

## SALES ORDER # C5CO3000

**CUSTOMER:**

Petroleum Development Corp  
1775 Sherman Street, Suite 3000  
Denver, CO 80203

Remit to: 3883 Airway Drive, Suite 340  
Santa Rosa, CA 95403  
530.476.3333 phone 530.476.3347 fax

Order Type: Cementing Services  
Well Name: Mobly State 41-16  
Company Code: NA  
Customer PO No.: NA  
Shipping Point: Weld County, Colorado  
Well Type: oil  
Well Category: PTA  
Payment Terms: Net 30 Days

**Ship To**

Well Name: Mobly State 41-16  
Location: Weld County, Colorado  
City/Zip: Ault 80610  
API #: 05-123-07340  
Legal: Sec. 16 T7N R66W

Sales Order Date: January 13, 2015

Version # 1

Mtrl Nbr	Tax	Description	Qty	UOM	Unit Price	Gross Amt	Discount	Net Amt
		<b>Pumping Charge</b>						
		Pump Charge to 6,000' - 7,000' ft, first 8 hrs	1	EA	6500.00	6500.00	3250.00	3250.00
		Cementing Equipment Additional Hours *	12	HR	1050.00	12600.00	6300.00	6300.00
		<b>Ridge Cementing Setup</b>	1	EA	2240.00	2240.00	662.50	1577.50
		<b>Ridege Cementing Mileage</b>	1	Unit	369.16	369.16	165.00	204.16
		<b>Ridge Cementing Delivery</b>	1	Unit	6722.33	6722.33	3305.80	3416.53
		<b>Cement/Flushes/Spacers</b>						
		Class G Cement	840	SK	31.25	26250.00	13125.00	13125.00
		RCR-300	58	LBS	10.43	604.94	302.47	302.47
		CaCl2	0	LBS	3.10	0.00	0.00	0.00
		RCR-300	58	LBS	10.43	604.94	302.47	302.47
		RXFlush	20	BBL	160.00	3200.00	1600.00	1600.00
		Sugar	100	LB	1.00	100.00	0.00	100.00
Base Estimate Net Total						58,586.43	29,013.24	29,573.19

Thank you very much.  
Ridge Cementing, Inc.

Customer Representative Signature

Print Name

Date

Sales Order Date: January 13, 2015

Version # 1

Mtrl Nbr	Tax	Description	Qty	UOM	Unit Price	Gross Amt	Discount	Net Amt
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If you would please take a moment and circle an answer for each question to help us improve our service to you:

- 1 Did we arrive on time ?      Yes      No
- 2 Did our crew perform to your expectations- safe and professional ?      Yes      No
- 3 Was the job executed to your satisfaction?      Yes      No

4 Comment section for additional improvement or concerns:

Please also include your contact information.

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**JOB SUMMARY**

JOB DATE	1/13-16/2015
SUPERVISOR	Matt Bulinski
CITY	Ault
SALES ORDER NUMBER	C5CO3000

CUSTOMER	P D C	CUSTOMER REP.	Phillip Alverado/Bernie Chavez	TICKET AMOUNT	\$29,573.19
WELL TYPE	W/O	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	Molbly State 41-16	SEC / TWIN / RING	16,7n,66w	API #	05-123-07340

EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES	EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES
Corey Barras	6	6304	22				
Jerome Chavez	28	6104/6208	22				
David Wellman	28	Transport					
Cody Burgess	6	6302/6108	22				
Matt Bulinski	19	6313	22				
Bob Hale	12.5	Transport					

DATE	1/13/2015	ON LOCATION	1/13/2015	JOB STARTED	1/14/2015	JOB COMPLETED	1/16/2015	LEAVE LOCATION	1/17/2015
TIME	12:00 PM		4:45 PM		12:23 PM		11:45 PM		12:45 AM

WELL TUBULAR DATA						CASING TOOLS AND ATTACHMENTS		
TUBULAR NAME	NEW/USED	WEIGHT	SIZE	FROM	TO	NAME	QTY	MAKE
Tubing	used	6.5	2.875"	0'	7050'			
Open Hole			10"	0'	7050'			
Surface Csg.	used	24	8.625	0'	230'			

BHST	° F	BHCT	° F	MUD TEMP IN	° F	MUD TEMP OUT	° F	CIRCULATION TIME	HR
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WELL TD	FT	CASING DEPTH	FT	SHOE JOINT	FT		
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JOB PROCEDURE AND MATERIALS							
STAGE	FLUID NAME	VOLUME (BBL)	BULK (SK)	FLUID DESCRIPTION	WATER REQ.	YIELD	DENSITY (PPG)
1	RX Flush	20		Pill			10
2	Displace	5		H2O			8.33
3	Shutdown						
4	G-Cmt	47	230	Cement with 2%Retarder	5	1.15	15.8
5	Displace	40		H2O			8.33
6	Shutdown						
7	G-Cmt	35.8		Cement with 2%Retarder	5	1.15	15.8
8	Displace	22.9		Mud			9.5
9	Shutdown						
10	G-Cmt	35.8		Cement	5	1.15	15.8
11	Displace	22.9		Mud			9.5
12	Shutdown						
13	G-Cmt	53	260	Cement	5	1.15	15.8
14	Displace	0.5		H2O			8.33
15	End Job						

OTHER JOB NOTES							

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE \_\_\_\_\_

SIGNATURE \_\_\_\_\_





# JOB LOG

JOB DATE

1/13-16/2015

CUSTOMER

P D C

CUSTOMER REP.

Phillip Alverado/Bernie Chavez

TICKET AMOUNT

\$29,573.19

SUPERVISOR

Matt Bulinski

WELL TYPE

W/O

STATE

Colorado

COUNTY

Weld

CITY

Ault

WELL NAME AND NUMBER

Molbly State 41-16

SEC / TWN / RNG

16,7n,66w

API #

05-123-07340

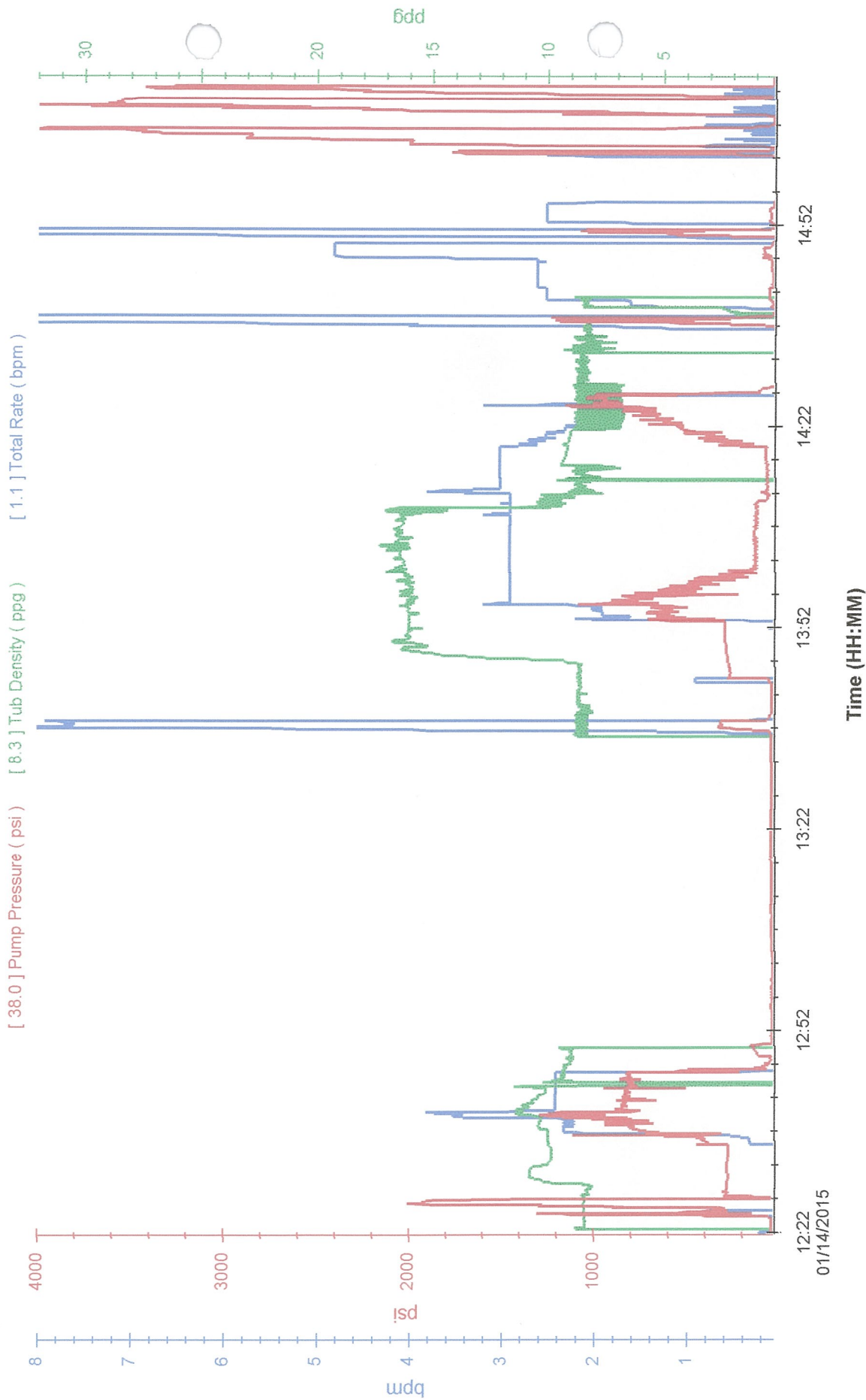
SALES ORDER NUMBER

C5CO3000

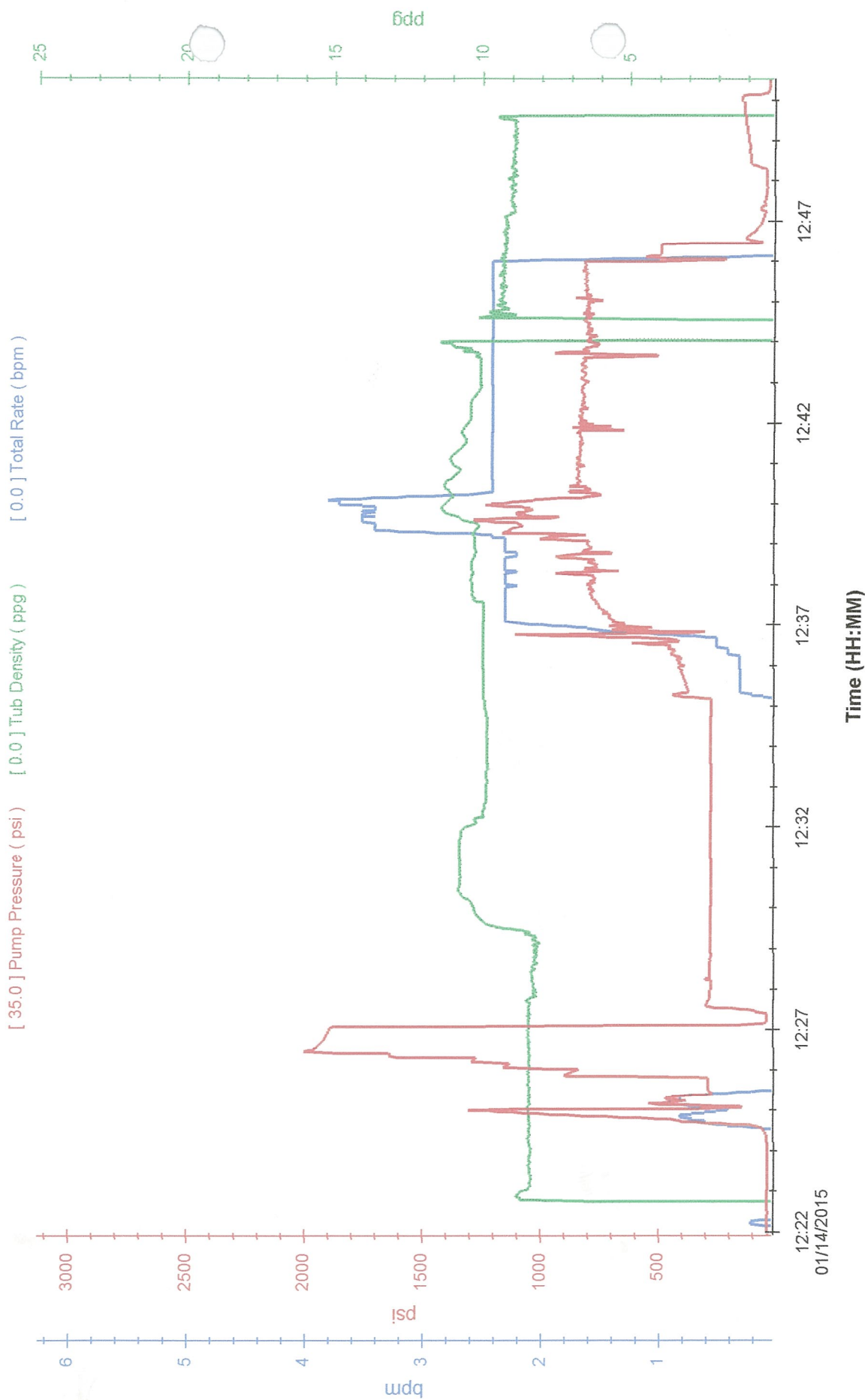
DATE	TIME	RATE (BPM)	VOLUME (BBL)	PRES (PSI)	REMARKS
01/13/15	4:45 PM				Arrive on location
01/13/15	5:00 PM				Rig up
01/13/15	6:15 PM				Rig up complete
01/13/15	11:15 PM				Rig stuck crew released
X	X	X	X	X	X X X X X X X
01/14/15	11:00 AM				Depart yard safety meeting
01/14/15	11:30 AM				Arrive to location
01/14/15	11:32 AM				JSA on rig up
01/14/15	11:45 AM				Rig up
01/14/15	12:10 PM				Rig up complete
01/14/15	12:15 PM				JSA with company man, rig crew, Ridge on pump schedule
01/14/15	12:23 PM				Start job
01/14/15	12:25 PM	0.5	0.5	2500	Pressure test 2500 PSI
01/14/15	12:35 PM	2.5	20	790	20bbls RX Flush at 10ppg verify by mud scales
01/14/15	12:44 PM	2.5	5	800	5bbls H2O displacement
01/14/15	12:46 PM				Shutdown
01/14/15	1:00 PM				Rig will circulate 1hr
01/14/15	1:52 PM	3	47	150	230sks G-cmt 15.8ppg, 1.15yield, 5.0gal/sk, with retarder, verify by scales
01/14/15	2:09 PM	3	40	100	Displacement, 100psi for 25bbls and last 15bbls at 900psi
01/14/15	2:25 PM				Shutdown
01/14/15	2:30 PM				Rig pull stands to 5500'
01/14/15	3:00 PM				Try to pump 20bbls SAP but tubing plugged off. Rig will pull stands to find plug off.
01/14/15	4:45 PM				Pulling tubing out of hole last 56 were set up with cement. Rig will wait to 20:30 to tag cement.
01/14/15	8:00 PM				Rig trying to run in with tubing got stuck at 400' and gas kicks back to surface
					Rig crew hooked up lines to circulate and could not get anything back to surface
01/14/15	10:00 PM				Bernie Chavez released Ridge
01/14/15	10:15 PM				Ridge will get water off pump and blow down to leave trucks on location
01/14/15	23:00				Leave location and wait on call from PDC
X	X	X	X	X	X X X X X X X
01/16/15	3:00 PM				Arrive to location at 15:00 and rig is circulating
01/16/15	5:53 PM				Mix up cement
01/16/15	6:05 PM	2	35.8		175sks G-cmt, 15.8ppg, 1.15yield, 5.0gal/sk, verify by mud scales
01/16/15	6:26 PM	2	22.9		Displace with mud to balance plug
01/16/15	6:41 PM				Shutdown balance plug and rig pull 19 joints
01/16/15	7:10 PM				Mix up cement
01/16/15	7:14 PM	2	35.8		175sks G-cmt, 15.8ppg, 1.15yield, 5.0gal/sk, verify by mud scales
01/16/15	7:33 PM	2	19.5		Displace with mud 19.5bbls to balance plug
01/16/15	7:43 PM				Shutdown balance plug and rig pull 21 joints and will circulate 1hr
01/16/15	7:45 PM				Rig pull up to 626' for surface plug
01/16/15	11:00 PM				Mix up cement
01/16/15	11:05 PM	2	53	55	Pump 260sks G-cmt, 15.8, 1.15yield, 5.0gal/sk, verify by mud scales
01/16/15					Cmt to surface at 45bbls and finished pumping off truck
01/16/15	11:44 PM	2	0.5	45	Displace H2O







Customer: PDC	Well: Mobly State 41-16	Job Type: Plug
Customer Rep: Alverado, Phillip	Supervisor: Bulinski, Matt	Job Date: 01/14/2015
		Plug 1 = P:il & Plug 7039'



Customer: PDC	Well: Mobly State 41-16	Job Type: Plug P/I 2000/s at 10'
Customer Rep: Alverado, Phillip	Supervisor: Bulinski, Matt	Job Date: 01/14/2015



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Denver, CO 80203

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530.476.3333 phone 530.476.3347 fax

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Company Code: NA  
Customer PO No.: NA  
Shipping Point: Weld County, Colorado  
Well Type: oil  
Well Category: PTA  
Payment Terms: Net 30 Days

**Ship To**

Well Name: Mobly State 41-16  
Location: Weld County, Colorado  
City/Zip: Ault 80610  
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Sales Order Date: January 13, 2015

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		CaCl2	0	LBS	3.10	0.00	0.00	0.00
		RCR-300	58	LBS	10.43	604.94	302.47	302.47
		RXFlush	20	BBL	160.00	3200.00	1600.00	1600.00
		Sugar	100	LB	1.00	100.00	0.00	100.00
<b>Base Estimate Net Total</b>						<b>58,586.43</b>	<b>29,013.24</b>	<b>29,573.19</b>

Thank you very much.  
Ridge Cementing, Inc.

\_\_\_\_\_  
Customer Representative Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date

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Version # 1

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If you would please take a moment and circle an answer for each question to help us improve our service to you:

- 1 Did we arrive on time ?      Yes      No
- 2 Did our crew perform to your expectations- safe and professional ?      Yes      No
- 3 Was the job executed to your satisfaction?      Yes      No

4 Comment section for additional improvement or concerns:

Please also include your contact information.

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SUPERVISOR	Matt Bulinski
CITY	Ault
SALES ORDER NUMBER	C5CO3000

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WELL TYPE	W/O	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	Molby State 41-16	SEC / TWIN / RING	16,7n,66w	API #	05-123-07340

EMP NAME	EXP. HOUR	EQUIPMENT	RTY MILES	EMP NAME	EXP. HOUR	EQUIPMENT	RTY MILES
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Jerome Chavez	28	6104/6208	22				
David Wellman	28	Transport					
Cody Burgess	6	6302/6108	22				
Matt Bulinski	19	6313	22				
Bob Hale	12.5	Transport					

DATE	1/13/2015	ON LOCATION	1/13/2015	JOB STARTED	1/14/2015	JOB COMPLETED	1/16/2015	LEAVE LOCATION	1/17/2015
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WELL TUBULAR DATA						CASING TOOLS AND ATTACHMENTS		
TUBULAR NAME	NEW/USED	WEIGHT	SIZE	FROM	TO	NAME	QTY	MAKE
Tubing	used	6.5	2.875"	0'	7050'			
Open Hole			10"	0'	7050'			
Surface Csg.	used	24	8.625	0'	230'			

BHST	° F	BHCT	° F	MUD TEMP IN	° F	MUD TEMP OUT	° F	CIRCULATION TIME	HR
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WELL TD	FT	CASING DEPTH	FT	SHOE JOINT	FT		
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JOB PROCEDURE AND MATERIALS							
STAGE	FLUID NAME	VOLUME (BBL)	BULK (SK)	FLUID DESCRIPTION	WATER REQ.	YIELD	DENSITY (PPG)
1	RX Flush	20		Pill			10
2	Displace	5		H2O			8.33
3	Shutdown						
4	G-Cmt	47	230	Cement with 2%Retarder	5	1.15	15.8
5	Displace	40		H2O			8.33
6	Shutdown						
7	G-Cmt	35.8		Cement with 2%Retarder	5	1.15	15.8
8	Displace	22.9		Mud			9.5
9	Shutdown						
10	G-Cmt	35.8		Cement	5	1.15	15.8
11	Displace	22.9		Mud			9.5
12	Shutdown						
13	G-Cmt	53	260	Cement	5	1.15	15.8
14	Displace	0.5		H2O			8.33
15	End Job						

OTHER JOB NOTES							

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE

SIGNATURE





# JOB LOG

JOB DATE

1/13-16/2015

CUSTOMER

P D C

CUSTOMER REP.

Phillip Alverado/Bernie Chavez

TICKET AMOUNT

\$29,573.19

SUPERVISOR

Matt Bulinski

WELL TYPE

W/O

STATE

Colorado

COUNTY

Weld

CITY

Ault

WELL NAME AND NUMBER

Molbly State 41-16

SEC / TWN / RNG

16,7n,66w

API #

05-123-07340

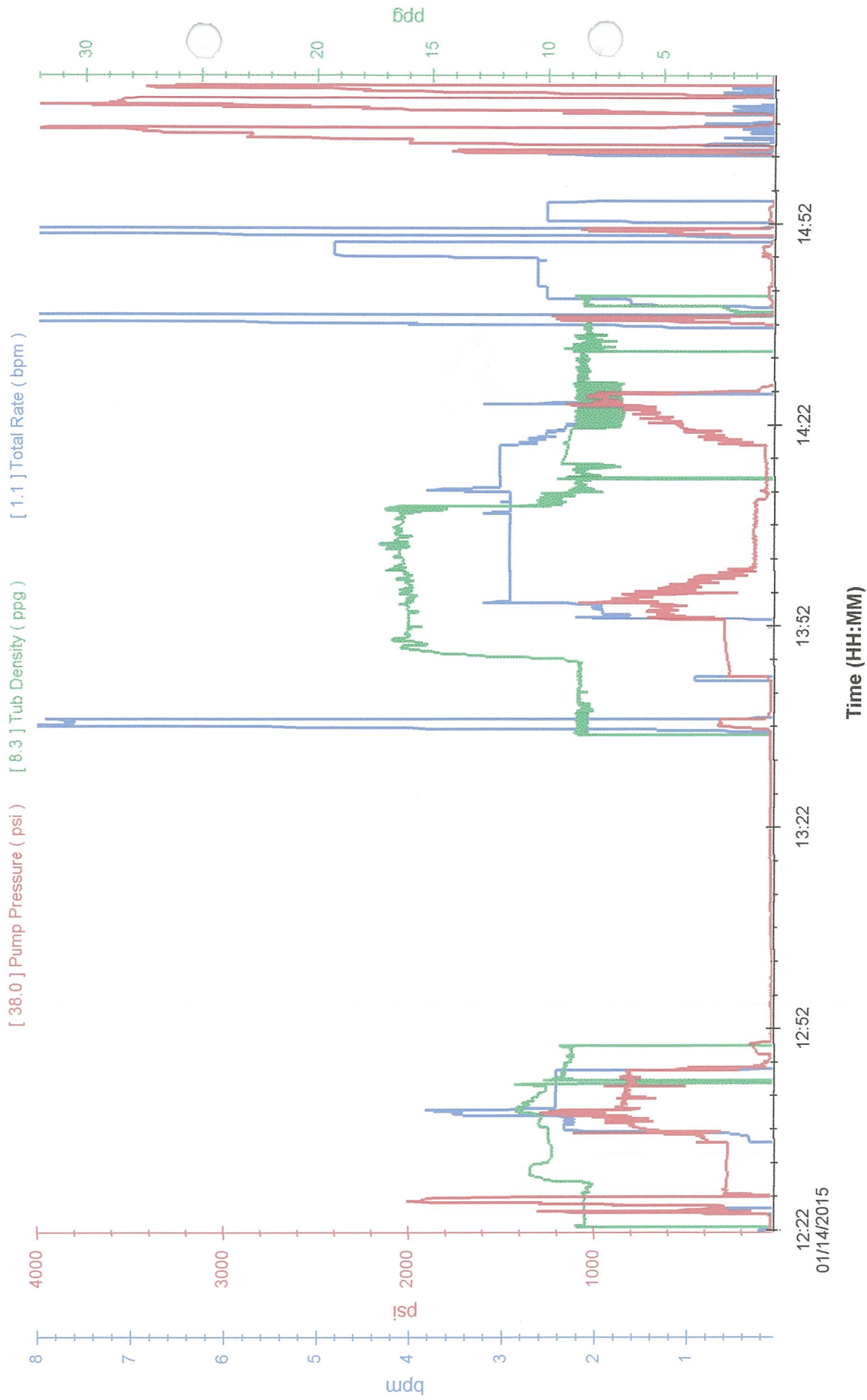
SALES ORDER NUMBER

C5CO3000

DATE	TIME	RATE (BPM)	VOLUME (BBL)	PRES (PSI)	REMARKS
01/13/15	4:45 PM				Arrive on location
01/13/15	5:00 PM				Rig up
01/13/15	6:15 PM				Rig up complete
01/13/15	11:15 PM				Rig stuck crew released
X	X	X	X	X	X X X X X X X
01/14/15	11:00 AM				Depart yard safety meeting
01/14/15	11:30 AM				Arrive to location
01/14/15	11:32 AM				JSA on rig up
01/14/15	11:45 AM				Rig up
01/14/15	12:10 PM				Rig up complete
01/14/15	12:15 PM				JSA with company man, rig crew, Ridge on pump schedule
01/14/15	12:23 PM				Start job
01/14/15	12:25 PM	0.5	0.5	2500	Pressure test 2500 PSI
01/14/15	12:35 PM	2.5	20	790	20bbls RX Flush at 10ppg verify by mud scales
01/14/15	12:44 PM	2.5	5	800	5bbls H2O displacement
01/14/15	12:46 PM				Shutdown
01/14/15	1:00 PM				Rig will circulate 1hr
01/14/15	1:52 PM	3	47	150	230sks G-cmt 15.8ppg, 1.15yield, 5.0gal/sk, with retarder, verify by scales
01/14/15	2:09 PM	3	40	100	Displacement, 100psi for 25bbls and last 15bbls at 900psi
01/14/15	2:25 PM				Shutdown
01/14/15	2:30 PM				Rig pull stands to 5500'
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01/14/15	4:45 PM				Pulling tubing out of hole last 56 were set up with cement. Rig will wait to 20:30 to tag cement.
01/14/15	8:00 PM				Rig trying to run in with tubing got stuck at 400' and gas kicks back to surface
					Rig crew hooked up lines to circulate and could not get anything back to surface
01/14/15	10:00 PM				Bernie Chavez released Ridge
01/14/15	10:15 PM				Ridge will get water off pump and blow down to leave trucks on location
01/14/15	23:00				Leave location and wait on call from PDC
X	X	X	X	X	X X X X X X X
01/16/15	3:00 PM				Arrive to location at 15:00 and rig is circulating
01/16/15	5:53 PM				Mix up cement
01/16/15	6:05 PM	2	35.8		175sks G-cmt, 15.8ppg, 1.15yield, 5.0gal/sk, verify by mud scales
01/16/15	6:26 PM	2	22.9		Displace with mud to balance plug
01/16/15	6:41 PM				Shutdown balance plug and rig pull 19 joints
01/16/15	7:10 PM				Mix up cement
01/16/15	7:14 PM	2	35.8		175sks G-cmt, 15.8ppg, 1.15yield, 5.0gal/sk, verify by mud scales
01/16/15	7:33 PM	2	19.5		Displace with mud 19.5bbls to balance plug
01/16/15	7:43 PM				Shutdown balance plug and rig pull 21 joints and will circulate 1hr
01/16/15	7:45 PM				Rig pull up to 626' for surface plug
01/16/15	11:00 PM				Mix up cement
01/16/15	11:05 PM	2	53	55	Pump 260sks G-cmt, 15.8, 1.15yield, 5.0gal/sk, verify by mud scales
01/16/15					Cmt to surface at 45bbls and finished pumping off truck
01/16/15	11:44 PM	2	0.5	45	Displace H2O

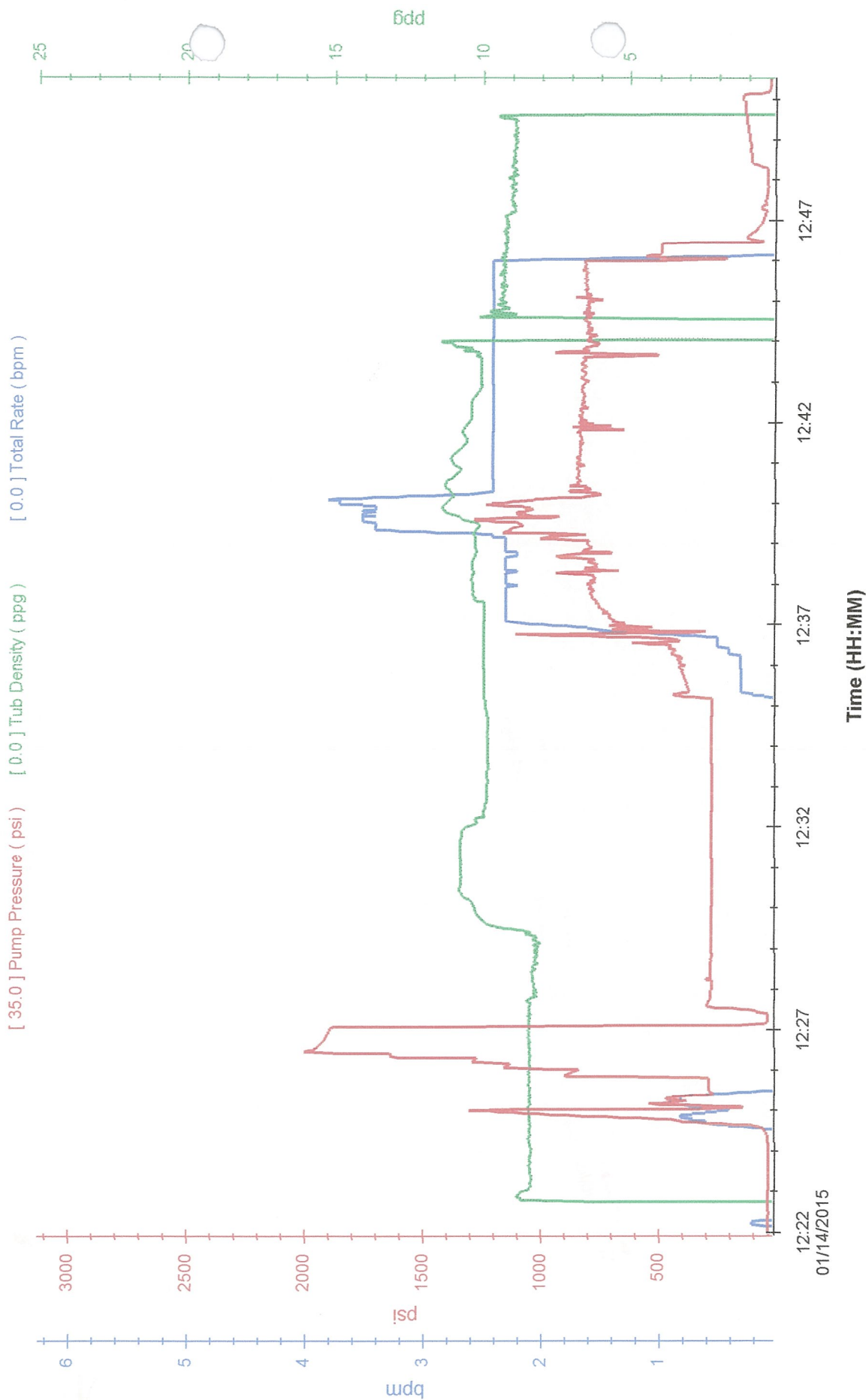




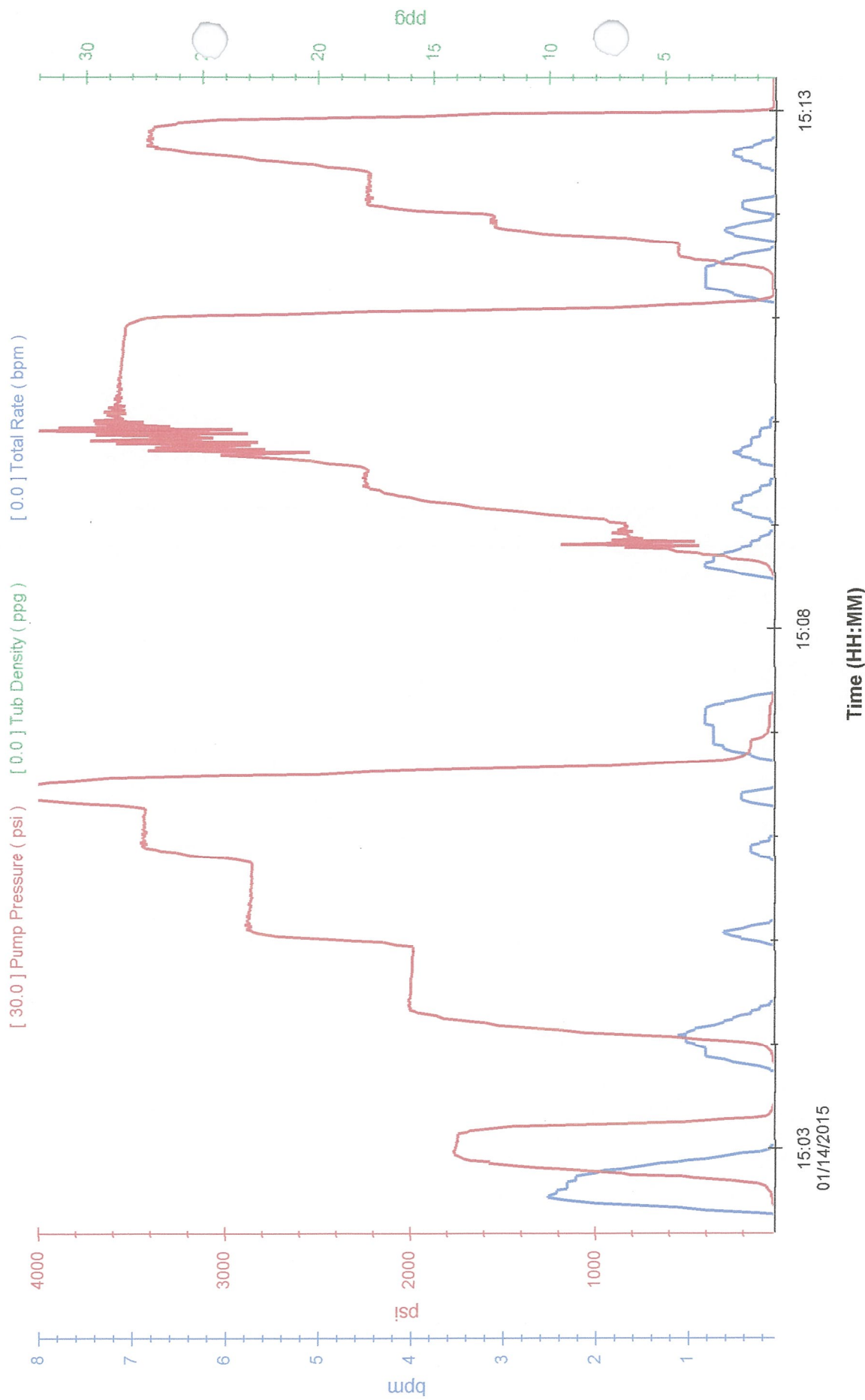


Customer: PDC	Well: Mobly State 41-16	Job Type: Plug	Plug 1 = P:il & Plug 7039'
Customer Rep: Alverado, Phillip	Supervisor: Bulinski, Matt	Job Date: 01/14/2015	

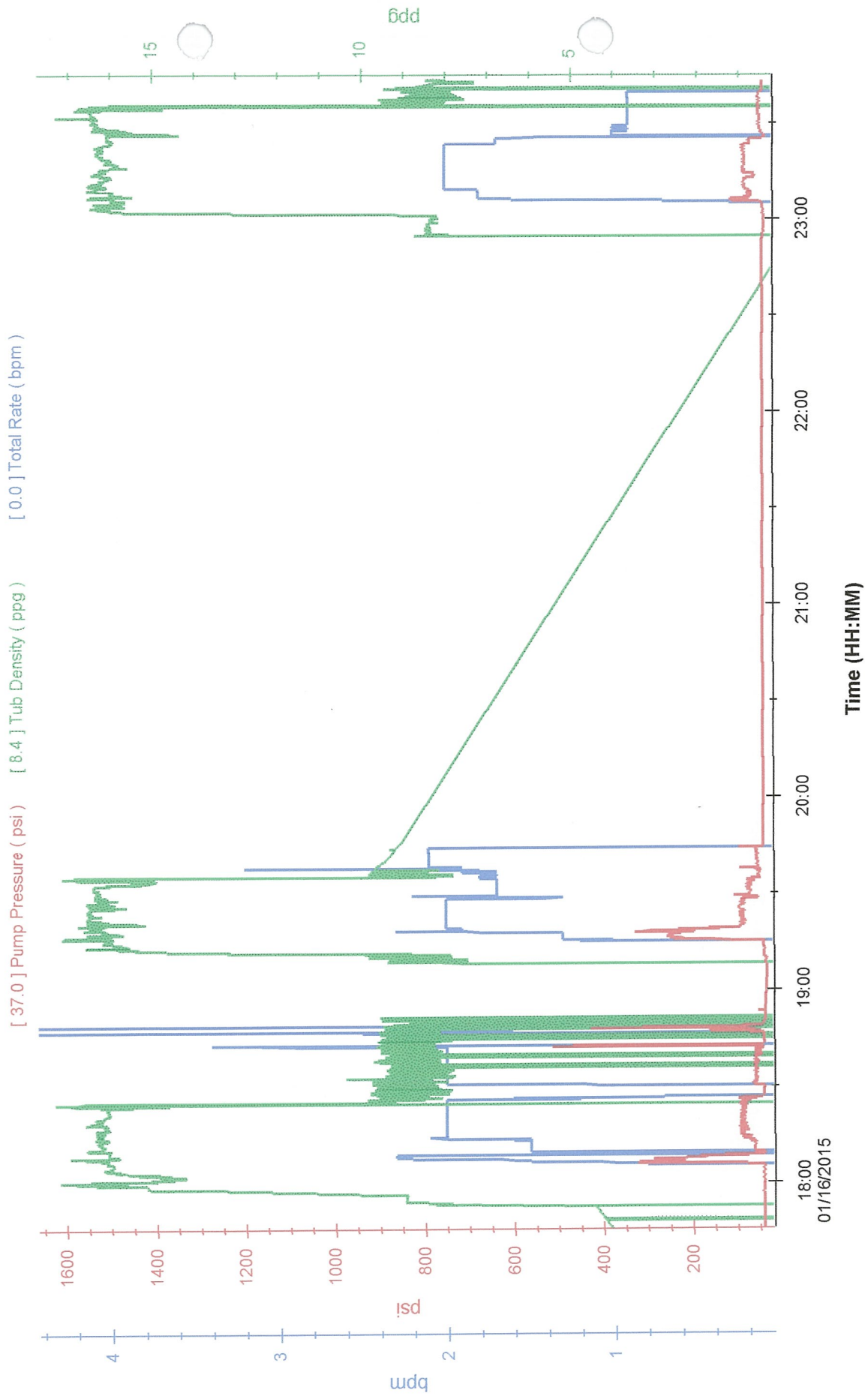




Customer: PDC	Well: Mobly State 41-16	Job Type: Plug P/I 2000/s at 10#
Customer Rep: Alverado, Phillip	Supervisor: Bulinski, Matt	Job Date: 01/14/2015



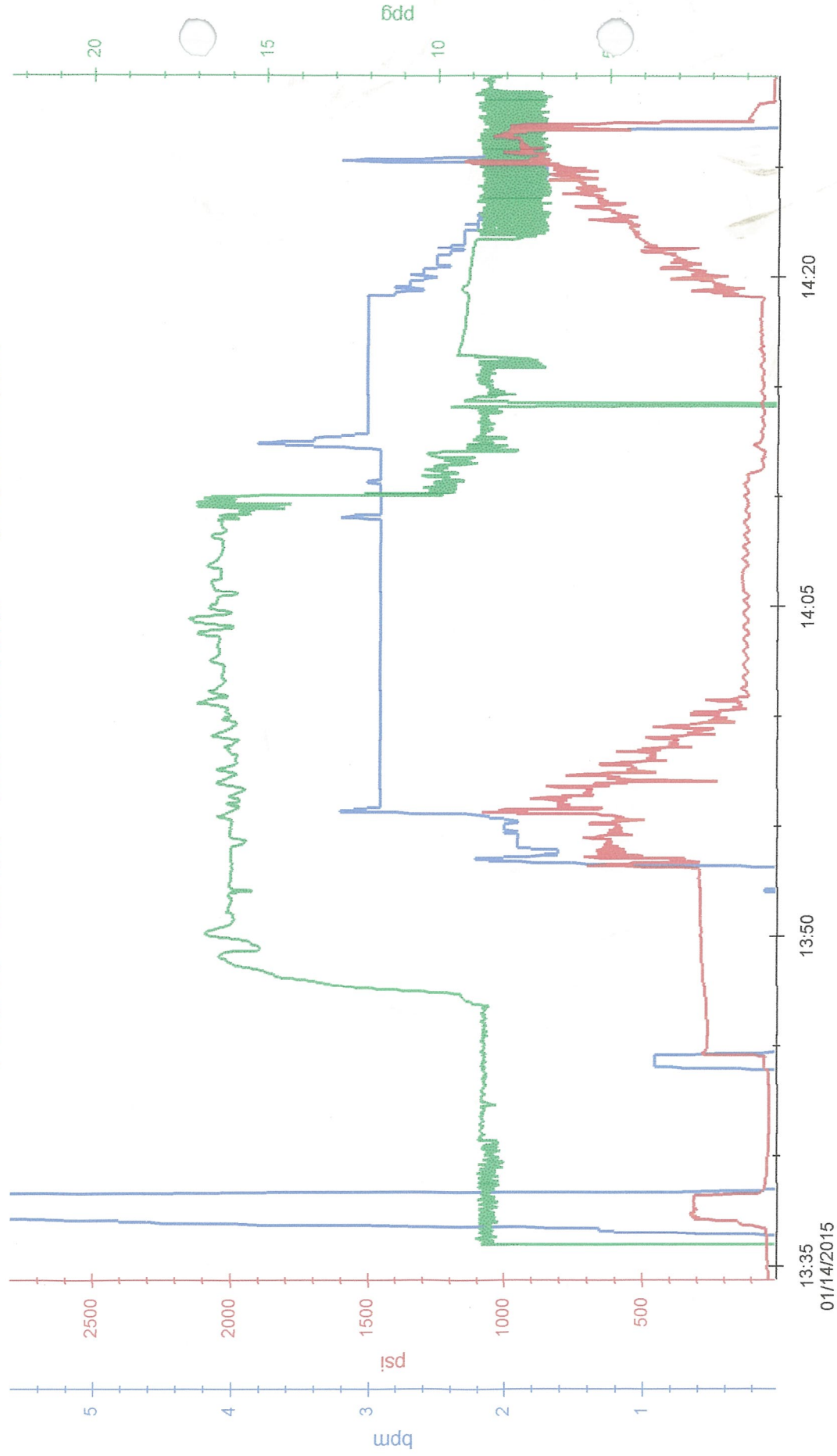
Customer: PDC	Well: Mobly State 41-16	Job Type: Plug	Pressure up, tubing blocked
Customer Rep: Alverado, Phillip	Supervisor: Bulinski, Matt	Job Date: 01/14/2015	



Customer: PDC	Well: Mobly State 41-16	Job Type: Plug 2 plugs + Surface Plug
Customer Rep: Alverado, Phillip	Supervisor: Bulinski, Matt	Job Date: 01/16/2015



[ 78.0 ] Pump Pressure ( psi ) [ 8.2 ] Tub Density ( ppg ) [ 3.9 ] Total Rate ( bpm )



Time (HH:MM)

Customer: PDC	Well: Mobly State 41-16	Job Type: Plug at 7039'
Customer Rep: Alverado, Phillip	Supervisor: Bulinski, Matt	Job Date: 01/14/2015