

The Road to Excellence Starts with Safety

| | | | |
|---|---------------------|------------------------------------|-----------------------------------|
| Sold To #: 352431 | Ship To #: 3193330 | Quote #: | Sales Order #: 100003860900948299 |
| 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 | | Srv 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 | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | 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 |
|------------------------|----------------------|-------------------|--------|---------------|-----------------|-------|-----------|
| Form Type | 8020. ft | BHST | | On Location | 07 - Dec - 2013 | 03:00 | MST |
| Job depth MD | | 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 ³ /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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| 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 | | | |
| 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 |

Sold To # : 352431

Ship To # : 3193330

Quote # :

Sales Order # : 100003860900
948299

SUMMIT Version: 7.3.0106

Saturday, December 07, 2013 03:41:00

Cementing Job Log

| 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 | | | | | | | |

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948299

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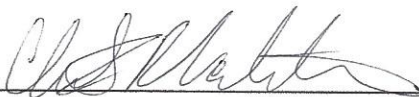
Saturday, December 07, 2013 03:41:00

**HALLIBURTON ENERGY
SERVICES**

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)