



**Pumping  
Service Report**

**9198873**

Client Name Bill Barrett Inc	Well Name Bolin #1	Rig Concord Well Servicing 14	Job Date November 20,2014	Call Sheet 1050679
Client Representative Mr. Johnny Damron	Surface Well Location NW NW Sec 18:T6N:R61W	Down Hole Well Location	Job Type Abandonment Plugs	

**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):	--- @ --

<b>Open Hole</b>					
<u>Size (in)</u>	<u>Excess (%)</u>	<u>TMD From (ft)</u>	<u>TMD To (ft)</u>	<u>TVD From (ft)</u>	<u>TVD To (ft)</u>
7.875	--	381.000	2,500.000	--	--

<b>Casing</b>										
<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Internal Yield Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>	
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)	
10.750	40.500	J-55	1,580.0	3,130.0	37.38	10.050	11.750	0.0	381.0	

<b>Tubing</b>										
<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>		
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)		
2.875	6.400	J-55	7,680.000	2.190	2.441	3.500	0.000	378.000		
2.875	6.400	J-55	7,680.000	2.550	2.441	3.500	0.000	440.000		
1.050	1.200	J-55	10,560.000	0.070	0.824	1.660	0.000	100.000		



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**Products**

<b>Plug 1</b>	
From Depth (ft):	304
To Depth (ft):	440
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 75 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 15.4 (bbl)	
Water Temperature(°F) = 90 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 89	
<b>Plug 2</b>	
From Depth (ft):	252
To Depth (ft):	378
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 65 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 13.3 (bbl)	
Water Temperature(°F) = 90 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 89	
<b>Plug 3</b>	
From Depth (ft):	0
To Depth (ft):	100
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 55 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 11.3 (bbl)	
Water Temperature(°F) = 90 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 89	

**Fluid & Cement Data**

Expected Cement Top:	--				
<b>Wellbore Fluid</b>					
<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	--	8.400	--	--	Nov 18, 2014 19:47

**Units & Personnel**

<b>Units</b>							
<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>
200866	PICKUP	3/4 Ton	449086	TRAILER	Utility Trailer	11/20/2014 07:30	11/20/2014 19:30
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	11/20/2014 07:30	11/20/2014 19:30
446153	TRAILER	Bulker	746153	TRACTOR	Tandem - Tractor	11/20/2014 07:30	11/20/2014 19:30

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Faircloth, Branden	11/20/2014 07:30	11/20/2014 19:30		
Contreras, Bennie	11/20/2014 07:30	11/20/2014 19:30		
Hansen, Ted	11/20/2014 07:30	11/20/2014 19:30		
Houghton, Guy	11/20/2014 07:30	11/20/2014 19:30		

**Treatment Reports & Remarks**



**Pumping  
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**9198873**

<b>Treatment Report</b>								
Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Nov 20,2014 07:30	Arrive On Location Remarks: On site waiting for top plug.	---	--	--	--	--	0.00
2	Nov 20,2014 07:40	Tailgate Meeting Remarks: On site.	---	--	--	--	--	0.00
3	Nov 20,2014 07:50	Rig In Remarks: Rigged in.	---	--	--	--	--	0.00
4	Nov 20,2014 08:00	Safety Meeting Remarks: Muster, 911 caller, nearest med., Amb. and driver, Location safety equipt., Job scope.	---	--	--	--	--	0.00
5	Nov 20,2014 08:30	Sign-off on Safety Remarks: Sign all JSAs.	---	--	--	--	--	0.00
6	Nov 20,2014 08:45	Pressure Test Remarks: Pressure test 2500 psi.	Water	--	2,500.0	--	--	0.00
7	Nov 20,2014 08:47	Establish Circulation Remarks: Establish Circ.	Water	0.60	100.0	--	5.00	5.00
8	Nov 20,2014 08:56	Mix Cement Remarks: Mix and pump 15.4 BBLs of cement @ 15.8 lb/gal.	0-1-0 G	1.50	50.0	--	15.40	20.40
9	Nov 20,2014 09:06	Displace Fluid Remarks: 1 BBL displacement.	Water	1.00	50.0	--	1.00	21.40
10	Nov 20,2014 09:07	Stop Remarks: Stop bleed back and rig off well.	---	--	30.0	--	--	21.40
11	Nov 20,2014 09:10	Wash Remarks: Wash mix system and runback on triplexes.	Water	2.00	170.0	--	10.00	31.40
12	Nov 20,2014 13:43	Pressure Test Remarks: Pressure test 2600 psi.	Water	--	2,600.0	--	--	31.40
13	Nov 20,2014 13:51	Mix Cement Remarks: Mix and pump 13.3 BBLs of cement @ 15.8 lb/gal.	0-1-0 G	2.00	50.0	--	13.30	44.70
14	Nov 20,2014 13:57	Displace Fluid Remarks: Displace .5 BBL of water.	Water	1.00	70.0	--	0.50	45.20
15	Nov 20,2014 13:58	Stop Remarks: Stop bleed back and rig off well.	---	--	70.0	--	--	45.20
16	Nov 20,2014 14:05	Wash Remarks: Wash mix system and runbacks on triplexes.	Water	2.00	170.0	--	10.00	55.20
17	Nov 20,2014 18:04	Pressure Test Remarks: Pressure test 650 psi..	---	--	650.0	--	--	0.00
18	Nov 20,2014 18:05	Establish Circulation Remarks: Establish circulation.	Water	1.00	50.0	--	1.00	0.00
19	Nov 20,2014 18:12	Mix Cement Remarks: Mix and pump 11 BBLs of cement @ 15.8 lb/gal..	0-1-0 G	1.00	20.0	--	11.00	0.00
20	Nov 20,2014 18:27	Displace Fluid Remarks: Displace .25 BBL of water.	Water	1.00	15.0	--	0.25	0.00
21	Nov 20,2014 18:28	Stop Remarks: Stop and rig off well.	---	--	0.0	--	--	0.00
22	Nov 20,2014 18:35	Wash Remarks: Wash mix system and runbacks on triplexes.	Water	2.00	170.0	--	15.00	0.00



**Pumping  
Service Report**

**9198873**

**Treatment Report**

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> <u>(bbl/min)</u>	<u>Tubular Pressure</u> <u>(psi)</u>	<u>Annular Pressure</u> <u>(psi)</u>	<u>Stage Volume</u> <u>(bbl)</u>	<u>Total Volume</u> <u>(bbl)</u>
23	Nov 20,2014 19:00	STEACS Briefing Remarks: Revisit JSA.	---	--	--	--	--	0.00
24	Nov 20,2014 19:10	Rig Out Remarks: Rig down iron.	---	--	--	--	--	0.00
25	Nov 20,2014 19:20	Job Complete Remarks: job complete.	---	--	--	--	--	0.00
26	Nov 20,2014 19:21	Pre-Departure Meeting Remarks: Journey management.	---	--	--	--	--	0.00
27	Nov 20,2014 19:30	Leave Location Remarks: Leave	---	--	--	--	--	0.00

Did Float Hold: Not Applicable  
Fluid Returns : Yes  
Type : Cement  
Volume (bbl) : 2  
Temperature (°F) : 87  
FDAS Functioning Correctly : Yes  
Was the Program Followed As Per Design? : Yes

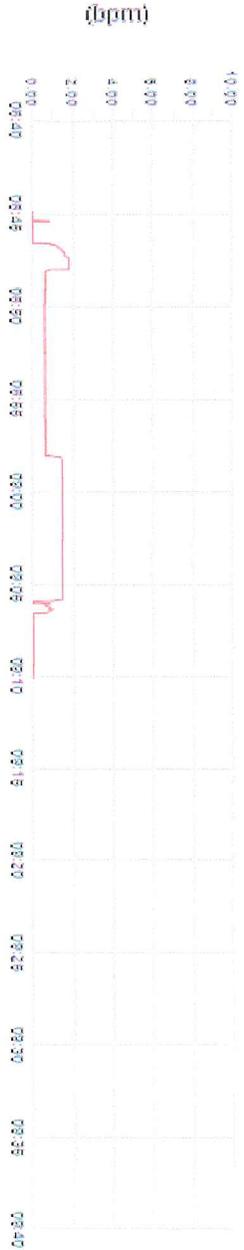
**Material Transfer Sheet Number**

Material Transfer Sheet Number  
54203  
54060

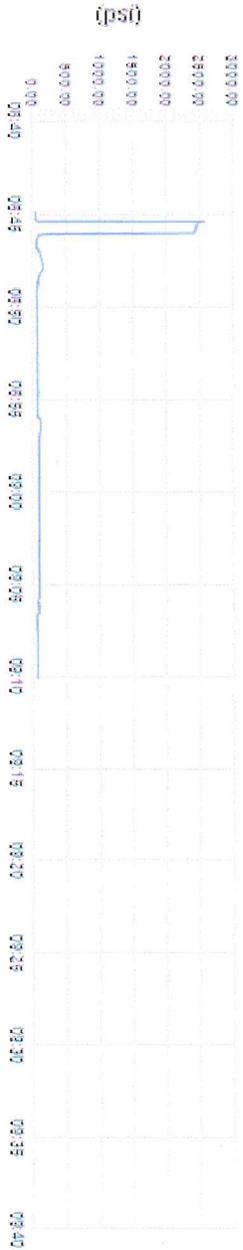


Client	Bill Barrett Inc.	Client Rep	Mr. Johnny Dameron	Supervisor	Bennie Contreras
Ticket No.	9198873	Wall Name	Boin #1	Unit No.	745024
Location	Sec18-T6N-R61W	Job Type	Abandonment Plugs	Service District	Fort Lupton
Comments	75 sacks 0-1-0 G @ 15.8 lb/gal.			Job Date	11/20/2014

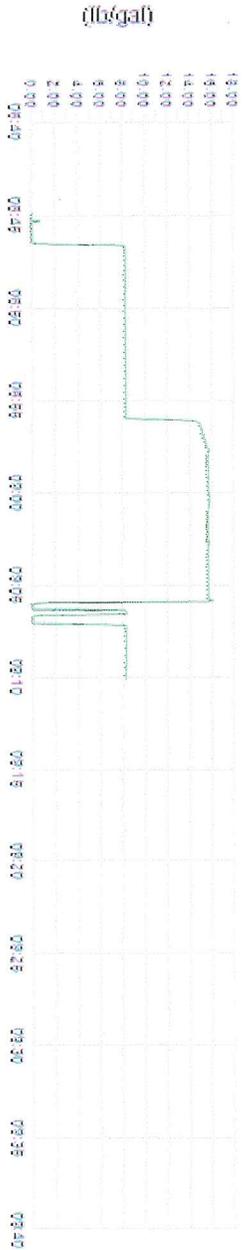
Unit 745024 Rate Total



Unit 745024 Pump Pressure

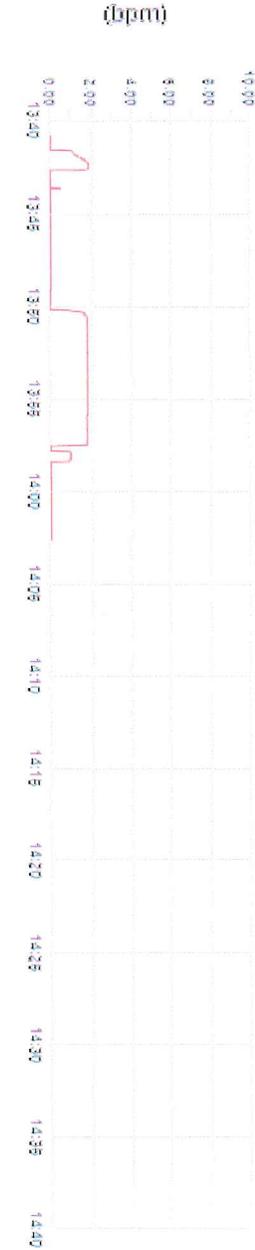


Unit 745024 Density



Client	Bill Barrett Inc.	Client Rep	Mr. Johnny Darron	Supervisor	Bennie Contreras
Ticket No.	9198873	Well Name	Bohin #1	Unit No.	745024
Location	Sec18:T6N:R61W	Job Type	Abandonment Plugs	Service District	Fort Lupton
Comments	65 sacks 0-1-0 G @ 15.8 lb/gal.			Job Date	11/20/2014

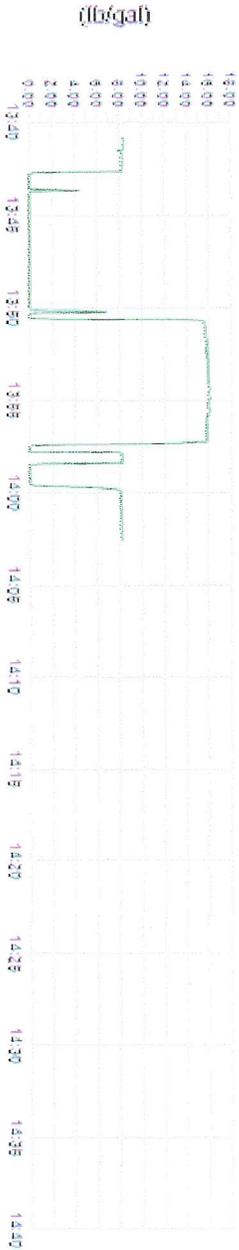
Unit 745024 Rate Total



Unit 745024 Pump Pressure



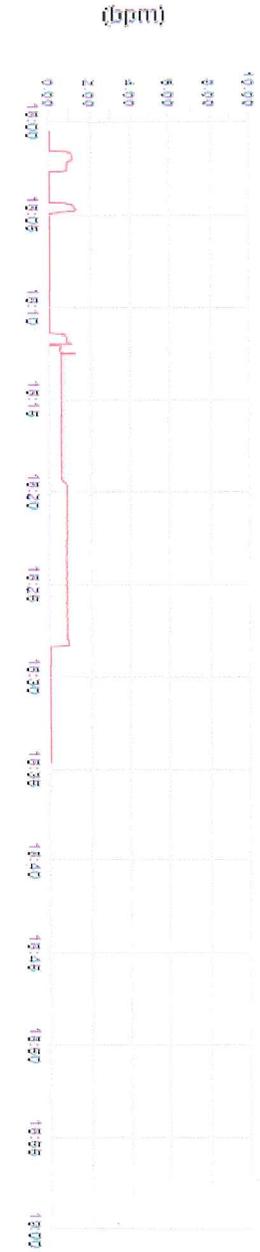
Unit 745024 Density





Client	Bill Barrett Inc.	Client Rep	Mr. Johnny Darron	Supervisor	Bennie Contreras
Ticket No.	9198873	Well Name	Bojin #1	Unit No.	745024
Location	Sec18:T6N:R61W	Job Type	Abandonment Plugs	Service District	Fort Lupton
Comments	55 sacks 0-1-0 G @ 15.8 lb/gal.			Job Date	11/20/2014

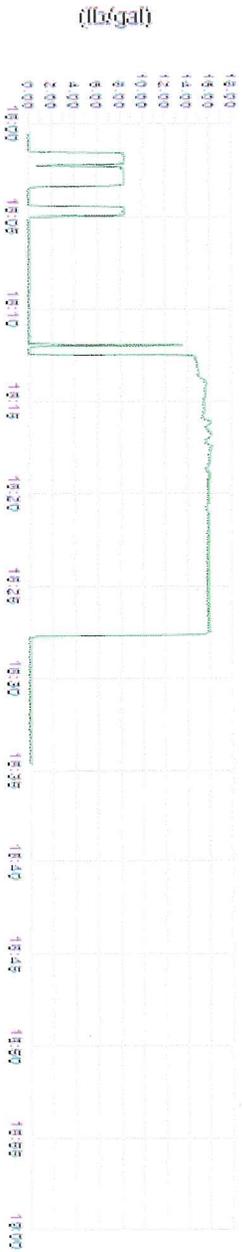
Unit 745024 Rate Total



Unit 745024 Pump Pressure



Unit 745024 Density





**Service Ticket**

**9198872**

**Field Estimate**

Client Name <b>Bill Barrett Inc</b>			Well Name <b>Bolin #1</b>		Surface Well Location <b>NW NW Sec 18:T6N:R61W</b>		Job Date <b>November 20, 2014</b>	
			Job Type <b>Abandonment Plugs</b>		Down Hole Location		Service Point <b>Fort Lupton</b>	Call Sheet <b>1050679</b>
Address <b>Suite 170, 1901 Energy Court</b>			Client Representative <b>Mr. Johnny Damron</b>		State <b>CO</b>	County <b>Weld</b>	Pricing Area <b>Area U</b>	
City <b>Gillette</b>	State <b>WY</b>	Postal Code <b>82718</b>	Drilling Company <b>Concord Well Servicing</b>		Rig No. <b>14</b>		AFE/PO #	

District	Service, Equipment & Material Type	Disc	12	Code	Quantity/Unit	Unit Price	Amount
59	Travel Charge	50	12	1380	1	\$7.50	\$450.00
59	Service Charge 2001 to 3000 ft	50	12	1102	1	\$4,700.00	\$4,700.00
59	Twin Pumping	50	12	1150	1	\$1,460.00	\$1,460.00
59	Handling Service Charge Min	50	12	1481	1	\$470.00	\$470.00
59	Bulk Delivery / Return Minimum	50	12	1485	1	\$1,095.00	\$1,095.00
59	SAM Unit	50	12	1497	1	\$1,015.00	\$1,015.00
59	OWG	50	12	3000	50	\$30.00	\$1,500.00
59	OWG	50	12	3000	90	\$30.00	\$2,700.00
59	Sugar	-	12	3265	100	\$2.00	\$200.00 *
59	EnviroBag	50	12	1492	1	\$78.00	\$78.00
59	DF-3, Anti-foamer	50	12	3262	5	\$141.00	\$705.00
59	Environmental Surcharge	-	12	1493	1	\$50.00	\$50.00 *
59	Fuel Surcharge	-	12	2992	2	\$480.00	\$960.00 *
59	Calcium Chloride	50	12	3100	100	\$1.80	\$180.00

				* Not Subject to Discount		Field Estimate		Before Discount: <b>\$15,563.00</b>	
								Fuel Surcharge:	
								After Discount: <b>\$8,386.50</b>	
FOR OFFICE USE ONLY									
<input type="checkbox"/> Cementing - Prim		<input checked="" type="checkbox"/>		Cementing -Rem.		<input type="checkbox"/>		Code 9000	
<input type="checkbox"/> Coiled Tubing		<input type="checkbox"/>		Nitrogen		<input type="checkbox"/>			
<input type="checkbox"/> Acidization		<input type="checkbox"/>		Fracturing		<input type="checkbox"/>			
<input type="checkbox"/> Industrial Services		<input type="checkbox"/>		MPCT		<input type="checkbox"/>			
<input type="checkbox"/> Other		<input type="checkbox"/>				<input type="checkbox"/>			
This Space Reserved for Client Coding Stamp				Field		Sales 1		Sales 2	
Comments Job went good, Pumped job per customers request Crew did a great job.						This service ticket is not an invoice; pricing is subject to review and change without notice. This signature confirms that I have read and comply with the terms and conditions page of this service ticket.  X			

## General Terms and Conditions

Under these terms and conditions ("T&Cs") Sanjel (USA) Inc. ("Sanjel") agrees to provide, and you agree to purchase, the goods and services in the attached proposal or work order ("goods," "services" or "goods and services"). You understand and agree that the T&Cs govern and control the provision of all goods or services Sanjel provides to you, including any goods or services Sanjel provides or performs under written or oral requests for goods or services. You accept the T&Cs by informing Sanjel or allowing Sanjel to provide goods and services, whichever is first. You cannot change the T&Cs, and Sanjel rejects any proposals on your forms or otherwise. When used in the T&Cs, "we," "us," and "our" refer to both you and Sanjel, collectively.

1. **Entire Agreement.** If we have signed an agreement applicable to the goods and services, that agreement will apply and the T&Cs do not. If no signed agreement exists between us, the T&Cs are our entire agreement for the goods and services, and no prior discussion, agreement, conduct, or industry practice will affect them. The T&Cs may not be changed, superseded or replaced by any other agreement (including any terms in a purchase order, service order, invoice or other similar document) unless specifically agreed by each of us in writing.

2. **Acknowledgment.** You understand that interpretations, research, analysis, advice or interpretational data furnished by Sanjel ("Recommendations") are opinions based on inferences from measurements, empirical relationships and assumptions and industry practice and that Recommendations are not infallible, and the opinions of professional geologists, engineers, drilling consultants and analysts may differ. Sanjel does not warrant the accuracy, correctness, or completeness of the Recommendations, or that your or any third party's reliance on the Recommendations will accomplish any particular results. You assume full responsibility for the use of and decisions based on the Recommendations, and you hereby agree to release, defend, indemnify and hold Sanjel harmless from Claims arising from the use of the Recommendations.

3. **Payment.** You will pay Sanjel at the rates in the applicable proposal or work order (which are good for 90 days) in US dollars within 30 days of performance or a correct invoice, whichever is later. Sanjel may charge interest at 18% per year on all overdue amounts, and you will bear all costs of collection of overdue accounts, including legal fees.

4. **Services.** You acknowledge and agree that the services Sanjel may perform are of such a nature that results cannot be guaranteed, and Sanjel makes no representations, warranties or guarantees with respect to the results of the services. Sanjel's only warranty with regard to the services is that they will conform to the material aspects of the applicable scope of work.

5. **Goods.** Sanjel may provide goods to you under the T&Cs or in connection with the services. Sanjel warrants that goods will (a) substantially conform to the applicable scope of work (b) be free of defects and of good quality and workmanship, and (c) not be subject to any liens, claims or encumbrances. There are no warranties, express or implied, of merchantability, use, and fitness that extend beyond those expressly stated herein.

6. **Warranty Remedies.** Sanjel will re-perform any non-conforming services if Sanjel is notified before leaving the work site, and will repair or replace any non-conforming or defective goods you notify Sanjel of within 30 days after Sanjel provided them to you free of charge. If Sanjel is unable to repair the non-conforming services, Sanjel will reimburse you for costs of a third party to repair such services, up to 10% of the original work order for such services. If fishing services are required to retrieve goods, Sanjel may specify the provider and be present during recovery. The remedies will not apply if damage is caused by: (i) your failure to properly store or maintain the goods, (ii) abnormal well conditions, abrasive materials, corrosion due to aggressive fluids or incorrect specifications, (iii) unauthorized alteration or repair of the goods, (iv) loss of goods while on your site due to your or any third party's negligence, vandalism or force majeure, (v) Sanjel's lack of or incorrect information regarding well conditions, or (vi) use or handling of the goods in a manner inconsistent with Sanjel's recommendations. Sanjel's warranty obligations will terminate if you fail to perform your obligations, including your failure to pay on time.

7. **Delay and Cancellation.** If Sanjel cannot provide goods or services to you due to circumstances beyond its control, Sanjel may charge you actual costs incurred, including but not limited to: mileage; blending; materials (including handling and hauling); return delivery and restocking charges; and all location time in excess of the location time allowance. Orders for goods or services that you cancel after Sanjel has procured the required materials may be subject to a 25% restocking fee. If Sanjel provides materials to your specifications and you cancel for any reason (including an uncontrollable event) you will be charged a cancellation fee plus actual costs incurred as a result of such cancellation.

8. **Taxes.** Prices are exclusive of any municipal, state, federal, special or use taxes or levies imposed on the sale of goods or services. You will be responsible for all

taxes applicable to the provision of the goods or services.

9. **Additional Services Requests.** You will pay for services, equipment or materials not listed in a proposal but purchased or rented by Sanjel at your request at cost plus 25%. Sanjel has no liability to you for such services, equipment or materials.

10. **Proprietary Rights.** You acknowledge that any intellectual property Sanjel uses in connection with the T&Cs, or that is created or developed by Sanjel in the course of performing under the T&Cs, is the property of Sanjel at all times, and you understand that you are not entitled to any intellectual property rights in any of Sanjel's intellectual property, except as required to receive the benefit of the goods or services.

11. **Confidentiality.** Any non-public information that we learn about each other in connection with the T&Cs, including our relationship, is confidential information of the disclosing party, and neither of us may disclose confidential information of the other to any third party without the prior written consent of the disclosing party. We may each use confidential information of the other to perform under the T&Cs, and may share it only on a need-to-know basis with employees.

12. **Indemnity.** (A) Subject to Section 12(b) below, each of us ("Indemnitor") hereby agrees to release, defend, indemnify and hold the other, its affiliates, officers, directors, agents, partners, joint venturers, employees and contractors of every tier ("Indemnitee Group") harmless for all losses, claims, demands, causes of action, costs and expenses (including reasonable legal fees) (collectively, "Claims"), for personal injury, death and property damage to Indemnitor, its affiliates, officers, directors, agents, partners, joint venturers, employees and contractors of every tier arising out of or incident to the T&Cs or any goods or services provided hereunder, without regard to whether such Claim is caused, in whole or in part, by the negligence (whether sole, joint or concurrent, active or passive), contractual liability or other fault of any member of the Indemnitee Group or by any defect or pre-existing condition (whether known or unknown, patent or otherwise). (B) You hereby agree to release, defend, indemnify and hold Sanjel harmless for any Claims Sanjel may suffer or incur arising out of or incident to: well blowout or any uncontrolled well condition, fire, cratering, redrill or sidetracking, seepage or reservoir damage, loss or damage to the hole, pollution and contamination (except sudden and accidental pollution originating above the service of the earth and emanating from Sanjel's equipment while in Sanjel's care, custody and control), and loss or damage to Sanjel's (or its contractors') equipment while down the hole at new replacement value; even if caused in whole or in part by the sole, joint or concurrent negligence or other fault of Sanjel or any other person.

13. **Consequential Damages Exclusion:** Notwithstanding anything to the contrary, neither of us will be liable to the other for business interruptions, punitive, indirect or consequential damages relating to the goods or services (including but not limited to any loss of profit, loss of expected revenue, loss of hydrocarbons or loss of rig time).

14. **Disposal of Chemicals.** You will arrange and be responsible for the disposal of any used chemicals and hazardous materials related to the goods or services.

15. **Insurance.** Each of us will maintain, at its own cost, commercial general liability insurance covering its indemnification obligations under the T&Cs with combined single limits of at least \$5,000,000 per occurrence and in the aggregate, worker's compensation coverage as and in amounts required by applicable law, and automobile liability coverage with a combined single limit of \$2,000,000. We will obtain insurance from carriers with A.M. Best ratings of at least A-VII (or equivalent), ensure the other party is named as an additional insured, and ensure that our carriers waive rights of subrogation against the other party.

16. **Uncontrollable Events.** Except for payment obligations, if either of us is unable to comply with the T&Cs because of events beyond our reasonable control, we will promptly notify the other in writing and will make reasonable efforts to restore our ability to perform as soon as possible. If the inability to perform continues for more than 10 days, the other party may cancel the applicable job immediately, by giving written notice to the affected party.

17. **Waiver.** Failure to enforce any or all of the T&Cs will not relieve either party of its rights or obligations or constitute a waiver or prevent further enforcement.

18. **Assignment.** You will not assign any of your rights or obligations under this PO without Sanjel's approval, which Sanjel may not unreasonably withhold. Any assignment in violation of this provision will be null and void.

19. **Governing Law.** We agree that the laws of the State of Colorado govern the T&Cs, without the application of choice of law rules. Each of us voluntarily submits to the jurisdiction and venue of the federal or state courts (as applicable) of the State of Colorado for the adjudication of all disputes under the T&Cs.

April 2014



**Pumping  
Service Report**

**9198872**

Client Name Bill Barrett Inc	Well Name Bolin #1	Rig Concord Well Servicing 14	Job Date November 20,2014	Call Sheet 1050679
Client Representative Mr. Johnny Damron	Surface Well Location NW NW Sec 18:T6N:R61W	Down Hole Well Location	Job Type Abandonment Plugs	

**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):	--- @ --

Open Hole						
	<u>Size (in)</u>	<u>Excess (%)</u>	<u>TMD From (ft)</u>	<u>TMD To (ft)</u>	<u>TVD From (ft)</u>	<u>TVD To (ft)</u>
	7.875	--	381.000	2,503.000	--	--

Casing										
	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Internal Yield Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>
	(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
	10.750	40.500	J-55	1,580.0	3,130.0	37.38	10.050	11.750	0.0	381.0

Tubing										
	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>	
	(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)	
	2.875	6.400	P-105	14,010.000	14.490	2.441	3.500	0.000	2,503.000	
	2.875	6.400	P-105	14,010.000	2.520	2.441	3.500	0.000	435.000	

**Products**

Plug 1	
From Depth (ft):	2307
To Depth (ft):	2503
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 50 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 10.2 (bbl)	
Water Temperature(°F) = 90 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 88	
Plug 2	
From Depth (ft):	222
To Depth (ft):	435
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 90 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 18.4 (bbl)	
Water Temperature(°F) = 90 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 88	

**Fluid & Cement Data**

Expected Cement Top:	--				
Wellbore Fluid					
<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	--	8.400	--	--	Nov 18, 2014 19:47



**Pumping  
Service Report**

**9198872**

**Units & Personnel**

<b>Units</b>							
<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>
200868	PICKUP	3/4 Ton	449086	TRAILER	Utility Trailer	11/19/2014 23:00	11/20/2014 07:30
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	11/19/2014 23:00	11/20/2014 07:30
446152	TRAILER	Bulker	746152	TRACTOR	Tandem - Tractor	11/19/2014 23:00	11/20/2014 07:30

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Faircloth, Branden	11/19/2014 23:00	11/20/2014 07:30		
Contreras, Bennie	11/19/2014 23:00	11/20/2014 07:30		
Hansen, Ted	11/19/2014 23:00	11/20/2014 07:30		
Houghton, Guy	11/19/2014 23:00	11/20/2014 07:30		

**Treatment Reports & Remarks**

**Treatment Report**

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (bbl)
1	Nov 19,2014 23:00	Arrive On Location Remarks: Arrived.	---	--	--	--	--	0.00
2	Nov 19,2014 23:10	Tailgate Meeting Remarks: Talked about spotting trucks and rigging in.	---	--	--	--	--	0.00
3	Nov 19,2014 23:30	Rig In Remarks: Rigged in.	---	--	--	--	--	0.00
4	Nov 19,2014 23:45	Safety Meeting Remarks: Muster, Nearest med., 911 caller, Amb. and driver, Location safety equipt., Job scope.	---	--	--	--	--	0.00
5	Nov 20,2014 00:15	Sign-off on Safety Remarks: Sign all JSAs.	---	--	--	--	--	0.00
6	Nov 20,2014 00:47	Pressure Test Remarks: Pressure test 3000 psi.	Water	--	3,000.0	--	--	0.00
7	Nov 20,2014 00:56	Establish Circulation Remarks: Establish circ. 7 BBLs.	Water	2.00	20.0	--	7.00	7.00
8	Nov 20,2014 01:02	Mix Cement Remarks: 10.2 BBLs of cement @ 15.8 lb/gal.	0-1-0 G	1.50	30.0	--	10.20	17.20
9	Nov 20,2014 01:18	Displace Fluid Remarks: Displace 13 BBLs of water.	Water	1.50	60.0	--	13.00	30.20
10	Nov 20,2014 01:26	Stop Remarks: Stop and rig off well.	---	--	0.0	--	--	30.20
11	Nov 20,2014 01:35	Wash Remarks: Wash mix system and runbacks on triplexes.	Water	2.00	170.0	--	10.00	40.20
12	Nov 20,2014 05:31	Pressure Test Remarks: Pressure test 2200 psi.	Water	--	2,200.0	--	--	40.20
13	Nov 20,2014 05:32	Establish Circulation Remarks: Establish circulation.	Water	2.00	200.0	--	11.00	51.20



Pumping  
Service Report

9198872

**Treatment Report**

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
14	Nov 20,2014 05:47	Mix Cement Remarks: Mix and pump 18.4 BBLs of cement @ 15.8 lb/gal.	0-1-0 G	1.80	100.0	--	18.40	69.60
15	Nov 20,2014 05:57	Displace Fluid Remarks: Displaced 1 BBL of water.	Water	1.00	70.0	--	1.00	70.60
16	Nov 20,2014 05:58	Stop Remarks: Stop and rigged off well.	---	--	0.0	--	--	70.60
17	Nov 20,2014 06:05	Wash Remarks: Wash mix system and runbacks on triplexes.	Water	2.00	170.0	--	15.00	85.60
18	Nov 20,2014 06:45	STEACS Briefing Remarks: Revisit JSA.	---	--	--	--	--	85.60
19	Nov 20,2014 06:59	Rig Out Remarks: Wait on top plug.	---	--	--	--	--	85.60
20	Nov 20,2014 07:10	Job Complete Remarks: Waiting on top plug.	---	--	--	--	--	85.60
21	Nov 20,2014 07:11	Pre-Departure Meeting Remarks: Wait on top plug.	---	--	--	--	--	85.60
22	Nov 20,2014 07:30	Leave Location Remarks: Wait on top plug.	---	--	--	--	--	85.60

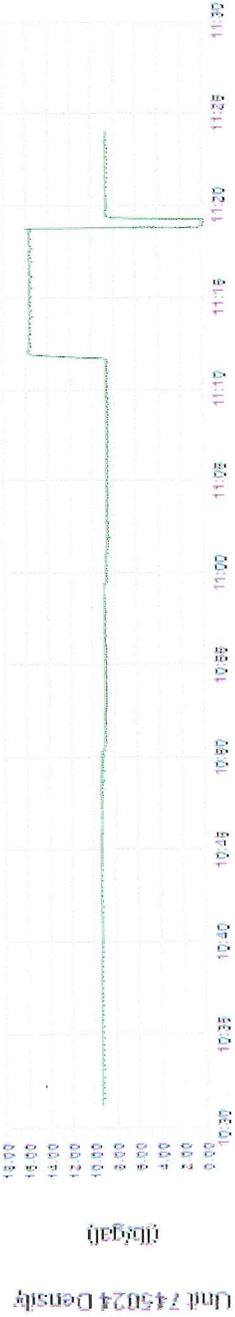
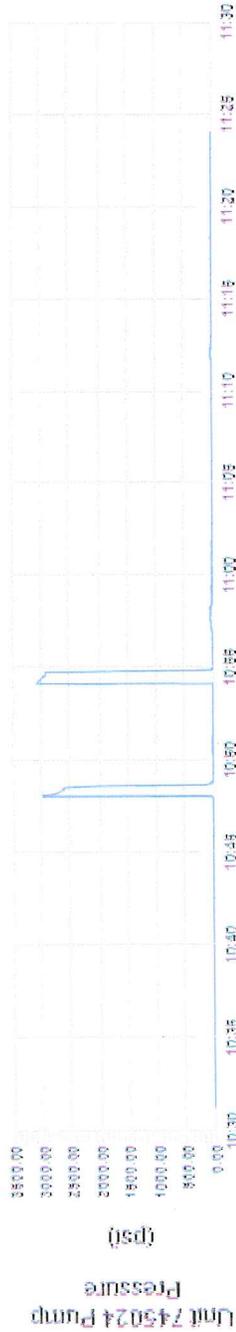
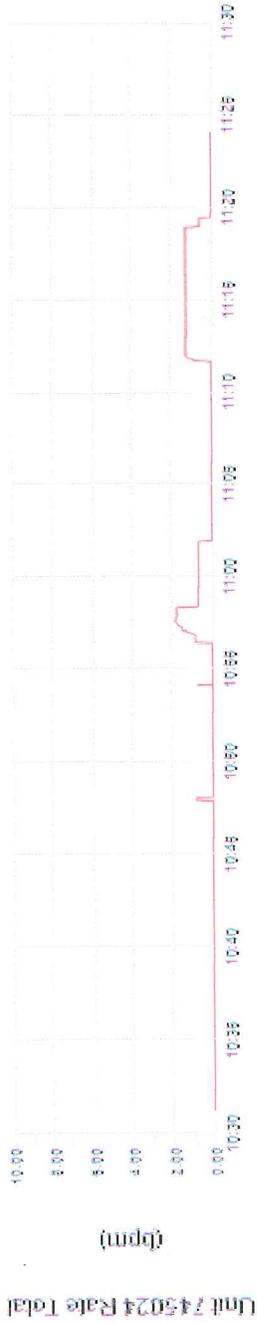
Did Float Hold: Not Applicable  
Fluid Returns : No  
Type :  
Volume (bbl) :  
Temperature (°F) : --  
FDAS Functioning Correctly : Yes  
Was the Program Followed As Per Design? : Yes

**Material Transfer Sheet Number**

Material Transfer Sheet Number  
54024  
54023



Client	Whiting Petroleum Corp.	Client Rep	Mr. Dave Norris	Supervisor	Bennie Contreras
Ticket No.	9198871	Well Name	Motis 2	Unit No.	745024
Location	Sec 1:T9N:R58W	Job Type	Abandonment Plugs	Service District	Fort Lupton
Comments	45 sacks 0-1-0 G @ 15.8 lb/gal.			Job Date	11/19/2014





Client	Bill Barrett Inc.	Client Rep	Mr. Johnny Damron	Supervisor	Bennie Contreras
Ticket No.	9198872	Well Name	Bolin #1	Unit No.	745024
Location	Sec18:T6N;R61W	Job Type	Abandonment Plugs	Service District	Fort Lupton
Comments	75 sacks 0-1-0 G @ 15.8 lb/gal.				
				Job Date	11/20/2014

