
PDC ENERGY EBUS

**State Peterson 14-16
WATTENBERG
Weld County , Colorado**

Recement Service

Job Site Documents

Field Ticket Number: 900037440	Field Ticket Date: Thursday, November 29, 2012
Bill To: 	Job Name: State Peterson Order Type: Streamline Order (ZOH) Well Name: State Peterson 14-16 Company Code: 1100 Customer PO No.: NA Shipping Point: Brighton, CO, USA Sales Office: Rocky Mountains BD Well Type: Gas Well Category: Development
Ship To: PDC/ STATE PETERSON 14-16, WELD STATE PETERSON 14-16 2306257 KERSEY, CO 80644	

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
14099	CMT RECEMENT BOM	1	JOB	0.00	0.00	0.00		0.00
16091	ZI - PUMPING CHARGE	1	EA	0.00	6,114.00	6,114.00	60%	2,445.60
	DEPTH	3400						
	FEET/METERS (FT/M)		FT					
2	MILEAGE FOR CEMENTING CREW,ZI	110	MI	0.00	5.76	633.60	60%	253.44
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	110	MI	0.00	9.79	1,076.90	60%	430.76
	Number of Units	1						
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	110	MI	0.00	0.17	18.70		18.70
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	110	MI	0.00	0.51	56.10		56.10
	Number of Units	1						
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	55	MI	0.00	3.35	6,815.41	60%	2,726.16
	NUMBER OF TONS	36.99						
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	55	MI	0.00	0.17	345.86		345.86
	NUMBER OF TONS	36.99						
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	897	CF	0.00	5.49	4,924.53	60%	1,969.81
	NUMBER OF EACH	1						
7	ENVIRONMENTAL CHARGE,/JOB,ZI	1	JOB	0.00	134.00	134.00		134.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	0.00	83.00	83.00		83.00
372867	Cmt PSL - DOT Vehicle Charge, CMT	3	EA	0.00	241.00	723.00		723.00

Field Ticket

Field Ticket Number: 900037440	Field Ticket Date: Thursday, November 29, 2012
Bill To: PDC/ STATE PETERSON 14-16, WELD STATE PETERSON 14-16 2306257 KERSEY, CO 80644	Job Name: State Peterson Order Type: Streamline Order (ZOH) Well Name: State Peterson 14-16 Company Code: 1100 Customer PO No.: NA Shipping Point: Brighton, CO, USA Sales Office: Rocky Mountains BD Well Type: Gas Well Category: Development

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
656520	CMT, S.O.T./S.M.M. Permit	3	EA	0.00	200.00	600.00		600.00
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB	0.00	1,649.00	1,649.00	60%	659.60
	NUMBER OF DAYS	1						
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	0.00	2,275.00	2,275.00	60%	910.00
	NUMBER OF UNITS	1						
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB	0.00	1,285.00	1,285.00	60%	514.00
	NUMBER OF UNITS	1						
92	PORTABLE RADIOS, ZI	5	EA	0.00	92.00	460.00		460.00
	NUMBER OF JOBS	1						
683670	CMT, Cement Winter Surcharge	1	EA	0.00	1,000.00	1,000.00		1,000.00
528788	MUD FLUSH III	12	BBL	0.00	90.72	1,088.64	60%	435.46
452009	VARICEM (TM) CEMENT	800	SK			40,219.14	60%	16,087.66
101985045	CHEM, CLA-WEB - TOTE	1	GAL	0.00	474.30	474.30	60%	189.72
528788	MUD FLUSH III	96	BBL	0.00	90.72	8,709.12	60%	3,483.65
Totals					USD	78,685.30	45,158.78	33,526.52

Halliburton Rep:

NICHOLAS VIGIL

Customer Agent:

Chad Sailors

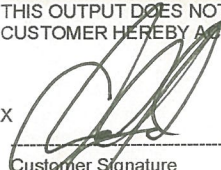
Halliburton Approval

Field Ticket

Field Ticket Number: 900037440	Field Ticket Date: Thursday, November 29, 2012
Bill To: Ship To: PDC/ STATE PETERSON 14-16, WELD STATE PETERSON 14-16 2306257 KERSEY, CO 80644	Job Name: State Peterson Order Type: Streamline Order (ZOH) Well Name: State Peterson 14-16 Company Code: 1100 Customer PO No.: NA Shipping Point: Brighton, CO, USA Sales Office: Rocky Mountains BD Well Type: Gas Well Category: Development

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
----------	-------------	-----	-----	----------	----------	--------------	----------	------------

THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE.
CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

X  ZCASZ

Customer Signature

FIELD TICKET TOTAL: USD 33,526.52

Was our HSE performance satisfactory? ☒ Y or N Were you satisfied with our Equipment? ☒ Y or N Were you satisfied with our people? ☒ Y or N
(Health, Safety, Environment)

Comments

Great Job!

The Road to Excellence Starts with Safety

Sold To #: 304535	Ship To #: 2306257	Quote #:	Sales Order #: 900037440
Customer: PDC ENERGY EBUS	Customer Rep: Sailors, Chad		
Well Name: State Peterson	Well #: 14-16	API/UWI #: 21657	
Field: WATTENBERG	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Job Purpose: Recement Service			
Well Type: Development Well	Job Type: Recement Service		
Sales Person: AARON, WESLEY	Srv 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	5.5	524682	Digiaco, Ashley	5.5	525927	DODSON, RICHARD Bryan	5.5	518192
OTERI, VAUGHN Steeves	5.5	443828	VIGIL, NICHOLAS Joseph	5.5	443481			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10857012C	55 mile	11398490	55 mile	11562546C	55 mile	11566182	55 mile
11633846C	55 mile	12010168	55 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/29/2012	5.5	3						
TOTAL			Total is the sum of each column separately					

Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD)	Top	Bottom		Called Out			
Form Type	BHST			On Location			
Job depth MD	3400. ft			Job Started			
Water Depth	Wk Ht Above Floor			Job Completed			
Perforation Depth (MD)	From	To		Departed Loc			

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
Production Casing	Unknown		4.5	4.	11.6			.	6900.	.	6900.
Tubing	Unknown		1.25	.824	2.4			.	3400.	.	3400.

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1													
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		

Stage/Plug #: 1

Cementing Job Summary

C	XXX		50 0045	EE	1	M	1	20	2010	11	50 00
---	-----	--	---------	----	---	---	---	----	------	----	-------

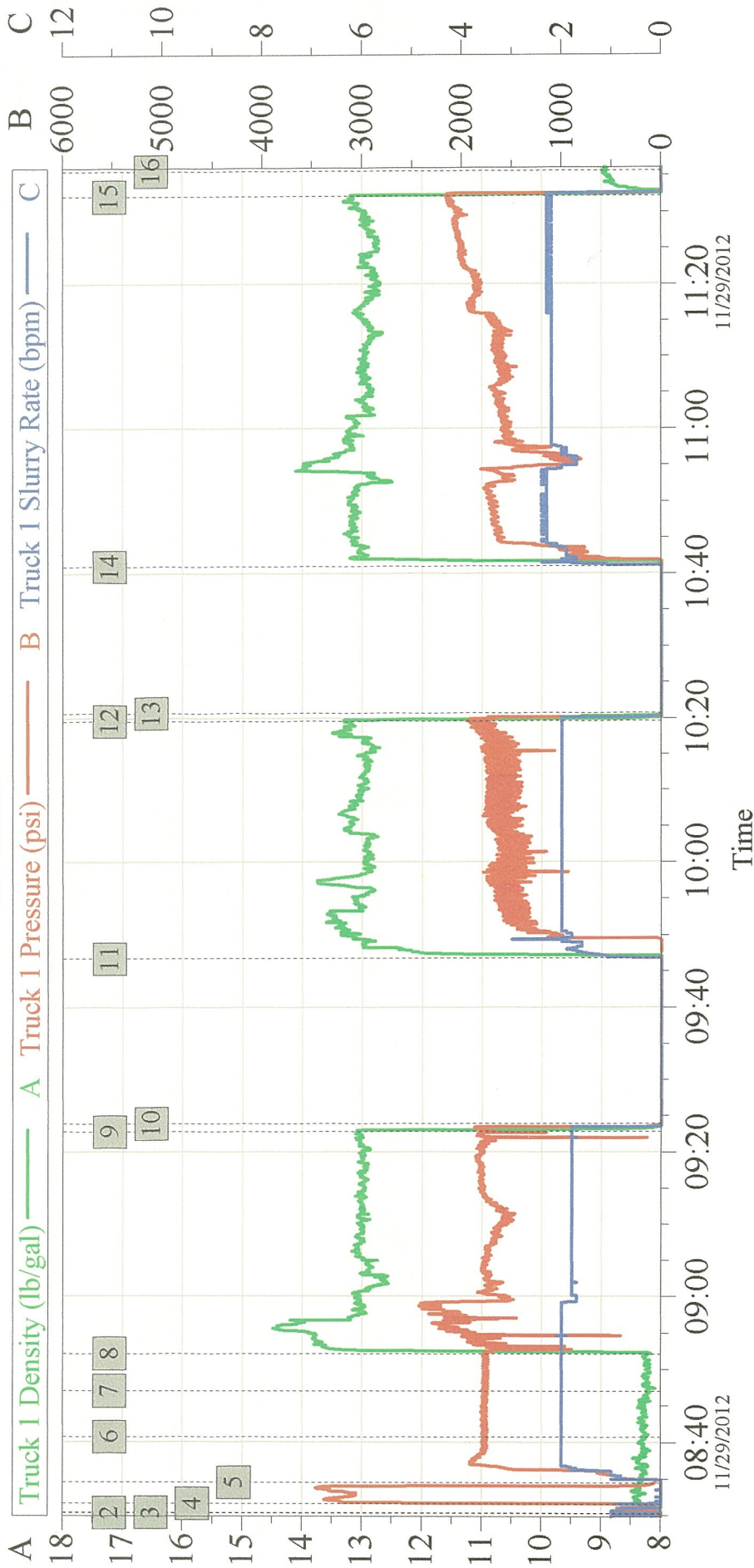
The Road to Excellence Starts with Safety

Sold To #: 304535	Ship To #: 2306257	Quote #:	Sales Order #: 900037440
Customer: PDC ENERGY EBUS		Customer Rep: Sailors, Chad	
Well Name: State Peterson	Well #: 14-16	API/UWI #: 21657	
Field: WATTENBERG	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor:		Rig/Platform Name/Num:	
Job Purpose: Recement Service			Ticket Amount:
Well Type: Development Well		Job Type: Recement Service	
Sales Person: AARON, WESLEY		Srvc Supervisor: VIGIL, NICHOLAS	MBU ID Emp #: 443481

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	11/29/2012 07:10							HAZARD HUNT, WELL SITE ASSESMENT, WATER TEST, RIG UP SAFETY MEETING
Start Job	11/29/2012 08:30							PRE JOB SAFETY MEETING
Test Lines	11/29/2012 08:31							PRESSURE TESTED LINES TO 3500 PSI
Pump Spacer 1	11/29/2012 08:34		2	10			1868. 0	WATER W/ CLAWEB
Pump Spacer 2	11/29/2012 08:40		2	12			1760. 0	MUD FLUSH
Pump Spacer 1	11/29/2012 08:47		2	10			1781. 0	WATER W/ CLAWEB
Pump Cement	11/29/2012 08:52		1.8	61			1790. 0	13 PPG VARICEM (200 SKS)
Clean Lines	11/29/2012 09:22		1.8	1				CLEANED PUMP AND LINES
Shutdown	11/29/2012 09:23							WAITED FOR RIG TO PULL TUBING
Pump Cement	11/29/2012 09:46		2	61			1444. 0	13 PPG VARICEM (200 SKS)
Clean Lines	11/29/2012 10:19		2	1				CLEANED PUMP AND LINES
Shutdown	11/29/2012 10:20							WAITED FOR RIG TO PULL TUBING
Pump Cement	11/29/2012 10:41		2.2	122			1576. 0	13 PPG VARICEM (400 SKS)
Clean Lines	11/29/2012 11:32							CLEANED PUMP AND LINES
End Job	11/29/2012 11:35							RIG DOWN SAFETY MEETING

PDC State Peterson 14-16

Recement



Global Event Log

2	Start Job	08:30:10	3	Prime Pumps	08:30:15	4	Test Lines	08:31:28
5	Water w/Claweb	08:34:25	6	Mud Flush	08:40:42	7	Water w/Claweb	08:47:00
8	13 ppg Varicem	08:52:06	9	Clean Lines	09:22:48	10	Shut Down	09:23:57
11	13 ppg Varicem	09:46:43	12	Clean Lines	10:19:37	13	Shutdown	10:20:42
14	13 ppg Varicem	10:41:04	15	Clean Lines	11:32:09	16	End Job	11:35:38

Customer:	Job Date: 29-Nov-2012	Sales Order #: 900037440
Well Description:	UWI:	