



**Pumping
Service Report**

9187462

Client Name Bill Barrett Inc	Well Name Lucas Oil 34-9	Job Date January 10, 2014	Call Sheet 1035117
Client Representative Mr Bob O'Donovan	Location SE SW Sec 20:T5N:R63W	Job Type Miscellaneous Pumping	

Well Profile

Well Type: Oil

Maximum Treating Pressure (psi): ---

Predicted Bottom Hole Static Temperature (°F): --- @ --

Bottom Hole Circulating Temperature (°F): --- @ --

Bottom Hole Logged Temperature (°F): --- @ --

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
4.500	11.600	J-55	4,960.0	5,350.0	18.65	4.000	5.000	0.0	1,200.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
1.250	2.300	J-55	--	--	--	--	0.000	725.000

Products

Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

Lead 1: 226 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 46 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60
+ 0.5 % of CFR,
+ 0.25 lb/sack of Polyflake

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Jan 03, 2014 17:41



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Units & Personnel

Units							
<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
449093	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	01/10/2014 06:32	01/10/2014 14:22
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	01/10/2014 06:32	01/10/2014 14:22
446172	TRAILER	Bulker	746172	TRACTOR	Tandem - Tractor	01/10/2014 06:32	01/10/2014 14:22

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Johnson, Quintin	01/10/2014 06:30	01/10/2014 14:22		
Contreras, Bennie	01/10/2014 06:30	01/10/2014 14:22		
Barden, Sean	01/10/2014 06:30	01/10/2014 14:22		
Hansen, Kevin	01/10/2014 06:30	01/10/2014 14:22		

Treatment Reports & Remarks



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Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Jan 10, 2014 06:30	Arrive On Location	---	--	--	--	--	0.00
		Remarks: arrived on time						
2	Jan 10, 2014 06:40	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: talked about spotting trucks and rigging in						
3	Jan 10, 2014 09:30	Rig In	---	--	--	--	--	0.00
		Remarks: rigged into the well head and bulk and water trucks						
4	Jan 10, 2014 12:00	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: signed their and our JSA						
5	Jan 10, 2014 12:01	Safety Meeting	---	--	--	--	--	0.00
		Remarks: talked about the job scope and safety concerns						
6	Jan 10, 2014 12:14	Start - Fluid	Water	1.00	100.0	--	1.00	1.00
		Remarks: filled lines for pressure test						
7	Jan 10, 2014 12:16	Pressure Test	Water	0.00	3,000.0	--	0.00	1.00
		Remarks: pressure tested and lines looked good, trips went at 3000 psi						
8	Jan 10, 2014 12:18	Pump Preflush	Water	1.80	188.0	--	10.00	11.00
		Remarks: pump visweep						
9	Jan 10, 2014 12:35	Pump Spacer	Water	1.90	188.0	--	5.00	16.00
		Remarks: pumped fresh spacer between visweep and slurry						
10	Jan 10, 2014 12:35	Mix Cement	0-1-0 G	1.90	580.0	--	46.00	62.00
		Remarks: mixed slurry at 15.8						
11	Jan 10, 2014 12:53	Pump Displacement	Water	2.00	588.0	--	0.50	62.50
		Remarks: displaced our iron						
12	Jan 10, 2014 12:55	Stop	---	--	--	--	--	62.50
		Remarks: stopped and rig off for wash up						
13	Jan 10, 2014 13:10	Wash	Water	1.50	150.0	--	20.00	82.50
		Remarks: wash mixing side and do run backs						
14	Jan 10, 2014 13:50	Rig Out	---	--	--	--	--	82.50
		Remarks: rig out our iron						
15	Jan 10, 2014 14:10	Pre-Departure Meeting	---	--	--	--	--	82.50
		Remarks: journey mangement						
16	Jan 10, 2014 14:15	Job Complete	---	--	--	--	--	82.50
		Remarks: job done do walk around and covey down						
17	Jan 10, 2014 14:22	Leave Location	---	--	--	--	--	82.50
		Remarks: leave for sanjel yard						

Did Float Hold: Not Applicable

Fluid Returns : Not Expected

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes



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Treatment Reports & Remarks

Material Transfer Sheet Number

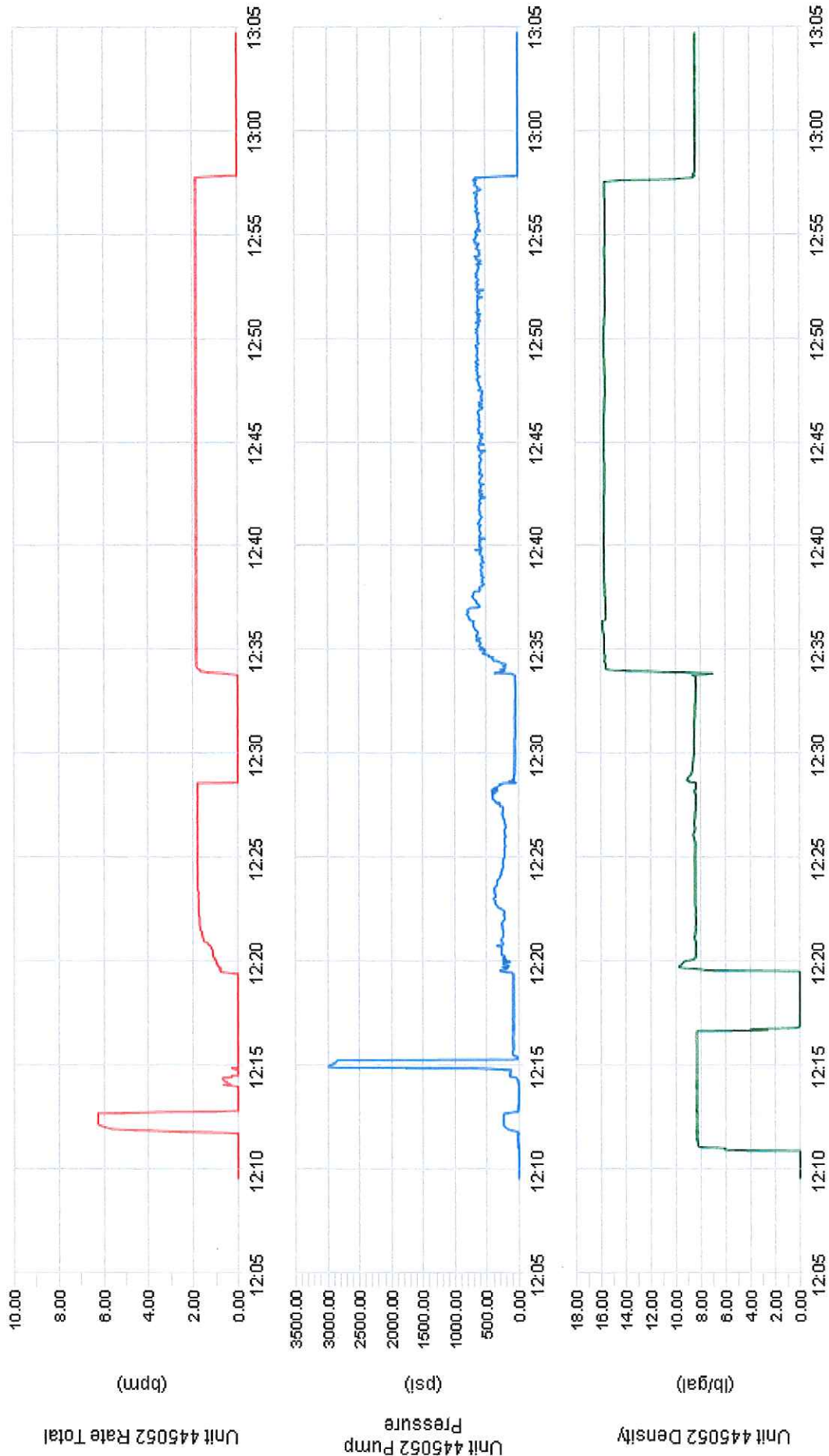
Material Transfer Sheet Number

44191

44193



Client	Bill Barrett Inc.	Client Rep	Bob O'Donovan	Supervisor	Quintin Elmer Johnson
Ticket No.	918462	Well Name	Lucas School 34-9	Unit No.	445052
Location	SE SW Sec 20: T5N: R63N	Job Type	Miscellaneous Pumping	Service District	Fort Lupton
Comments	1 bbl to fill lines, Pressure Test, 20 bbls visweep, 5 bbls fresh, 71.7 bbls of slurry @ 15.8, 2bbls of displacement, atop, wash.				
				Job Date	01/10/2014





PRE-JOB SAFETY MEETING - JOB SAFETY ANALYSIS (JSA)

Customer Name: Bill BARRETT Inc. Date: JAN 10, 2014 Service Ticket No.: 9187462

Total People on Location: 10 Location: SE SW SEC 20: T5 N: R63 W

Emergency Response Plan: (muster point, emergency procedures, location of emergency shower, eyewash station, fire extinguishers, first aid kits)

Muster Point LEASE ENTRANCE, BRIEFLY NEAREST MEDICAL - BENNIE Primary DRIVER, SANJEL Pickups for TRANSPORT
MR BOB O'DONOVAN MAKES 911 CALL, 1ST AID & EYE WASH UNDERBUNKS OF TRUCKS, FIRE EXTINGUISHERS IN CARS & PUMP TRAILER
How do we signal "STOP WORK"? HANDS ACROSS HAZARD, VERBAL shout out, LONG HORN BLAST

Safety Meeting Discussion: (Topics should include brief job scope, PPE, site specific hazards, environmental issues, people's responsibilities)

PUMP 1 BBI WAGON to FILL LINES. PRESSURE TEST 3000 PSI, 30 BBL'S VISCOUS w/ poly GORE, 300 PSI PRESS, 71.7 BPS SLURRY @ 15.8 @ BPS OF DISPLACEMENT. ELMER - SUPERVISOR, BENNIE - OPERATOR, SEAN & RYAN BULKING, SNOO ON GROUND
SLICK LOCATION, WEAR ALL PPE, HAZD HAT, SAFETY GLASSES, COVEY'S IMPACT GLOVES, STEEL TOE BOOTS
High winds, cold weather, CEMENT DUST & SLURRY WASH OFF ASAP

Job Safety Analysis:

1. Break the job down into steps.	2. Identify the hazards associated with each step.	3. Develop ways to control the hazards.
Sequence of Basic Job Steps	Potential Hazards	Recommended Controls
Spot TRUCKS	slip Location / obstacles Biological Agents	use spotters & RADIO's Elimination
Rig IN	Slips, trips, falls, pinch points Hammer Swings, Electrical Heavy Lifting	watch HAND & FOOT placements call out Swings, Admin lift
PRESSURE TEST & Pump	High Pressures, Cement Dust & Slurry Mechanical	STAND CLEAR, High pressure signs wash off ASAP
Rig OUT	Slip, trips, falls, pinch points Hammer Swings, Radiations Heavy Lifting	watch HAND & FOOT placements call out Swings, Admin lift
LEAVE LEASE	SLICK LOCATION, obstacles Toxic Gases	use spotters & RADIO's

Attendees: (Print name and sign. If there are not enough lines use a second document from this book and enter the same Service Ticket No.)

Darryl Olving ECWS
Richard ECWS
Mike KADUKA ECWS
Thomas Toner ECWS
Chris Fabner ECWS
Sean Barden S
Keying Hansen K
Bob O'Donovan
Bennie Contreras

Customer Representative:

MR BOB O'DONOVAN
Print Name

Signature

Sanjel Supervisor:

Quintin Elmer Johnson
Print Name

Signature