USED ON JOB:			
SRC CLETOCHER #12-21D						6,860		No Gas			
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:			
		21-4N-68W		Weld		Colorado		Long String			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
F015A	Cement Pump Casing, 6001 - 7000 ft				6hrs	1	7,550.00	7,550.00	58%	3,171.00	
F090	Fuel per pump charge - cement				pump/hr	4	57.500	230.00	0%	230.00	
J050	Cement Head				job	1	595.000	595.00	58%	249.90	
J225	Data Acquisition, Cement, Standard				job	1	1,540.000	1,540.00	58%	646.80	
J390	Mileage, Heavy Vehicle				miles	66	8.550	564.30	58%	237.01	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	66	4.830	318.78	58%	133.89	
	SUB-TOTAL FOR Equipment							10,798.08	56.76%	4,668.60	
J401	Bulk Delivery, Dry Products				ton-mi	1264	2.850	3,602.40	58%	1,513.01	
	SUB-TOTAL FOR Freight/Delivery Charges							3,602.40	58.00%	1,513.01	
	FIELD ESTIMATE							48,349.45	57.54%	20,528.33	
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.					
09 11 2011					06:00						
CUSTOMER REP.		Larry Synder				CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						BJ SERVICES APPROVED					
						CUSTOMER AUTHORIZED AGENT					

CEMENT JOB REPORT



CUSTOMER MARATHON OIL - XML		DATE 11-SEP-11	F.R. # 1001851693	SERV. SUPV. JOHN R WUDARCZYK	
LEASE & WELL NAME RAWHIDE FLATS 10-68-16 #1M - API 05069064350		LOCATION 16-10N-68W		COUNTY-PARISH-BLOCK Larimer Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # H&P 321		TYPE OF JOB Long String	

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE	PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 5-1/2 in	Float Shoe 5-1/2 - 8rd	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
	Centralizer, with Pins, 5-1/2 in								
MATERIALS FURNISHED BY BJ									
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8 + 0.2% R-3			197	13.5	1.74	8.04	03:30	61.09	37.73
Fresh Water			0	8.34	0	0	00:00	148.4	
Sealbond			0	8.5	0	0	00:00	40	
Water + Claycare and Alpha-125			0	8.34	0	0	00:00	20	
Premium Lite+.25#/skCF+5#/skKS+.4%FL52+3%Gel			816	12.5	1.93	10.17	04:30	279.77	197.54
Available Mix Water 500 Bbl. Available Displ. Fluid 500 Bbl.			TOTAL			549.25	235.27		

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8.497	30	6765	5.5	20	CSG	6756	P-110	6756	6712	0

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	32	CSG	1241	NO PACKER	0	0	0	5.5	8RND	WATER BASED MU	9.2

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	
148.8	BBLS	Fresh Water	8.34	1544	0	0	0	0	10112	4000	UPRIGHT TANK

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 2 Circulation Rate: 5 BPM
 Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL PV & YP Mud In: 14 PV & YP Mud Out: 14
 Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 1.5 BBLS
 Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: VISUAL
 Cement Returns at Surface: ☒ YES ☐ NO Were Returns Planned at Surface: ☐ NO ☒ YES
 Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE
 Centralizers: ☐ NO ☒ YES Quantity: 52 Type: ☒ BOW ☐ RIGID
 Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:
 Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES
 Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☒
 Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ 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

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