

**BILL BARRETT CORPORATION E-BILL
DO NOT MAIL-1099 18TH ST,STE 2300W
DENVER, Colorado**

Box Elder G 4

Post Job Summary **Plug to Abandon Service**

Prepared for:
Date Prepared: 5/3/2013
Version: 1

Service Supervisor: VIGIL, NICHOLAS

Submitted by: FINNEY, SEAN

HALLIBURTON

HALLIBURTON

Wellbore Geometry

Job Tubulars					MD	
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft
Casing	8 5/8" Surface	8.63	8.097	24.00	0.00	222.00
Casing	5 1/2" Production Casing	5.50	4.892	17.00	0.00	8,199.00
Tubing	2 7/8" Tubing	2.88	.000		0.00	7,190.00
Tubing	Squeeze #1	2.88	2.441	6.50	0.00	7,190.00
Tubing	Plug #1	2.88	2.441	6.50	1,506.00	1,606.00
Tubing	Squeeze #2	2.88	2.441	6.50	0.00	860.00
Tubing	Surface Plug	2.88	2.441	6.50	0.00	241.00

HALLIBURTON

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Cement Slurry	Squeeze #1	15.80	1.90	85.0 sacks	85.0 sacks
1	2	Cement Slurry	SwiftCem B2 12#	12.00	1.50	65.0 sacks	65.0 sacks
1	3	Cement Slurry	15.8# Cement	15.80	1.20	50.0 sacks	50.0 sacks
2	1	Cement Slurry	Balance Plug #1	15.80	2.00	25.0 sacks	25.0 sacks

Fluids Pumped

Stage/Plug # 1 Fluid 1: Squeeze #1
HALCEM (TM) SYSTEM

Fluid Weight: 15.80 lbm/gal
Slurry Yield: 1.52 ft3/sack
Total Mixing Fluid: 6.20 Gal
Surface Volume: 85.0 sacks
Sacks: 85.0 sacks
Pump Rate: 1.90 bbl/min

Stage/Plug # 1 Fluid 2: SwiftCem B2 12#
HALCEM (TM) SYSTEM

Fluid Weight: 12.00 lbm/gal
Slurry Yield: 2.47 ft3/sack
Total Mixing Fluid: 14.63 Gal
Surface Volume: 65.0 sacks
Sacks: 65.0 sacks

Stage/Plug # 1 Fluid 3: 15.8# Cement
HALCEM (TM) SYSTEM

Fluid Weight: 15.80 lbm/gal
Slurry Yield: 1.15 ft3/sack
Total Mixing Fluid: 5.00 Gal
Surface Volume: 50.0 sacks
Sacks: 50.0 sacks
Pump Rate: 1.20 bbl/min

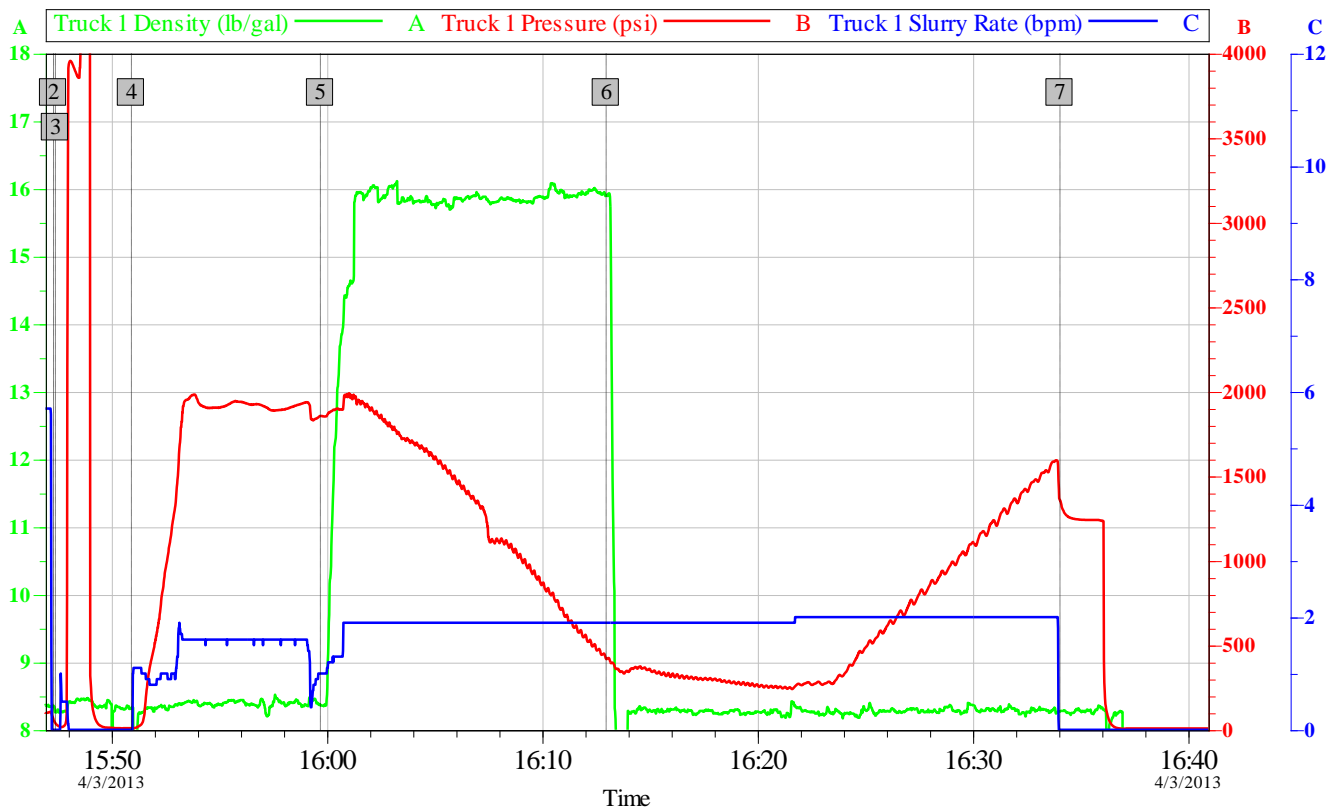
HALLIBURTON

Stage/Plug # 2 Fluid 1: Balance Plug #1
HALCEM (TM) SYSTEM

Fluid Weight: 15.80 lbm/gal
Slurry Yield: 1.15 ft³/sack
Total Mixing Fluid: 5.00 Gal
Surface Volume: 25.0 sacks
Sacks: 25.0 sacks
Pump Rate: 2.00 bbl/min

HALLIBURTON

Data Acquisition



Global Event Log

2	Start Job	15:47:18	3	Test Lines	15:47:24	4	Injection Test	15:50:55
5	15.8 ppg Cement	15:59:42	6	Pump Displacement	16:12:59	7	Shutdown	16:34:03

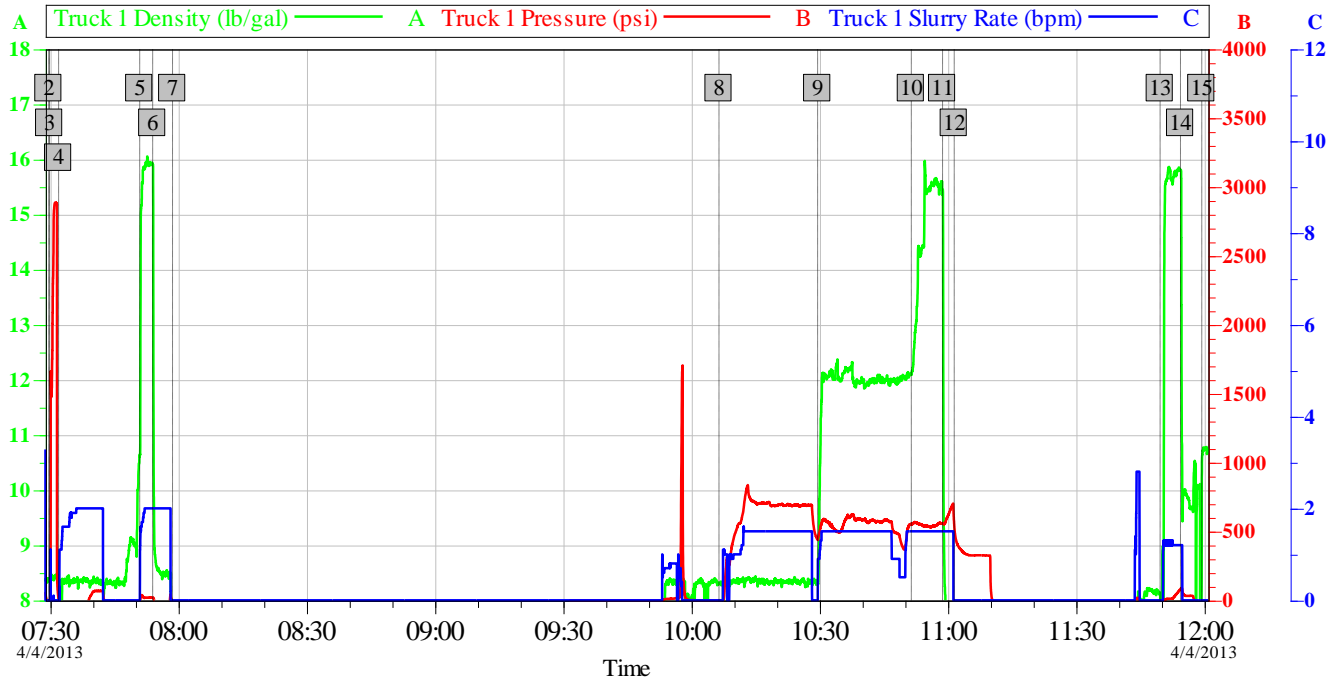
Customer: Bill Barret
Well Description: Box Elder G4

Job Date: 03-Apr-2013
Job Type: PTA

Sales Order #: 900339582
Supervisor: N. VIGIL

OptiCem v6.4.10
03-Apr-13 19:23

HALLIBURTON



Global Event Log

2 Start Job	07:29:40	3 Test Lines	07:29:52	4 Circulate Well	07:31:59
5 15.8 ppg Cement	07:50:57	6 Pump Displacement	07:54:00	7 Shutdown	07:58:39
8 Circulate Well	10:06:28	9 12 ppg SwiftCem	10:29:32	10 15.8 ppg Cement	10:51:28
11 Pump Displacement	10:58:46	12 Shutdown	11:01:29	13 15.8 ppg Cement	11:49:40
14 Clean Lines	11:54:26	15 End Job	11:59:24		

Customer: Bill Barret
Well Description: Box Elder G4

Day 2 04-Apr-2013
Job Type: PTA

Sales Order #: 900339582
Supervisor: N.VIGIL

OptiCem v6.4.10
04-Apr-13 12:35

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
04/03/2013 15:00		Arrive At Loc						Well site assesment,Hazard Hunt,Rig up safety meeting,Water test
04/03/2013 15:47		Start Job						Pre job safety meeting
04/03/2013 15:47		Test Lines						Pressure tested lines to 4000 psi
04/03/2013 15:50		Injection Test	1.6	10			1969.0	Pumped water to establish rate and circulation
04/03/2013 15:59		Pump Cement	1.9	23			1660.0	15.8 ppg Cement (85 sks), weight verified by scale
04/03/2013 16:12		Pump Displacement	2	40			1600.0	Pumped displacement to leave 1.3 bbl (5 sks) in tubing to spot on top of retainer
04/03/2013 16:34		Shutdown						Waited for rig to POOH 5,539' up tp 1626'
04/03/2013 19:24		Standby - Other - see comments						Released by company man because of lighting issues. Told to be on location 0700 tomorrow morning ready to pump
04/04/2013 07:29		Resume						On location at 0630, got rigged up and waited for rig crew to arrive,Pre job safety meeting
04/04/2013 07:29		Test Lines						Pressure tested lines to 3000 psi
04/04/2013 07:31		Circulate Well	2	18.5			66.0	Pumped water to establish circulation
04/04/2013 07:50		Pump Cement	2	5.1			19.0	15.8 ppg Cement (25 sks), weight verified by scales
04/04/2013 07:54		Pump Displacement	2	8.5			58.0	Water to balance plug
04/04/2013 07:58		Shutdown						Waited for rig and wireline to perf
04/04/2013 10:06		Injection Test	1.5	30			720.0	Pumped water to establish rate and good circulation
04/04/2013 10:29		Pump Cement	1.5	28.5			583.0	12 ppg SwiftCem (65 sks) followed 5 bbl of 15.8 G neat (25 sks)
04/04/2013 10:58		Pump Displacement	1.5	4			625.0	Pumped displacement to leave 1 bbl in tubing to spot on top of retainer
04/04/2013 11:01		Shutdown						Waited for rig to POOH to 187'
04/04/2013 11:49		Pump Cement	1.2	5			48.0	15.8 ppg Cement (25 sks), weight verified by scale
04/04/2013 11:54		Clean Lines						Pumped water to clear pump and lines
04/04/2013 11:59		End Job						Rig down safety meeting

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2990666	Quote #:	Sales Order #: 900339582
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Etter, Gary	
Well Name: Box Elder G		Well #: 4	API/UWI #:
Field: AMBUSH	City (SAP): WESTMINSTER	County/Parish: Adams	State: Colorado
Contractor: WORKOVER		Rig/Platform Name/Num: Workover	
Job Purpose: Plug to Abandon Service			
Well Type: Unknown Well Type		Job Type: Plug to Abandon Service	
Sales Person: FLING, MATTHEW		Srvc Supervisor: VIGIL, NICHOLAS	MBU ID Emp #: 443481

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BROOM, KENDALL L	0.0	524682	DEY, JERRY A	0.0	505015	MILLER, GEOFFREY Alan	0.0	460232
OTERI, VAUGHN Steeves	0.0	443828	SINCLAIR, RICHARD	0.0	368195	VIGIL, NICHOLAS Joseph	0.0	443481

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11667703C	28 mile	11748359	28 mile	12010168	28 mile	NA	28 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			Total is the sum of each column separately					

Job

Formation Name					Job Times			
Formation Depth (MD)	Top	Bottom			Called Out	Date	Time	Time Zone
Form Type		BHST			On Location	03 - Apr - 2013	15:00	MST
Job depth MD	7218. ft	Job Depth TVD	7218. ft		Job Started	03 - Apr - 2013	15:47	MST
Water Depth		Wk Ht Above Floor			Job Completed	04 - Apr - 2013	11:59	MST
Perforation Depth (MD)	From	To			Departed Loc	04 - Apr - 2013	13:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
5 1/2" Production Casing	Unknown		5.5	4.892	17.			.	8199.		
8 5/8" Surface	Unknown		8.625	8.097	24.			.	222.		
2 7/8" Tubing	Unknown		2.875	.				.	7190.		
Plug #1	Unknown		2.875	2.441	6.5			1506.	1606.		
Squeeze #1	Unknown		2.875	2.441	6.5			.	7190.		
Squeeze #2	Unknown		2.875	2.441	6.5			.	860.		
Surface Plug	Unknown		2.875	2.441	6.5			.	241.		

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Squeeze #1	HALCEM (TM) SYSTEM (452986)	85.0	sacks	15.8	1.52	6.2	1.9	6.2
	6.2 Gal	FRESH WATER							
2	SwiftCem B2 12#	HALCEM (TM) SYSTEM (452986)	65.0	sacks	12.	2.47	14.63	1.5	14.63
	14.63 Gal	FRESH WATER							
3	15.8# Cement	HALCEM (TM) SYSTEM (452986)	50.0	sacks	15.79	1.15	5.0	1.2	5.0
	5 Gal	FRESH WATER							
Stage/Plug #: 2									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	Balance Plug #1	HALCEM (TM) SYSTEM (452986)	25.0	sacks	15.8	1.15	5.0	2.0	5.0
	5 Gal	FRESH WATER							
The Information Stated Herein Is Correct			Customer Representative Signature						

