

HALLIBURTON

SUNDANCE ENERGY INC

**HFE 22SE
Wattenberg
Weld County , Colorado**

Cement Production Casing

04-Nov-2012

Job Site Documents

Field Ticket

Field Ticket Number: 9942654		Field Ticket Date: Sunday, November 04, 2012	
Bill To:		Job Name: HFE	
Shp To: SUNDANCE HFE 22SE,WELD HFE 22SE 2958775 S22 T4N R68W BERTHOUD, CO 80513		Order Type: Streamline Order (ZOH)	
		Well Name: HFE 22SE	
		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
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	7500						
	FEET/METERS (FT/M)		FT					
432904	CMT, ROCKIES SG SETUP	1	EA			10,162.00	50.67%	5,012.70
	NUMBER OF UNITS	1						
432905	CMT, ROCKIES SG MILEAGE	60	MI			1,347.00	61.7%	515.91
	Number of Units	1						
432906	CMT, ROCKIES SG DELIVERY	1	TNM			5,727.11	63.31%	2,101.05
	NUMBER OF TONS	21.53						
528788	MUD FLUSH III	24	BBL	0.00	94.45	2,266.80	65%	793.38
452963	FRACCEM (TM) SYSTEM	150	SK			10,428.82	65.0%	3,650.09
452981	EXTENDACEM (TM) SYSTEM	300	SK			15,172.81	65.0%	5,310.48
100003668	SUPER CBL	48	LB	0.00	72.35	3,472.80	65%	1,215.48
100003652	SALT,MORTON-PUREX-FINE	708	LB	0.00	0.44	311.52	65%	109.03
101985045	CHEM, CLA-WEB - TOTE	5	GAL	0.00	474.30	2,371.50	65%	830.02

Halliburton Rep: NICHOLAS VIGIL	Totals	USD	60,341.36	37,624.87	22,716.49
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Customer Agent: GENE HUDSON
Halliburton Approval:

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Ship To:
SUNDANCE HFE 22SE,WELD
HFE 22SE
2958775
S22 T4N R68W
BERTHOUD, CO 80513

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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** 22,716.49

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

1	Clay Web Water Spacer			bbl	8.4	.0	.0	.0	
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)		bbl	8.4	.0	1000.0	5.0	
3	ClayWeb Water Spacer			bbl	8.4	.0	.0	.0	
4	EXTENDACEM 11.3#	EXTENDACEM (TM) SYSTEM (452981)	300.0	sacks	11.3	2.46	14.12		14.12
	0.2 %	SUPER CBL, 50 LB PAIL (100003668)							
	3 %	SALT, 100 LB BAG (100003652)							
	14.12 Gal	FRESH WATER							
5	Fraccem 13.5#	FRACCEM (TM) SYSTEM (452963)	150.0	sacks	13.5	1.74	8.3	5.0	8.3
	8.3 Gal	FRESH WATER							
6	ClayWeb Water Displacement			bbl	8.34	.0	.0	7.0	
	2.5 gal/Mgal	CLA-WEB - TOTE (101985045)							
Calculated Values		Pressures			Volumes				
Displacement	115.9	Shut In: Instant		Lost Returns	NO	Cement Slurry		Pad	
Top Of Cement	3100'	5 Min		Cement Returns	NO	Actual Displacement	115.9	Treatment	
Frac Gradient		15 Min		Spacers	NO	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		7	Displacement		8	Avg. Job	7.5
Cement Left In Pipe	Amount	0 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					

The Road to Excellence Starts with Safety

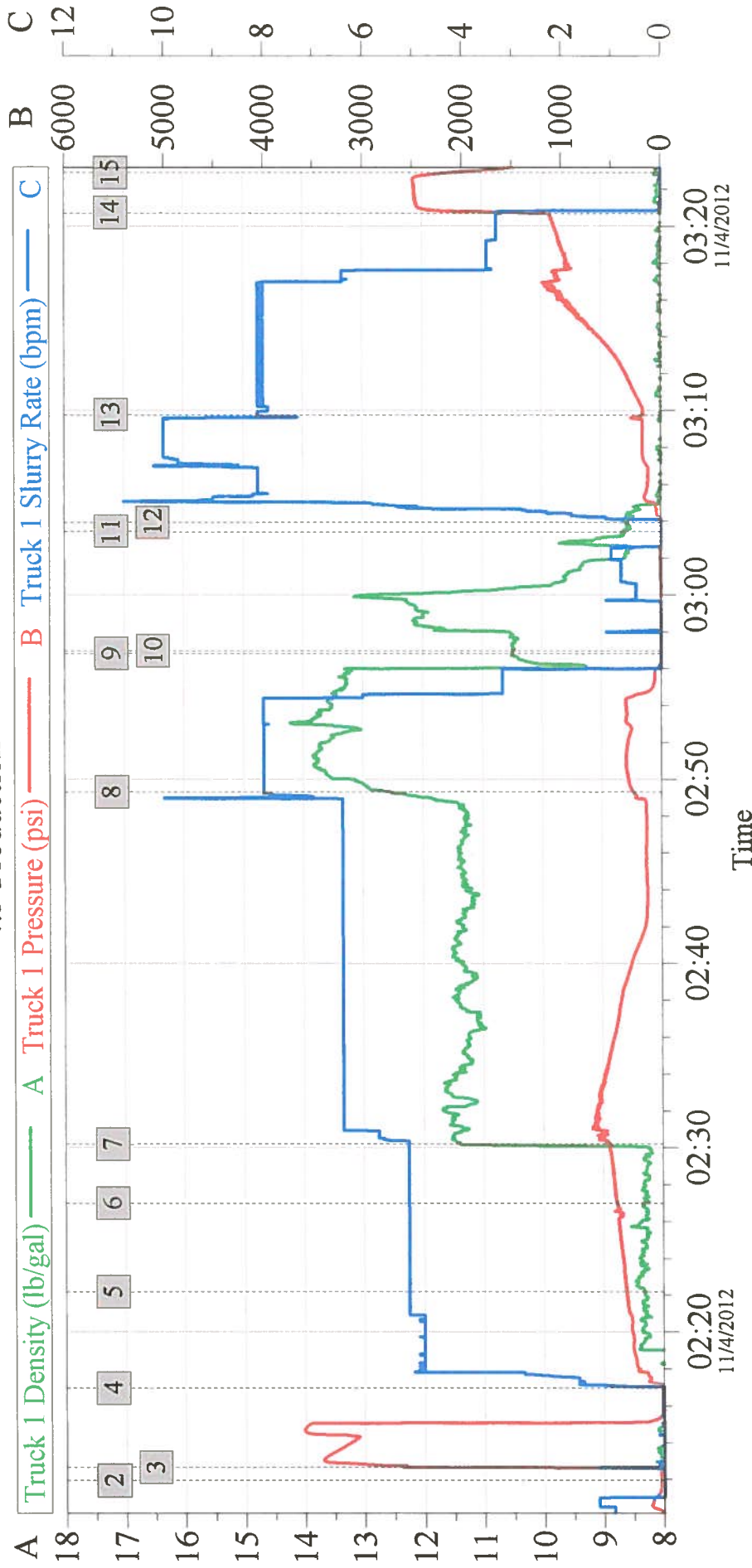
Sold To #: 344834	Ship To #: 2958775	Quote #:	Sales Order #: 9942654
Customer: SUNDANCE ENERGY INC		Customer Rep: HUDSON, GENE	
Well Name: HFE	Well #: 22SE	API/UWI #: 05-123-36134	
Field: Wattenberg	City (SAP): BERTHOUD	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 40.295 deg. OR N 40 deg. 17 min. 41.41 secs.		Long: W 104.988 deg. OR W -105 deg. 0 min. 44.284 secs.	
Contractor: Ensign		Rig/Platform Name/Num: 55	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
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	11/04/2012 00:00							
Start Job	11/04/2012 02:11							WELL SITE ASSESMENT, HAZARD HUNT, WATER TEST, PRE RIG UP SAFETY MEETING, WAITED FOR RIG TO FINISH RUNNING CASING
Test Lines	11/04/2012 02:13							PRESSURE TESTED LINES TO 3000 PSI
Pump Spacer 1	11/04/2012 02:16		5	20			343.0	RIG WATER WITH CLAWEB
Pump Spacer 2	11/04/2012 02:22		5	24			471.0	MUDFLUSH
Pump Spacer 1	11/04/2012 02:27		5	10			465.0	RIG WATER WITH CLAWEB
Pump Lead Cement	11/04/2012 02:30		6.4	131.4			148.0	11.3 PPG EXTENDACEM (300 SKS)
Pump Tail Cement	11/04/2012 02:49		8	46.5			353.0	13.5 PPG FRACCCEM (150 SKS)
Shutdown	11/04/2012 02:56							
Clean Lines	11/04/2012 02:56							
Drop Top Plug	11/04/2012 03:03							PLUG WAS PRE LOADED
Pump Displacement	11/04/2012 03:03		8	115.4			458.0	RIG WATER WITH CLAWEB
Bump Plug	11/04/2012 03:20		3.3				1112.0	CALCULATED PRESSURE TO BUMP WAS 893 PSI, COMPANY MAN WANTED IT BUMPED AT 2500 PSI

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Check Floats	11/04/2012 03:22							FLOATS HELD
End Job	11/04/2012 03:23							RIG DOWN SAFETY MEETING

Sundance HFE 22 SE

4.5 Production



Global Event Log

2	Start Job	02:11:57	3	Test Lines	02:12:40	4	Pump Spacer 1	02:16:59
5	Pump Spacer 2	02:22:12	6	Pump Spacer 1	02:27:00	7	11.3 ppg ExtendaCem	02:30:13
8	13.5 ppg FracCem	02:49:18	9	Shutdown	02:56:49	10	Clean Lines	02:56:57
11	Drop Top Plug	03:03:27	12	Pump Displacement	03:03:56	13	Displ Reached Cmmt	03:09:45
14	Bump Plug	03:20:42	15	Check Floats	03:22:54			

Customer:

Job Date: 04-Nov-2012

Sales Order #: 9942654

Well Description:

UWI: