

### The Road to Excellence Starts with Safety

Sold To #: 344834	Ship To #: 2909940	Quote #:	Sales Order #: 9296585
Customer: SUNDANCE ENERGY INC		Customer Rep: Rogers, Dean	
Well Name: Lamb		Well #: 15C	API/UWI #: 05-123-34986
Field: Wattenberg	City (SAP): JOHNSTOWN	County/Parish: Weld	State: Colorado
Contractor: Ensign		Rig/Platform Name/Num: 5	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: FLING, MATTHEW		Srv Supervisor: WHEELER, JUSTIN	MBU ID Emp #: 196470

#### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DIRKS, RICHARD E	5	485940	KUNERT, RANDY Joe	5	477850	WHEELER, JUSTIN W	5	196470

#### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11019824	30 mile	11542778	30 mile	11605599	30 mile		

#### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
2-19-12	5	2	2-20-12	1.5				

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type		BHST		On Location	19 - Feb - 2012	20:30	MST
Job depth MD	7070. ft	Job Depth TVD	7070. ft	Job Started	19 - Feb - 2012	23:55	MST
Water Depth		Wk Ht Above Floor		Job Completed	20 - Feb - 2012	00:41	MST
Perforation Depth (MD)	From	To		Departed Loc	20 - Feb - 2012	01:30	MST

#### 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
Open Hole				7.875				751.	7070.	.	.
Production Casing	New		4.5	4.	11.6			.	7070.	.	.
Surface Casing	Used		8.625	8.097	24.		J-55	.	751.	.	.

#### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE-FLT- 4 1/2 8RD - HI-PORT	1	EA		
CLR,FLT,4-1/2 8RD,9.5-13.5PPF,2-3/4	1	EA		
CTRZR ASSY,TURBO,API,4 1/2 CSG X 7 7/8	15	EA		
CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA		
PLUG,CMTG,TOP,4 1/2,HWE,3.65 MIN/4.14 MA	1	EA		
KIT,HALL WELD-A	1	EA		
BSKT,CEM,4 1/2 CSG X 6 1/4,8 3/4 H	2	EA		

#### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	4 1/2"	1	HWE
Float Shoe	4 1/2"	1	SSII	7070'	Bridge Plug					Bottom Plug			
Float Collar	4 1/2"	1	SSII	7068'	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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Clay Web Water Spacer		20.00	bbl	8.4	.0	.0	.0	
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)	24.00	bbl	8.4	.0	1000.0	5.0	
3	CalyWeb Water Spacer		10.00	bbl	8.4	.0	.0	.0	
4	Fraccem 13.5#	FRACCEM (TM) SYSTEM (452963)	150.0	sacks	13.5	1.69	8.04	5.0	8.04
8.04 Gal		FRESH WATER							
5	ClayWeb Water Displacement		109.6	bbl	8.34	.0	.0	7.0	
2.5 gal/Mgal		CLA-WEB - TOTE (101985045)							
Calculated Values		Pressures		Volumes					
Displacement	109.6	Shut In: Instant	515	Lost Returns	No	Cement Slurry	45.1	Pad	
Top Of Cement		5 Min		Cement Returns	No	Actual Displacement	109.6	Treatment	
Frac Gradient		15 Min		Spacers	54	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	4 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

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Sold To #: 344834	Ship To #: 2909940	Quote #:	Sales Order #: 9296585
Customer: SUNDANCE ENERGY INC		Customer Rep: Rogers, Dean	
Well Name: Lamb	Well #: 15C	API/UWI #: 05-123-34986	
Field: Wattenberg	City (SAP): JOHNSTOWN	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: Ensign		Rig/Platform Name/Num: 5	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: FLING, MATTHEW		Srv Supervisor: WHEELER, JUSTIN	MBU ID Emp #: 196470

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart from Service Center or Other Site	02/19/2012 19:00							
Arrive At Loc	02/19/2012 20:00							
Safety Meeting - Pre Rig-Up	02/19/2012 22:00							Water Tested Ok For Mixing Cement
Test Lines	02/19/2012 23:56							Pressure Test Lines to 3500 PSI
Pump Spacer	02/19/2012 23:57		2	20			165.0	Pump ClayWeb Water Spacer
Pump Spacer	02/20/2012 00:02		6	24			315.0	Pump Mud Flush
Pump Spacer	02/20/2012 00:06		6	10			280.0	Pump ClayWeb Water Spacer
Pump Cement	02/20/2012 00:07		6	45.1			375.0	Mix and Pump 150 sks FracCem Cement @ 13.5 lb/gal (Density Verified By Pressurized Scales)
Clean Lines	02/20/2012 00:16			10				Wash Pumps and Lines to Pit
Drop Top Plug	02/20/2012 00:21							Shut-Down, Drop Top Plug (Pre-Loaded In Plug Container)
Pump Displacement - Start	02/20/2012 00:22		8	0			100.0	Pump ClayWeb Water Displacement
Pump Displacement - End	02/20/2012 00:39		3	109.6			515.0	Good Returns Throughout Job
Bump Plug	02/20/2012 00:39		3	109.6			1125.0	Land Plug @ 500 PSI Over Final Pump Pressure
Check Floats	02/20/2012 00:41							Floats Holding
End Job	02/20/2012 00:41							

## *Cementing Job Log*

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Safety Meeting - Pre Rig-Down	02/20/2012 01:00							Wet and Dry Samples of Cement Left on Location
Safety Meeting - Departing Location	02/20/2012 01:30							

## Field Ticket

<b>Field Ticket Number:</b> 9296585		<b>Field Ticket Date:</b> Monday, February 20, 2012	
<b>Bill To:</b>  		<b>Job Name:</b> Lamb <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> Lamb 15C <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>Shipping Point:</b> Brighton, CO, USA <b>Sales Office:</b> Rocky Mountains BD <b>Well Type:</b> Gas <b>Well Category:</b> Development	
<b>Ship To:</b> SUNDANCE LAMB 15C,WELD LAMB 15C 2909940 S15 T4N R68W JOHNSTOWN, CO 80534			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7523	CMT PRODUCTION CASING BOM	1	JOB	0.00	0.00	0.00		0.00
16091	ZI - PUMPING CHARGE	1	EA	0.00	9,081.00	9,081.00	65%	3,178.35
	DEPTH	7070						
	FEET/METERS (FT/M)		FT					
432904	CMT, ROCKIES SG SETUP	1	EA			8,771.00	58.71%	3,621.70
432905	CMT, ROCKIES SG MILEAGE	60	MI			987.60	61.41%	381.15
	Number of Units	1						
432906	CMT, ROCKIES SG DELIVERY	1	TNM			1,942.40	63.21%	714.64
	NUMBER OF TONS	7.76						
528788	MUD FLUSH III	24	BBL	0.00	94.45	2,266.80	65%	793.38
452963	FRACCEM (TM) SYSTEM	150	SK			9,430.85	65%	3,300.79
101985045	CHEM, CLA-WEB - TOTE	7	GAL	0.00	474.30	3,320.10	65%	1,162.03
100007955	SHOE-FLT- 4 1/2 8RD - HI-PORT	1	EA	0.00	918.00	918.00	65%	321.30
100004752	CLR,FLT,4-1/2 8RD,9.5-13.5PPF,2-3/4	1	EA	0.00	700.00	700.00	65%	245.00
100004491	CTRZR ASSY,TURBO,API,4 1/2 CSG X 7 7/8	15	EA	0.00	166.00	2,490.00	65%	871.50
100004622	CLAMP - LIMIT - 4-1/2 - HINGED -	1	EA	0.00	44.20	44.20	65%	15.47
101241019	PLUG,CMTG,TOP,4 1/2,HWE,3.65 MIN/4.14 MA	1	EA	0.00	186.00	186.00	65%	65.10
100005045	KIT,HALL WELD-A	1	EA	0.00	74.30	74.30	65%	26.00
100004595	BSKT,CEM,4 1/2 CSG X 6 1/4,8 3/4 H	2	EA	0.00	390.00	780.00	65%	273.00



## Field Ticket

<b>Field Ticket Number:</b> 9296585	<b>Field Ticket Date:</b> Monday, February 20, 2012
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Bill To:

<b>Job Name:</b>	Lamb
<b>Order Type:</b>	Streamline Order (ZOH)
<b>Well Name:</b>	Lamb 15C
<b>Company Code:</b>	1100
<b>Customer PO No.:</b>	NA
<b>Shipping Point:</b>	Brighton, CO, USA
<b>Sales Office:</b>	Rocky Mountains BD
<b>Well Type:</b>	Gas
<b>Well Category:</b>	Development

Ship To:

SUNDANCE LAMB 15C,WELD  
LAMB 15C  
2909940  
S15 T4N R68W  
JOHNSTOWN, CO 80534

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
<b>Halliburton Rep:</b> JUSTIN WHEELER <b>Customer Agent:</b> Dean Rogers <b>Halliburton Approval:</b>						<b>Totals</b> <b>USD</b> <b>40,992.25</b> <b>26,022.84</b> <b>14,969.41</b>		

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

FIELD TICKET TOTAL: USD

14,969.41

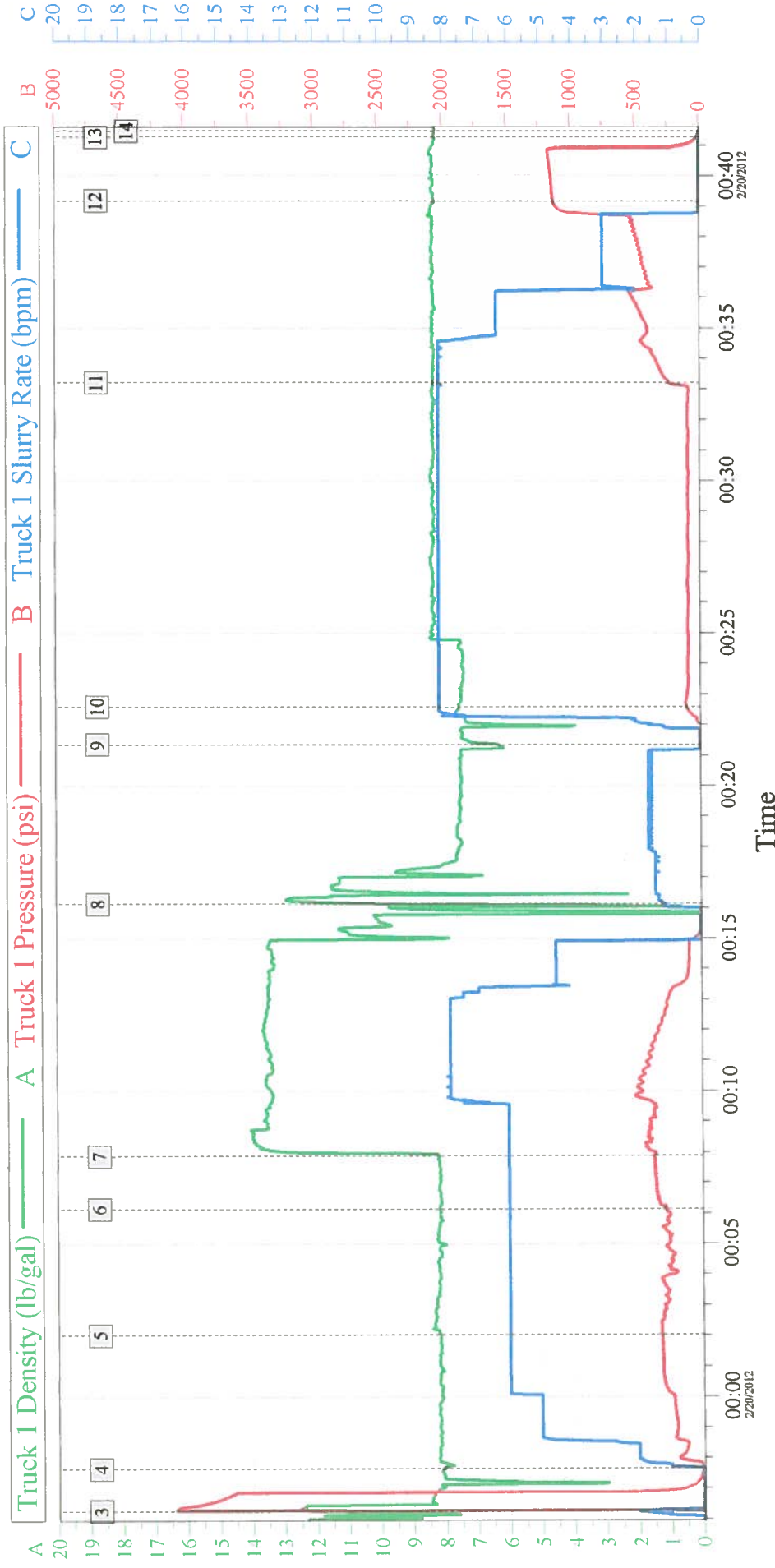
Customer Signature

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

Did we provide job DVA above our normal service today? Y or N      Hours: \_\_\_\_\_ Other: \_\_\_\_\_ Customer Initials: \_\_\_\_\_  
Please provide details:

# Sundance - Lamb 15C 4 1/2" Production Casing



Global Event Log									
Intersection			Intersection						
	TIP	TISR		TIP	TISR		TIP	TISR	
3	Test Lines	2/19/2012 23:56:16	989.3	1.785	4	Pump ClayWeb Water Spacer	2/19/2012 23:57:39	7.184	0.000
5	Pump Mud Flush	2/20/2012 00:02:01	315.0	6.000	6	Pump ClayWeb Water Spacer	2/20/2012 00:06:08	279.9	6.000
7	Pump Cement	2/20/2012 00:07:52	374.0	6.000	8	Clean Lines	2/20/2012 00:16:07	-8.000	1.100
9	Drop Top Plug	2/20/2012 00:21:20	-8.000	0.000	10	Pump Displacement	2/20/2012 00:22:34	100.3	8.100
11	Displ Reached Cmmt	2/20/2012 00:33:12	228.3	8.100	12	Bump Plug	2/20/2012 00:39:09	1126	0.000
13	Check Floats, Floats Holding	2/20/2012 00:41:15	18.96	0.000	14	End Job	2/20/2012 00:41:26	0.397	0.000