

**HALLIBURTON**

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**CONOCO/PHILLIPS COMPANY EBUSINESS**

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**Watkins 30-5-8H**

**Weld County , Colorado**

**Cement Surface Casing**

**02-Mar-2014**

**Job Site Documents**

## Field Ticket

<b>Field Ticket Number:</b> 901161083		<b>Field Ticket Date:</b> Sunday, March 02, 2014	
<b>Bill To:</b> CONOCO/PHILLIPS COMPANY EBUSINESS DO NOT MAIL- 600 N DAIRY ASHFORD HOUSTON, TX 77079		<b>Job Name:</b> Surface Casing <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> Watkins 30-5-8H <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>Shipping Point:</b> Fort Lupton, CO, USA <b>Sales Office:</b> Rocky Mountains BD <b>Well Type:</b> Horizontal Gas <b>Well Category:</b> Development	
<b>Ship To:</b> CONOCO/PHILLIPS COMPANY EBUSINESS Watkins, 30-5-8H 3116871 SEC 30-T4S-R64W WATKINS, CO 80137			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7521	CMT SURFACE CASING BOM	1	JOB	0.00	0.00	0.00	67%	0.00
2	MILEAGE FOR CEMENTING CREW,ZI	78	MI	0.00	5.76	449.28	67%	148.26
	<i>Number of Units</i>	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	78	MI	0.00	9.79	763.62	67%	251.99
	<i>Number of Units</i>	1						
16091	ZI - PUMPING CHARGE	1	EA	0.00	5,584.00	5,584.00	67%	1,842.72
	<i>DEPTH</i>	2062						
	<i>FEET/METERS (FT/M)</i>		FT					
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	0.00	2,275.00	2,275.00	67%	750.75
	<i>NUMBER OF UNITS</i>	1						
130104	PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA	0.00	2,549.00	2,549.00	67%	841.17
	<i>DAYS OR PARTIAL DAY(WHOLE NO.)</i>	1						
114	R/A DENSOMETER W/CHART RECORDER,/JOB,Z	1	JOB	0.00	1,285.00	1,285.00	67%	424.05
	<i>NUMBER OF UNITS</i>	1						
90	ZI QUICK LATCH ATTACHMENT	1	JOB	0.00	616.00	616.00	67%	203.28
	<i>SIZE IN INCHES/MILLIMETER</i>	9.625						
	<i>INCHES/MILLIMETERS (IN/MM)</i>		IN					
74038	ZI PLUG CONTAINER RENTAL-1ST DAY	1	EA	0.00	1,322.00	1,322.00	67%	436.26
	<i>DAYS OR FRACTION (MIN1)</i>	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
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	78	MI	0.00	0.24	18.72		18.72

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<b>Ship To:</b> CONOCO/PHILLIPS COMPANY EBUSINESS Watkins, 30-5-8H 3116871 SEC 30-T4S-R64W WATKINS, CO 80137			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
	<i>Number of Units</i>	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	78	MI	0.00	0.72	224.64		224.64
	<i>Number of Units</i>	4						
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	39	MI	0.00	0.24	350.63		350.63
	<i>NUMBER OF TONS</i>	37.46						
372867	Cmt PSL - DOT Vehicle Charge, CMT	4	EA	0.00	241.00	964.00		964.00
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	39	MI	0.00	3.35	4,414.66	67%	1,456.84
	<i>NUMBER OF TONS</i>	33.79						
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI	832	CF	0.00	5.49	4,567.68	67%	1,507.33
	<i>NUMBER OF EACH</i>	1						
	<i>Unit of Measurement</i>	0						
719269	CLEANS PACER III	50	BBL	0.00	250.00	12,500.00	67%	4,125.00
100003691	SAND-200 MESH SILICA FLOUR SSA-1	7273	LB		0.00	0.00		0.00
102077046	CHEM, SA-1015, 50 LB SACK	77	LB		0.00	0.00		0.00
452990	SWIFTCEM (TM) SYSTEM	200	SK			12,854.80	67%	4,242.08
452990	SWIFTCEM (TM) SYSTEM	450	SK			28,861.44	67%	9,524.28
				<b>Totals</b>	<b>USD</b>	<b>79,817.47</b>	<b>52,288.47</b>	<b>27,529.00</b>

Halliburton Rep: JOSEPH BARRAS  
 Customer Agent: James Hayden  
 Halliburton Approval:

## Field Ticket

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<b>Ship To:</b> CONOCO/PHILLIPS COMPANY EBUSINESS Watkins, 30-5-8H 3116871 SEC 30-T4S-R64W WATKINS, CO 80137	

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
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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 \_\_\_\_\_  
 Customer Signature FIELD TICKET TOTAL: USD 27,529.00

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

Customer Information Only
COP plant code
COP approver/user ID
Network#
Activity code
OLA Number

The Road to Excellence Starts with Safety

Sold To #: 352431	Ship To #: 3116871	Quote #:	Sales Order #: 901161083
Customer: CONOCO/PHILLIPS COMPANY EBUSINESS		Customer Rep: Hayen, James	
Well Name: Watkins	Well #: 30-5-8H	API/UWI #: 05-005-07189	
Field:	City (SAP): WATKINS	County/Parish: Weld	State: Colorado
Contractor: H&P	Rig/Platform Name/Num: H&P 280		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: GROFF, THEODORE		Srv Supervisor: BARRAS, JOSEPH	MBU ID Emp #: 405168

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANUELOS, GUADALUPE	7	372277	BARNES, BRIAN L	7	485204	BARRAS, JOSEPH Corey	7	405168
MAYFIELD, BYRON L	7	528751	SCILEPPI, JOSEPH D	7	555492			

### Equipment

HES Unit #	Distance-1 way						
10866497C	39 mile	11064535	39 mile	11518548	39 mile	11764737	39 mile
11808819C	39 mile	11923776C	39 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
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	Job depth MD	2062. ft	Job Depth TVD	2062. ft	Job Started	02 - Mar - 2014	16:45 MST
	Water Depth		Wk Ht Above Floor	5. ft	Job Completed	02 - Mar - 2014	19:10 MST
Perforation Depth (MD)	From		To		Departed Loc	02 - Mar - 2014	21:30 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
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### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CMT SURFACE CASING BOM	0	JOB		
SHOE,FLT,9-5/8 8RD,2-3/4 SUPER SEAL	1	EA		
CLR,FLT,9-5/8 8RD 29.3-40PPF,2-3/4	1	EA		
CENTRALIZER-9-5/8"-CSG-12 1/4"-HINGED	25	EA		
COLLAR-STOP-9 5/8"-FRICTION-HINGED	1	EA		
KIT,HALL WELD-A	1	EA		
MILEAGE FOR CEMENTING CREW,ZI	100	MI		

### 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 Fid	Conc	Inhibitor	Conc	Sand Type	Size	Qty	Conc

### 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	Clean Spacer III		50.00	bbl	10.5	3.86	24.21	.0		
2	SwiftCem B2	SWIFTCEM (TM) SYSTEM (452990)	450.0	sacks	12.	2.57	15.14		15.14	
	15.14 Gal	FRESH WATER								
3	SwiftCem B2	SWIFTCEM (TM) SYSTEM (452990)	200.0	sacks	13.	2.01	11.03		11.03	
	11.03 Gal	FRESH WATER								
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns	0	Cement Slurry		Pad		
Top Of Cement	0	5 Min		Cement Returns	66	Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers	50	Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
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 #: 352431	Ship To #: 3116871	Quote #:	Sales Order #: 901161083
Customer: CONOCO/PHILLIPS COMPANY EBUSINESS		Customer Rep: Hayen, James	
Well Name: Watkins	Well #: 30-5-8H	API/UWI #: 05-005-07189	
Field:	City (SAP): WATKINS	County/Parish: Weld	State: Colorado
<b>Legal Description:</b>			
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: H&P	Rig/Platform Name/Num: H&P 280		
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: GROFF, THEODORE	Srvc Supervisor: BARRAS, JOSEPH	MBU ID Emp #: 405168	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	03/02/2014 12:55							
Rig-Up Equipment	03/02/2014 13:35							
Rig-Up Completed	03/02/2014 15:00							
Safety Meeting - Pre Job	03/02/2014 15:15							with HES and rig crew
Start Job	03/02/2014 16:35							
Test Lines	03/02/2014 16:40							test lines to 2500 psi with no visible leaks
Pump Spacer 1	03/02/2014 16:46		4	50			94.0	clean spacer mixed with rig water @ 10.5 ppg/3.86 yield /24.21 gal /sk
Drop Top Plug	03/02/2014 17:00							PRELOADED AND WITNESSED BY COMPANYMAN
Pump Lead Cement	03/02/2014 17:03		7	205			158.0	mixed with rig water @ 12.0 ppg /450 sks /2.57 yield/15.14 gal/sk
Pump Tail Cement	03/02/2014 17:38		6	72			149.0	mixed with rig water @ 13.0 ppg/ 200 sks /2.01 yield /11.03 gal/sk
Shutdown	03/02/2014 17:51							wash pumps and lines
Drop Top Plug	03/02/2014 17:51							preloaded and witnessed by companyman
Pump Displacement	03/02/2014 17:56		6	156			510.0	rig water
Bump Plug	03/02/2014 18:26		2				1103.0	
Check Floats	03/02/2014 18:28							held with 2 bbl back to truck

Sold To #: 352431

Ship To #: 3116871

Quote # :

Sales Order #: 901161083

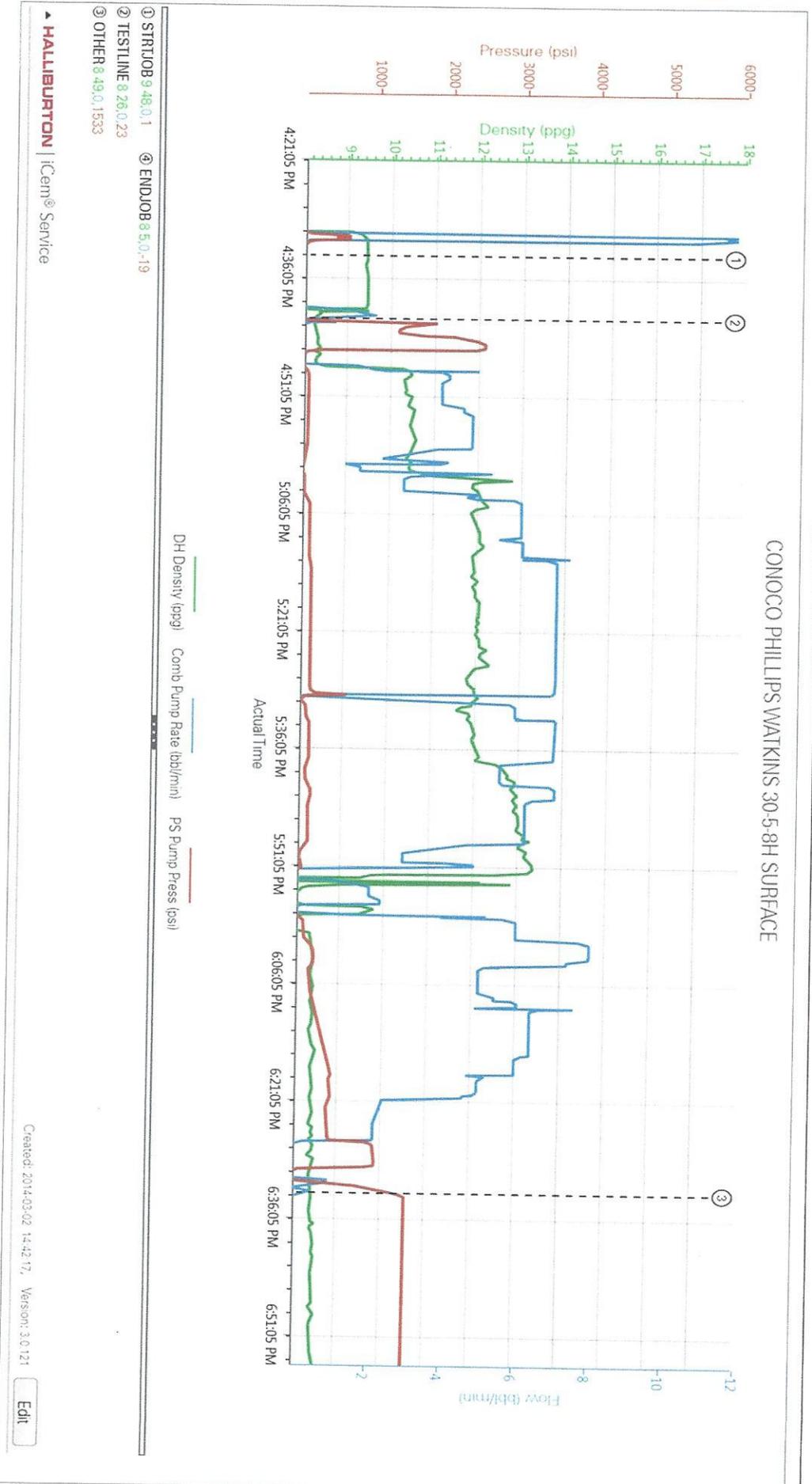
SUMMIT Version: 7.3.0124

Sunday, March 02, 2014 07:30:00

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	03/02/2014 18:30						1500. 0	casing test for 30 min
End Job	03/02/2014 19:02							
Rig-Down Equipment	03/02/2014 19:10							
Return to Service Center from Job	03/02/2014 20:30							

## 4.0 Attachments

### 4.1 CONOCO PHILLIPS WATKINS 30-5-8H SURFACE-Custom Results.png



# HALLIBURTON

CONOCO PHILLIPS

901161083

CONOCO PHILLIPS WATKINS 30-5-8H SURFACE

## 3.1 Job Event Log

Type	Seq- No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Comment
Event	1	STRTOB	STRTOB	3/2/2014	16:33:33	COM4	9.48	0.00	1.00	
Event	2	TESTLINE	TESTLINE	3/2/2014	16:41:34	COM4	8.26	0.00	23.00	
Event	3	OTHER	OTHER	3/2/2014	18:33:08	COM4	8.49	0.00	1533.00	
Event	4	ENDJOB	ENDJOB	3/2/2014	19:02:35	COM4	8.50	0.00	-19.00	

