

The Road to Excellence Starts with Safety

Sold To #: 352431	Ship To #: 3193330	Quote #:	Sales Order #: 10003860900948299
Customer: CONOCO/PHILLIPS COMPANY EBUSINESS		Customer Rep: Johnson, Mike	
Well Name: Murphy Family	Well #: 4-64 36-1H	API/UWI #:	
Field: WILDCAT	City (SAP): WATKINS	County/Parish: Arapahoe	State: Colorado
Legal Description: Section 36 Township 4S Range 64W			
Contractor: H&P		Rig/Platform Name/Num: H&P 280	
Job Purpose: Plug Service - Whipstock			
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: GROFF, THEODORE		Srvc Supervisor: BONE, JEFFERSON	MBU ID Emp #: 491216

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BONE, JEFFERSON Eldon	13	491216	EAVES, WESTON	13	539193	KAISA, BRADLEY Mike	13	528102
SCOTT, BRANDON Weston	13	534182						

### Equipment

HES Unit #	Distance-1 way						
10951248	50 mile	11501021	50 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/7/13	13	1						

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
			On Location	06 - Dec - 2013	20:00	MST
Form Type	BHST		Job Started	07 - Dec - 2013	03:00	MST
Job depth MD	8020. ft	Job Depth TVD	Job Started	07 - Dec - 2013	13:10	MST
Water Depth	Wk Ht Above Floor		Job Completed	07 - Dec - 2013	13:59	MST
Perforation Depth (MD) From	To	Departed Loc	07 - Dec - 2013	16:00	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
8-3/4" Pilot Hole				8.75				2112.	8020.		
9-5/8" Casing	Mixed		9.625	8.921	36.	STC	J-55	.	2112.		
4" Drill Pipe	Unknown		4.	3.34	14.			.	6110.		
4" HWDP	Unknown		4.	2.	29.			6110.	7010.		
OH Whipstock Assembly	Unknown		6.625	2.				7010.	7023.		
2-7/8" Tubing	Unknown		2.875	2.441	6.4			7023.	8020.		

### 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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Clean Spacer III		35.00	bbl	10.5	.0	.0	.0		
	0.5 gal/bbl	SEM-7, 5 GAL PAIL (100003860)								
	0.5 gal/bbl	MUSOL(R) A, 5 GAL PAIL (100064220)								
2	PlugCem	PLUGCEM (TM) SYSTEM (452969)	355.0	sacks	15.8	1.52	6.19		6.19	
	35 %	SAND-SSA-1 - SILICA FLOUR - 200 MESH, BULK (100003691)								
	0.25 %	HR-5, 50 LB SK (100005050)								
	6.19 Gal	FRESH WATER								
3	Clean Spacer III		5.00	bbl	10.5	.0	.0	.0		
	0.5 gal/bbl	SEM-7, 5 GAL PAIL (100003860)								
	0.5 gal/bbl	MUSOL(R) A, 5 GAL PAIL (100064220)								
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating			Mixing			Displacement			Avg. Job	
Cement Left In Pipe		Amount	40 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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Field: WILDCAT	City (SAP): WATKINS	County/Parish: Arapahoe	State: Colorado
Legal Description: Section 36 Township 4S Range 64W			
Lat:		Long:	
Contractor: H&P		Rig/Platform Name/Num: H&P 280	
Job Purpose: Plug Service - Whipstock			Ticket Amount:
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: GROFF, THEODORE		Srv Supervisor: BONE, JEFFERSON	MBU ID Emp #: 491216

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/06/2013 20:00							
Safety Meeting - Departing Location	12/07/2013 01:00							ROAD HAZARDS, CONVOYS, ROUTE, DIRECTIONS, FIT FOR DUTY
Arrive at Location from Service Center	12/07/2013 03:00							RIG WAS SETTING WHIPSTOCK TOOL
Assessment Of Location Safety Meeting	12/07/2013 08:00							TRENCHES, RED ZONES, GUY WIRES, SPOTTING EQUIPMENT
Safety Meeting - Pre Rig-Up	12/07/2013 09:00							PINCH POINTS, LIFTING, OVERHEAD LOADS, LINE OF FIRE, SLIPS AND TRIPS
Rig-Up Equipment	12/07/2013 09:30							
Safety Meeting - Pre Job	12/07/2013 12:30							CONTINGENCIES, PRESSURE TEST, JOB ROLES, MUSTER AREAS, EMERGENCY VEHICLES
Start Job	12/07/2013 13:10							
Pressure Test	12/07/2013 13:10							PRESSURE TEST TO 2500 PSI
Pump Spacer 1	12/07/2013 13:12		4	35			570.0	35 BBLS OF 10.5 PPG CLEAN SPACER MIXED WITH RIG WATER
Pump Cement	12/07/2013 13:47		5	96			410.0	96 BBLS CMT 15.8 PPG 1.52 Y 6.19 W MIXED WITH RIG WATER

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Quote #:

Sales Order #: 100003860900948299

SUMMIT Version: 7.3.0106

Saturday, December 07, 2013 03:41:00

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer 2	12/07/2013 13:47		5	5			10.0	5 BBLS OF 10.5 PPG CLEAN SPACER MIXED WITH RIG WATER
Pump Displacement	12/07/2013 13:52		6	57			210.0	57 BBLS OF MUD DISPLACEMENT
End Job	12/07/2013 13:59							
Safety Meeting - Pre Rig-Down	12/07/2013 14:30							LIFTING, PINCH POINTS, LINE OF FIRE, OVERHEAD LOADS
Rig-Down Equipment	12/07/2013 14:45							
Safety Meeting - Departing Location	12/07/2013 15:45							ROUTE, CONVOY, FIT FOR DUTY, HOURS OF SERVICE, ROAD HAZARDS
Depart Location for Service Center or Other Site	12/07/2013 16:00							

Sold To # : 352431

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Quote # :

Sales Order # : 100003860900  
948299

SUMMIT Version: 7.3.0106

Saturday, December 07, 2013 03:41:00

## HALLIBURTON ENERGY SERVICES

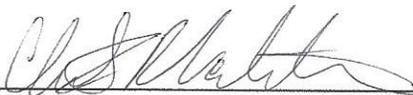
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### M. S. D. S. RECEIPT DOCUMENT

This receipt page is intended for use with Material Safety Data Sheets supplied by Halliburton Energy Services. The recipients of these data sheets should consult the OSHA Safety and Health Standards (29 CFR 1910), particularly subpart G - Occupational Health and Environmental Control, and subpart I - Personal Protective Equipment, for general guidance on control of potential Occupational Health and Safety Hazards.

This document provides the customer the instructions necessary to utilize the M. S. D. S. Safety Sheets and confirms that Halliburton Energy Services offers the Customer the communication for discussion on Chemical Safety of the provided materials.



Customer Signature

Company :

CONOCO/PHILLIPS COMPANY EBUSINESS

Lease, Well Name, Nbr :

MURPHY FAMILY, MURPHY FAMILY, 4-64 36-1H

Ticket # :

100003860900948299

Location :

FORT LUPTON, CO, USA

(To be completed by Service Supervisor)