



Pumping
Service Report

9200685

Client Name Bill Barrett Inc	Well Name Burke #1	Rig Concord Well Servicing 14	Job Date November 30, 2014	Call Sheet 1051284
Client Representative Mr. Bruce	Surface Well Location NW NW Sec 35:T5N: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	25.000	202.000	2,499.000	--	--

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)
	8.625	20.000	J-55	--	--	--	--	--	0.0	202.0

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	7.900	J-55	--	--	--	--	0.000	2,499.000

Products

Plug 1

From Depth (ft): 2295
To Depth (ft): 2499
Plug Type : Abandonment
Acids/Blends/Fluids :
Tail: 75 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 15 (bbl)
Water Temperature(°F) = 54 , Bulk Temperature(°F) = 25 , Slurry Temperature(°F) = 67
+ 2 % of CaCl2 (Prehydrate)

Plug 2

From Depth (ft): 0
To Depth (ft): 252
Plug Type : Abandonment
Acids/Blends/Fluids :
Tail: 75 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 15 (bbl)
Water Temperature(°F) = 54 , Bulk Temperature(°F) = 25 , Slurry Temperature(°F) = 67
+ 2 % of CaCl2 (Prehydrate)

Fluid & Cement Data

Expected Cement Top:	Surface				
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



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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>
201274	PICKUP	3/4 Ton				11/30/2014 18:00	12/01/2014 04:30
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	11/30/2014 18:00	12/01/2014 04:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Schneider, Patrick	11/30/2014 18:00	12/01/2014 04:30		
Houghton, Guy	11/30/2014 18:00	12/01/2014 04:30		
Barden, Sean	11/30/2014 18:00	12/01/2014 04:30		
Teegerstrom, Ty	11/30/2014 18:00	12/01/2014 04:30		

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	Nov 30,2014 18:00	Arrive On Location	---	--	--	--	--	0.00
2	Nov 30,2014 18:05	STEACS Briefing	---	--	--	--	--	0.00
		Remarks: discussed lease hazards and rig in procedures						
3	Nov 30,2014 18:30	Rig In	---	--	--	--	--	0.00
4	Nov 30,2014 19:00	Safety Meeting	---	--	--	--	--	0.00
5	Nov 30,2014 19:25	Sign-off on Safety	---	--	--	--	--	0.00
6	Nov 30,2014 19:29	Start - Fluid	Water	1.50	--	--	2.00	2.00
		Remarks: filled lines						
7	Nov 30,2014 19:36	Pressure Test Lines	Water	--	3,000.0	--	--	2.00
		Remarks: good pressure test						
8	Nov 30,2014 19:38	Pump Preflush	Water	2.00	300.0	--	10.00	12.00
		Remarks: fresh water preflush						
9	Nov 30,2014 19:44	Mix Cement	0-1-0 G	1.50	100.0	--	15.00	27.00
		Remarks: tail cement @ 15.8 ppg yield = 1.15 h2o req = 4.98						
10	Nov 30,2014 19:57	Displace Fluid	Water	3.00	150.0	--	11.50	38.50
		Remarks: displaced to balance						
11	Nov 30,2014 20:00	Balance Plug	---	--	0.0	--	--	38.50
12	Nov 30,2014 20:05	Wait on Cement	---	--	--	--	--	0.00
		Remarks: waited 4 hours to tag cement						
13	Dec 01,2014 03:15	Start - Fluid	Water	1.50	50.0	--	2.00	2.00
		Remarks: filled lines						
14	Dec 01,2014 03:17	Pressure Test Lines	Water	--	3,000.0	--	--	2.00
		Remarks: good pressure test						
15	Dec 01,2014 03:19	Pump Preflush	Water	2.00	50.0	--	10.00	12.00
		Remarks: fresh water preflush						
16	Dec 01,2014 03:23	Mix Cement	0-1-0 G	1.50	50.0	--	15.00	27.00
		Remarks: tail cement @ 15.8 ppg yield = 1.15 h2o req = 4.98						
17	Dec 01,2014 03:34	Displace Fluid	Water	2.00	75.0	--	1.50	28.50
		Remarks: displaced to balance						
18	Dec 01,2014 03:35	Balance Plug	---	--	0.0	--	--	28.50
19	Dec 01,2014 03:40	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: revisited JSA						
20	Dec 01,2014 03:45	Rig Out	---	--	--	--	--	0.00
21	Dec 01,2014 04:00	Wash	---	--	--	--	--	0.00
		Remarks: washed out pumps and lines						
22	Dec 01,2014 04:15	Job Complete	---	--	--	--	--	0.00
23	Dec 01,2014 04:20	Pre-Departure Meeting	---	--	--	--	--	0.00
24	Dec 01,2014 04:30	Leave Location	---	--	--	--	--	0.00



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Treatment Reports & Remarks

Did Float Hold: Not Applicable
Fluid Returns : Yes
Type : Water
Volume (bbl) : 5
Temperature (°F) : 60
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

54195

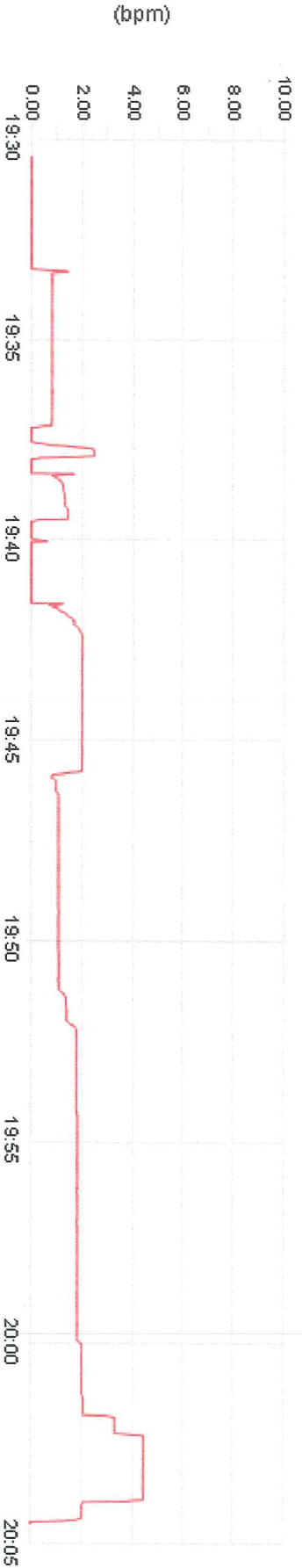
54196

Comments To Service Report

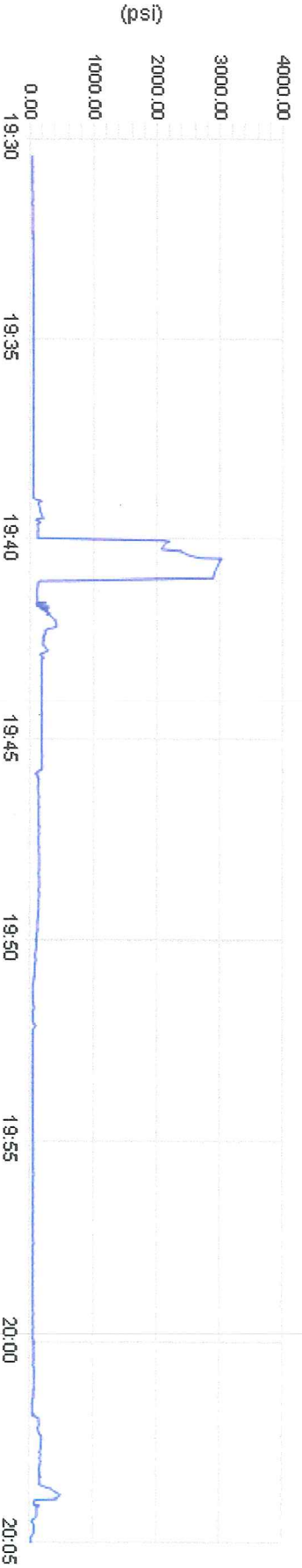
arrived on location, STEACS briefing held, spotted trucks, rigged in, safety meeting held, filled lines and pressure tested to 3,000 psi, pumped 10 bbl fresh water preflush, pumped 15 bbl cement @ 15.8 ppg, displaced 11.5 bbl water to balance, waited on cement for 4 hrs, rig tagged cement, filled lines and pressure tested to 3,000 psi, pumped 10 bbl fresh water preflush, pumped 15 bbl cement @ 15.8 ppg, displaced 1.5 bbl water to balance, tailgate meeting held, rigged out, washed pumps and lines, pre departure meeting held, leave location.

Client	Bill Barrett	Client Rep	Mike	Supervisor	Pat Schneider
Ticket No.	9200685	Well Name	Burke #1	Unit No.	445047
Location	Sec. 35 - T5N - R61W	Job Type	Abandonment Plugs	Service District	Ft. Lupton
Comments	75 sks 0.1:0 'G' + 2% CaCl ₂ @ 15.8 ppg			Job Date	11/30/2014

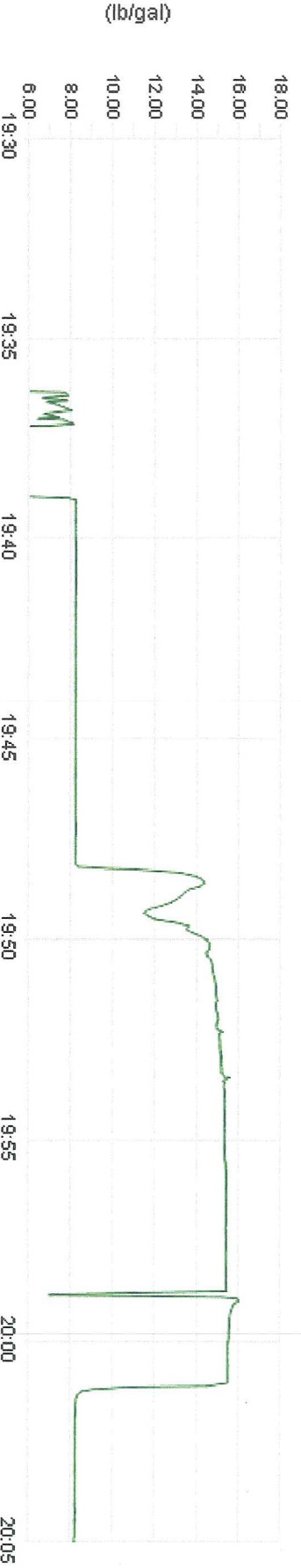
Unit 445047 Rate Total



Unit 445047 Pump Pressure



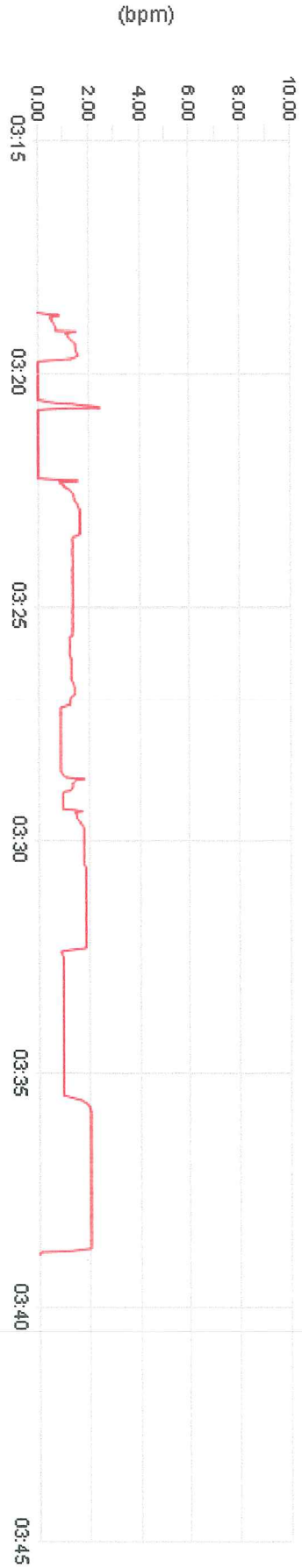
Unit 445047 Density



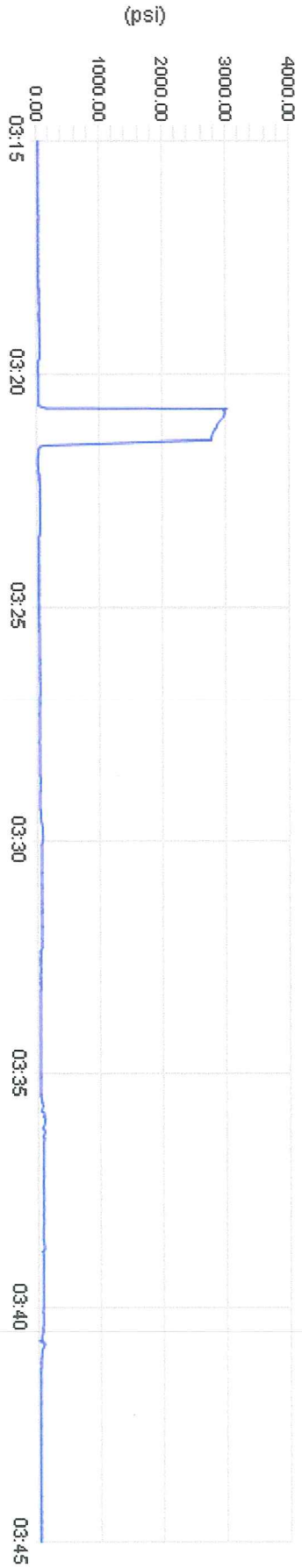


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Ticket No.	9200685	Well Name	Burke #1	Unit No.	445047
Location	Sec. 35 - T5N - R61W	Job Type	Abandonment Plugs	Service District	Ft. Lupton
Comments	75 sks 0.1:0 G ⁺ + 2% CaCl ₂ @ 15.8 ppg				Job Date 11/30/2014

Unit 445047 Rate Total



Unit 445047 Pump Pressure



Unit 445047 Density

