

The Road to Excellence Starts with Safety

Sold To #: 352431	Ship To #: 3105548	Quote #:	Sales Order #: 901136140
Customer: CONOCO/PHILLIPS COMPANY EBUSINESS		Customer Rep: Perez, Richard	
Well Name: Tebo	Well #: 29-2H	API/UWI #: 05-005-07209	
Field: WILDCAT	City (SAP): WATKINS	County/Parish: Arapahoe	State: Colorado
Legal Description:			
Lat: N 39.676 deg. OR N 39 deg. 40 min. 33.6 secs.		Long: W 104.565 deg. OR W -105 deg. 26 min. 6 secs.	
Contractor:	Rig/Platform Name/Num: H&P 280		
Job Purpose: Cement Production Liner			Ticket Amount:
Well Type: Development Well	Job Type: Cement Production Liner		
Sales Person: PLIENESS, RYAN	Srv Supervisor: SMITH, KC	MBU ID Emp #: 462378	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/21/2014 03:00							Crew Called out for Job. Requested on location @ 9:00.
Pre-Convoy Safety Meeting	02/21/2014 05:55							Met w/crew to discuss safety and hazards of travel to location
Depart from Service Center or Other Site	02/21/2014 06:00							Entered into Journey Management.
Arrive At Loc	02/21/2014 07:30							Ended Journey Management. Rig crew still running casing.
Assessment Of Location Safety Meeting	02/21/2014 07:45							Met w/crew to discuss hazards of site, location of materials and safety precautions. Met with Company rep to get numbers and discuss when and where to spot equipment.
Comment	02/21/2014 08:00							Waiting for rig to finish running casing.
Pre-Rig Up Safety Meeting	02/21/2014 10:45							Met w/crew to discuss the best way to rig up, safety and hazards involved.
Rig-Up Equipment	02/21/2014 11:00							Rig up water, product, and iron as far as we can go.
Comment	02/21/2014 13:01							Rig can't set the Liner. Cement Crew on Standby until problem Resolved.
Pre-Job Safety Meeting	02/21/2014 16:15							Met w/Rig Crew, Co. Rep, and our crew to discuss job procedures, contingencies, and safety measures.

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Rig-Up Equipment	02/21/2014 16:30							Finish rigging up the iron.
Other	02/21/2014 16:42							Fill lines with fresh water for pressure test
Test Lines	02/21/2014 16:44							Pressure test iron to 5000 psi
Pump Spacer	02/21/2014 16:52		5	30	30		329.0	Pump Clean Spacer III @ 10.5 lb/gal.
Pump Cement	02/21/2014 17:03		5	105	135		438.0	Pumped 350 sks ExpandaCem Cement @ 13.8 lb/gal, 1.68 cuft/sk, 7.74 gal/sk.
Shutdown	02/21/2014 17:28						919.0	Shutdown.
Drop Top Plug	02/21/2014 17:33							Drop top plug. Wash pumps and lines out to the pit.
Pump Displacement	02/21/2014 17:34		5	74	209		42.0	Pump 74.2 bbls of Fresh Water w/ MMCR.
Pump Spacer	02/21/2014 17:53		4	10	219		2161.0	Pump 5 bbls Spacer in Liner and 5 bbls in the Drill Pipe.
Pump Displacement	02/21/2014 17:55		4	63	282		2264.0	Pump 62.9 bbls of Mud.
Bump Plug	02/21/2014 18:12		3	147	282		1942.0	Bump plug after 147 barrels of displacement gone. Over pressure to 2565 psi.
Check Floats	02/21/2014 18:18							Held for 5 min, check floats per Company Rep. Floats held. 1 bbl back.
Comment	02/21/2014 18:30							Rig reverse circulated the Well. We got 20 bbls of Cement back and around 35 bbls of spacer back.
End Job	02/21/2014 20:00							Job Complete Crew is released to start rigging down.
Post-Job Safety Meeting (Pre Rig-Down)	02/21/2014 20:05							Met w/crew to discuss rigging down safely.
Rig-Down Equipment	02/21/2014 20:15							Rig everything down.
Pre-Convoy Safety Meeting	02/21/2014 20:45							Met w/crew to discuss fit-for-duty, safety and hazards of travel back.
Depart Location for Service Center or Other Site	02/21/2014 21:00							Entered into Journey Management.

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Well Type: Development Well	Job Type: Cement Production Liner		
Sales Person: PLIENESS, RYAN	Srv Supervisor: SMITH, KC	MBU ID Emp #: 462378	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EAVES, WESTON	13.5	539193	GLEESON, JAY Christophe	13.5	560216	LEONE, BRIAN C	13.5	561735
SMITH, KC Hyrum	13.5	462378						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10951248	50 mile	10982754	50 mile	11036295C	50 mile	11501021	50 mile
11527037	50 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
2/21/2014	13.5	2						
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	21 - Feb - 2014	03:00	MST
Form Type		BHST	Job Started	21 - Feb - 2014	07:30	MST
Job depth MD	12400. ft	Job Depth TVD	Job Completed	21 - Feb - 2014	16:30	MST
Water Depth		Wk Ht Above Floor	Job Completed	21 - Feb - 2014	20:00	MST
Perforation Depth (MD)	From	To	Departed Loc	21 - Feb - 2014	21:00	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
6" Open Hole				6.25				8091.	12400.	7830.	7831.
4-1/2" Liner	New		4.5	3.92	13.5		P-110	7068.	12400.	7068.	7830.
7" Casing	Unknown		7.	6.094	32.	BTC	P-110	.	8091.		7068.
4" Drill Pipe	Unknown		4.	3.34	14.			.	7068.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CENTRALIZER SLIDER II 4 1/2" x 6"	175	EA		
SOLID STOP COLLAR 4-1/2", #0412-00SO	350	EA		
MILEAGE FOR CEMENTING CREW,ZI	50	MI		

Tools and Accessories

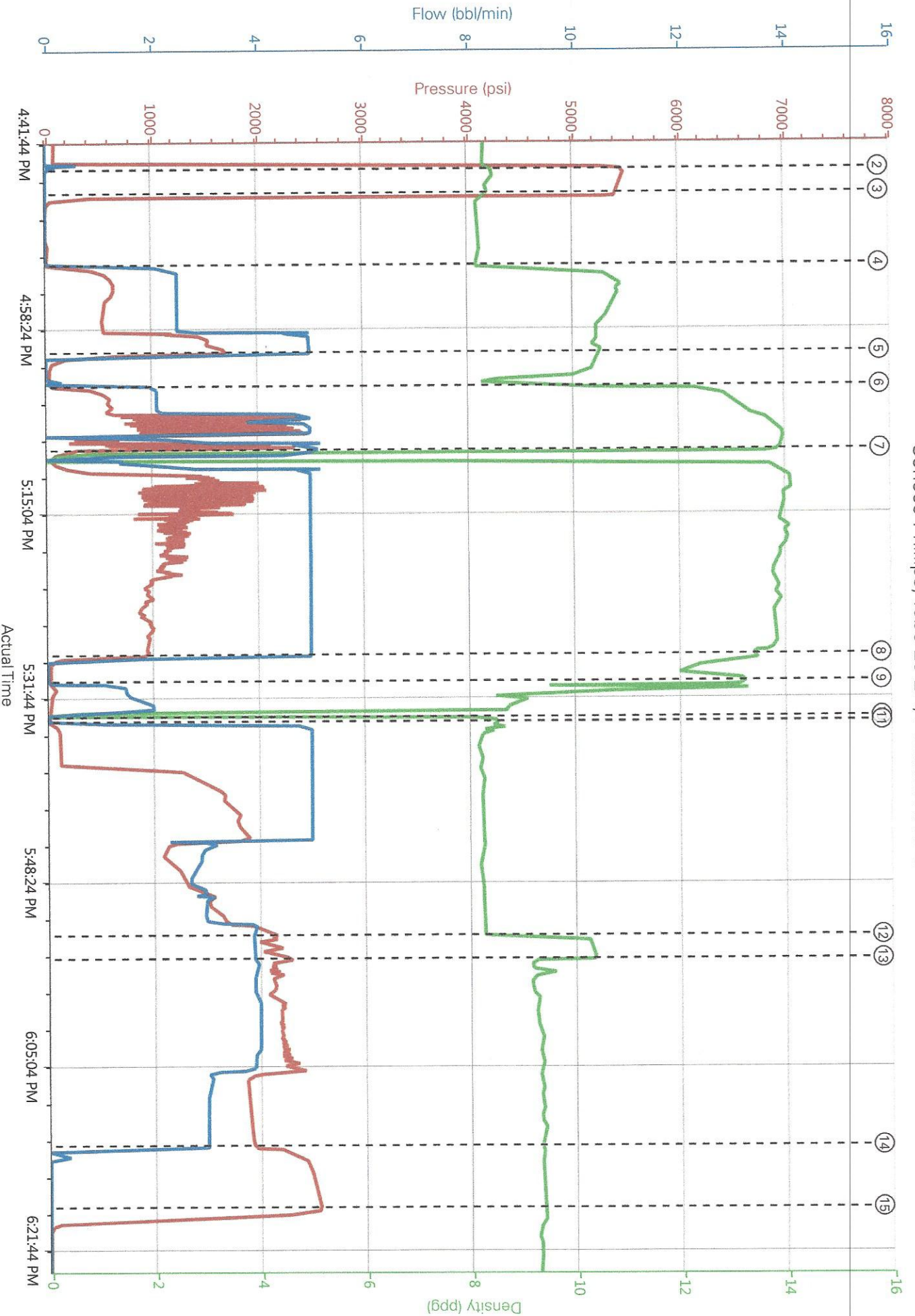
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	4.5	1	
Float Shoe	4.5"	1		12426	Bridge Plug					Bottom Plug			
Float Collar	4.5"	1		12336	Retainer					SSR plug set			
Insert Float										Plug Container	4.5	1	
Stage Tool										Centralizers			

Miscellaneous Materials

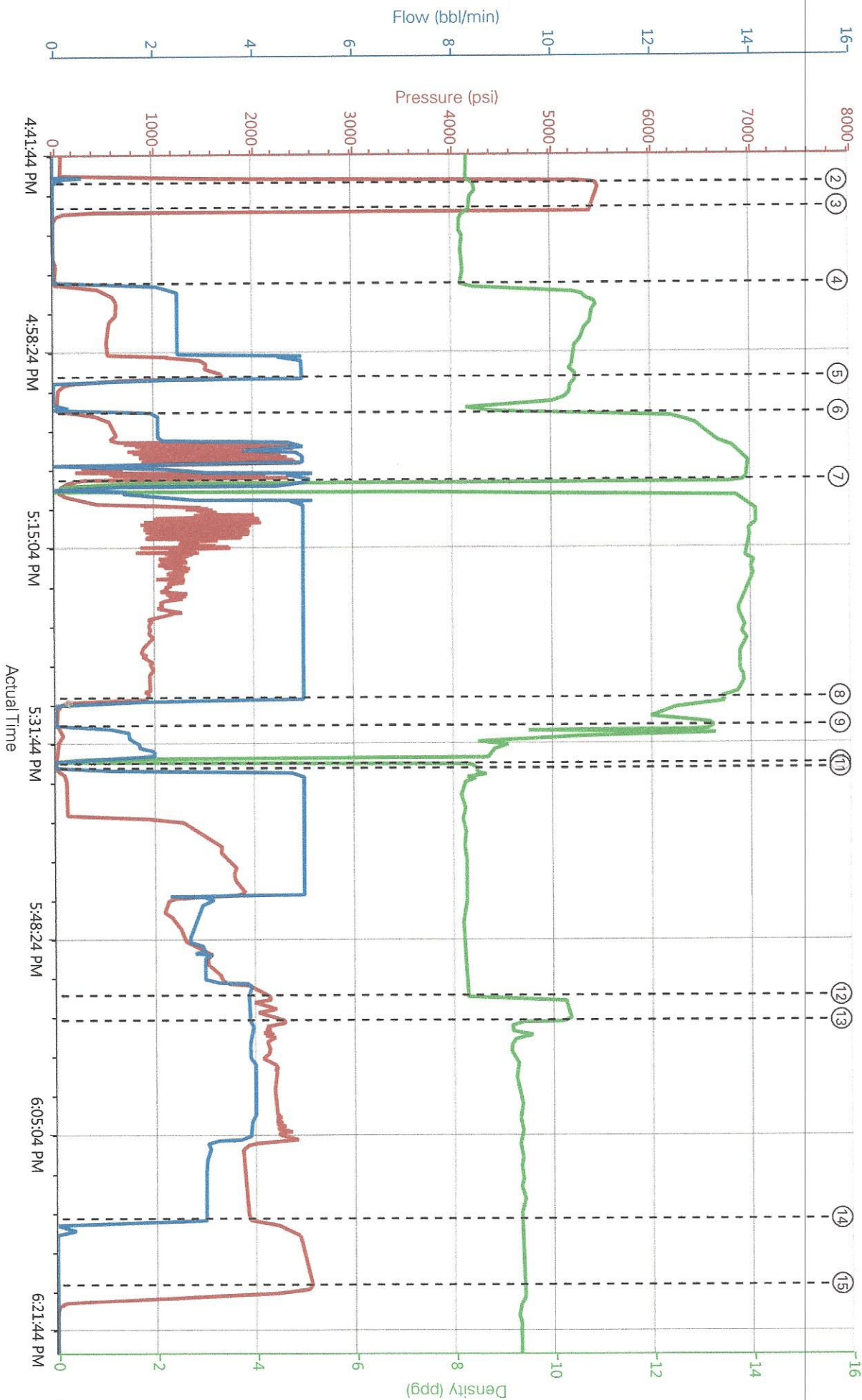
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Clean Spacer III		40.00	bbl	10.5	3.86	24.21	5.0			
2	EXPANDACEM B2	EXPANDACEM (TM) SYSTEM (452979)	350.0	sacks	13.8	1.68	7.74		7.74		
7.74 Gal		FRESH WATER									
3	Displacement with MMCR		80.00	bbl	8.34	.0	.0	5.0			
0.1 gal/bbl		MICRO MATRIX CEMENT RETARDER, 5 GAL PAIL (100003781)									
4	Displacement		147.0	bbl	.	.0	.0	5.0			
Calculated Values			Pressures			Volumes					
Displacement	147	Shut In: Instant		Lost Returns		Cement Slurry	105	Pad			
Top Of Cement		5 Min		Cement Returns	20	Actual Displacement	147	Treatment			
Frac Gradient		15 Min		Spacers	35	Load and Breakdown		Total Job			
Rates											
Circulating		Mixing	5	Displacement	5	Avg. Job	5				
Cement Left In Pipe	Amount	90 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							

Conoco Phillips, Tebo 29-2H, Production Liner



Conoco Phillips, Tebo 29-2H, Production Liner



① Prime Pumps 23;9.01;0 ④ Pump Spacer 1 329;8.44;2.3 ⑦ Lost Prime 116;0.79;5 ⑩ Drop Top Plug 6;8.52;0 ⑬ Pump Displacement 2264;9.18;3.9
 ② Test Lines 5495;8.48;0 ⑤ Shutdown to Mix Cement 661;10.5;0 ⑧ Shutdown 919;13.48;5 ⑪ Pump Displacement 42;8.43;2.4 ⑭ Bump Plug 1942;9.39;3
 ③ End Pressure Test 5401;8.36;0 ⑥ Pump Lead Cement 438;12.44;2.1 ⑨ Wash Pumps and Lines 27;13.12;1.1 ⑫ Pump Clean Spacer 2161;10.17;3.9 ⑮ Check Floats 2565;9.35;0

PS Pump Press (psi) DH Density (ppg) Comb Pump Rate (bbl/min)

Created: 2014-02-21 12:48:19, Version: 3.0.121

Edit

Field Ticket

Field Ticket Number: 901136140		Field Ticket Date: Saturday, February 22, 2014	
Bill To: CONOCO/PHILLIPS COMPANY EBUSINESS DO NOT MAIL-600 N DAIRY ASHFORD HOUSTON, TX 77079		Job Name: Tebo Order Type: Streamline Order (ZOH) Well Name: Tebo 29-2H Company Code: 1100 Customer PO No.: NA Shipping Point: Fort Lupton, CO, USA Sales Office: Rocky Mountains BD Well Type: Directional Oil Well Category: Development	
Ship To: TEBO -29- 2H,ARAPAHOE TEBO -29- 2H 3105548 S 28 T 4S R 64W WATKINS, CO 80137			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7525	CMT PRODUCTION LINER BOM	1	JOB	0.00	0.00	0.00	67%	0.00
2	MILEAGE FOR CEMENTING CREW,ZI	100	MI	0.00	5.76	576.00	67%	190.08
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	100	MI	0.00	9.79	979.00	67%	323.07
	Number of Units	1						
16100	ZI CMTG LINER/SHORT CSG STRING	1	EA	0.00	24,876.00	24,876.00	67%	8,209.08
	DEPTH	12436						
	FEET/METERS (FT/M)		FT					
114	R/A DENSOMETER W/CHART RECORDER,/JOB,Z	1	JOB	0.00	1,285.00	1,285.00	67%	424.05
	NUMBER OF UNITS	1						
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	0.00	2,275.00	2,275.00	67%	750.75
	NUMBER OF UNITS	1						
130104	PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA	0.00	2,549.00	2,549.00	67%	841.17
	DAYS OR PARTIAL DAY(WHOLE NO.)	1						
92	PORTABLE RADIOS, ZI	5	EA	0.00	92.00	460.00	67%	151.80
	NUMBER OF JOBS	1						
719269	SBM, CMT CleanSpacer III	40	BBL	0.00	250.00	10,000.00	67%	3,300.00
452979	EXPANDACEM (TM) SYSTEM	350	SK			53,372.10	67%	17,612.79
100003781	MICRO MATRIX RETARDER	10	GAL	0.00	104.47	1,044.70	67%	344.75
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	50	MI	0.00	3.35	3,673.28	67%	1,212.18
	NUMBER OF TONS	21.93						
3965	HANDLE&DUMP SVC CHRGR, CMT&ADDITIVES,ZI	587	CF	0.00	5.49	3,222.63	67%	1,063.47

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Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
	NUMBER OF EACH	1						
	Unit of Measurement		EA					
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	100	MI	0.00	0.24	24.00		24.00
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	100	MI	0.00	0.72	72.00		72.00
	Number of Units	1						
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	50	MI	0.00	0.24	263.16		263.16
	NUMBER OF TONS	21.93						
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	4	EA	0.00	241.00	964.00		964.00
				Totals	USD	105,852.87	69,889.52	35,963.35

Halliburton Rep:

KC SMITH

Customer Agent:

Richard Perez

Halliburton Approval

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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

35,963.35

Customer Signature

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

Comments

Customer Information Only

COP plant code

COP approver/user ID

Network#

Activity code

OLA Number