
NOBLE ENERGY INC E-BUSINESS

**HYRUP 2-34C
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
29-Oct-2010

Post Job Report

The Road to Excellence Starts with Safety

| | | | |
|---|----------------------------|---|-------------------------------|
| Sold To #: 345242 | Ship To #: 2815476 | Quote #: | Sales Order #: 7731806 |
| Customer: NOBLE ENERGY INC E-BUSINESS | | Customer Rep: ROBERTS, DEVON | |
| Well Name: HYRUP | | Well #: 2-34C | API/UWI #: |
| Field: GRAND VALLEY | City (SAP): DEBEQUE | County/Parish: Garfield | State: Colorado |
| Lat: N 39.373 deg. OR N 39 deg. 22 min. 22.465 secs. | | Long: W 108.073 deg. OR W -109 deg. 55 min. 37.103 secs. | |
| Contractor: H&P Drilling | | Rig/Platform Name/Num: H&P 322 | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: METLI, MARSHALL | | Srvc Supervisor: LEIST, JAMES | MBU ID Emp #: 362787 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|------------------|---------|--------|-------------------------|---------|--------|--------------------|---------|--------|
| ANGLESTEIN, TROY | 4 | 436099 | BLACKMORE, JASON A | 4 | 287012 | GAMBLE, BENJAMIN T | 4 | 446666 |
| LEIST, JAMES R | 4 | 362787 | LYNGSTAD, FREDRICK D | 4 | 403742 | | | |

Equipment

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10783493 | 60 mile | 10784064 | 60 mile | 10822007 | 60 mile | 10872429 | 60 mile |
| 11006314 | 60 mile | 11259882 | 60 mile | 11360883 | 60 mile | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|----------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 10-29-10 | 8 | 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 | 28 - Oct - 2010 | 20:00 | MST |
| Form Type | | BHST | Job Started | 28 - Oct - 2010 | 23:00 | MST |
| Job depth MD | 1474. ft | Job Depth TVD | 1474. ft | Job Started | 29 - Oct - 2010 | 05:56 |
| Water Depth | | Wk Ht Above Floor | 4. ft | Job Completed | 29 - Oct - 2010 | 06:52 |
| Perforation Depth (MD) | From | To | Departed Loc | 29 - Oct - 2010 | 09:30 | 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 |
|--|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| Sales/Rental/3rd Party (HES) | | | | | | | | | | | |

| Description | Qty | Qty uom | Depth | Supplier |
|--|-----|---------|-------|----------|
| PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA | 1 | EA | | |
| R/A DENSOMETER W/CHART RECORDER, /JOB, ZI | 1 | JOB | | |
| PORT. DAS W/CEMWIN; ACQUIRE W/HES, ZI | 1 | JOB | | |
| ADC (AUTO DENSITY CTRL) SYS, /JOB, ZI | 1 | JOB | | |

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|-------|-----|------|
| Guide Shoe | | | | | Packer | | | | | Top Plug | 8.625 | 1 | |
| 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 | Water Spacer | | 20.00 | bbl | 8.33 | .0 | .0 | .0 | |
| 2 | Lead Cement | VERSACEM (TM) SYSTEM (452010) | 220.0 | sacks | 12.3 | 2.38 | 13.75 | | 13.75 |
| | 13.75 Gal | FRESH WATER | | | | | | | |
| 3 | Tail Cement | VERSACEM (TM) SYSTEM (452010) | 136.0 | sacks | 12.8 | 2.11 | 11.75 | | 11.75 |
| | 11.75 Gal | FRESH WATER | | | | | | | |
| 4 | Displacement | | 91.00 | bbl | 8.33 | .0 | .0 | .0 | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 91 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 144 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 10 | Actual Displacement | 80 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 20 | Load and Breakdown | | Total Job | |
| Rates | | | | | | | | | |
| Circulating | | Mixing | 6 | Displacement | 10 | Avg. Job | 7 | | |
| Cement Left In Pipe | Amount | 172 ft | Reason | Shoe Joint, SHUTDOWN EARLY | | | | | |
| 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 | | | | | |

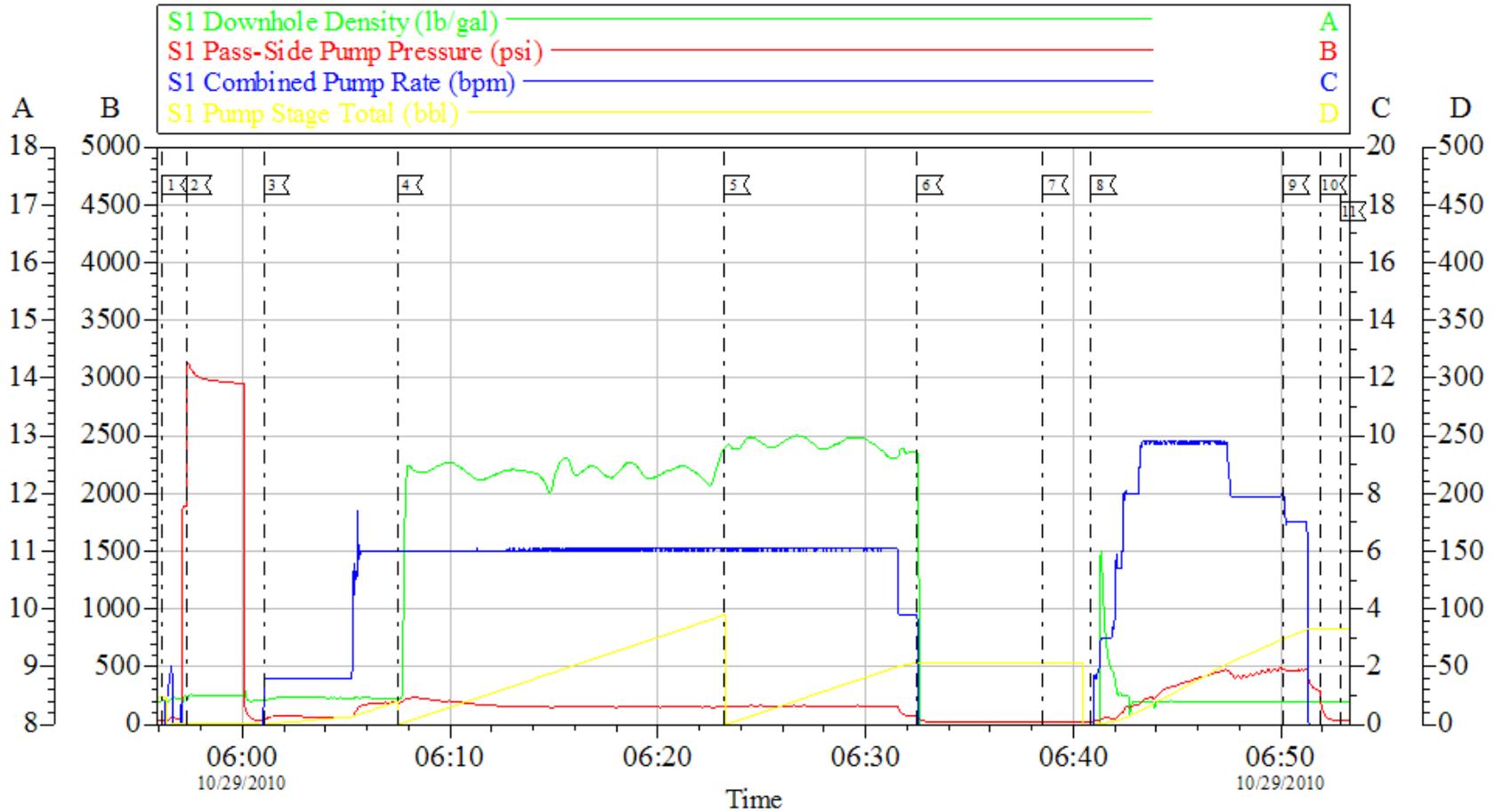
The Road to Excellence Starts with Safety

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| Field: GRAND VALLEY | City (SAP): DEBEQUE | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: N 39.373 deg. OR N 39 deg. 22 min. 22.465 secs. | | Long: W 108.073 deg. OR W -109 deg. 55 min. 37.103 secs. | |
| Contractor: H&P Drilling | | Rig/Platform Name/Num: H&P 322 | |
| Job Purpose: Cement Surface Casing | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: METLI, MARSHALL | | Srvc Supervisor: LEIST, JAMES | MBU ID Emp #: 362787 |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 10/28/2010 20:00 | | | | | | | TP- 1474, TD-1510, S.J.-42.08, HOLE- 12 1/4, MUD#-9.1 |
| Pre-Convoy Safety Meeting | 10/28/2010 21:30 | | | | | | | WITH ALL HES PERSONNEL |
| Crew Leave Yard | 10/28/2010 21:45 | | | | | | | RIG CIRULATED FOR 2 HOURS PRIOR TO CMT JOB AT 100 SK/MIN WITH 98 PSI |
| Arrive At Loc | 10/28/2010 23:00 | | | | | | | RUNNING CASING |
| Assessment Of Location Safety Meeting | 10/29/2010 03:00 | | | | | | | WITH ALL HES PERSONNEL |
| Pre-Rig Up Safety Meeting | 10/29/2010 03:30 | | | | | | | WITH ALL HES PERSONNEL |
| Rig-Up Completed | 10/29/2010 04:45 | | | | | | | THIS JOB WAS PUMPED OFF LINE THROUGH SWEGE NO CMT HEAD WAS USED |
| Pre-Job Safety Meeting | 10/29/2010 05:30 | | | | | | | WITH ALL ON LOCATION PERSONNEL |
| Start Job | 10/29/2010 05:56 | | | | | | | GOOD CIRULATION THROUGHOUT JOB, NO PIPE MOVEMENT DURING JOB |
| Pressure Test | 10/29/2010 05:57 | | | | | | | 2980 PSI |
| Pump Spacer 1 | 10/29/2010 06:01 | | 6 | 20 | | | 170.0 | FRESH WATER |
| Pump Lead Cement | 10/29/2010 06:07 | | 6 | 93 | | | 215.0 | 220 SKS, 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|-----------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Tail Cement | 10/29/2010 06:23 | | 6 | 51 | | | 160.0 | 136 SKS, 12.8 PPG, 2.11 FT3/SK, 11.75 GAL/SK |
| Shutdown | 10/29/2010 06:32 | | | | | | | |
| Drop Top Plug | 10/29/2010 06:38 | | | | | | | AWAY |
| Pump Displacement | 10/29/2010 06:40 | | 10 | 80 | | | 480.0 | FRESH WATER |
| Slow Rate | 10/29/2010 06:50 | | 4 | 75 | | | 410.0 | TO BUMP PLUG |
| Check Floats | 10/29/2010 06:51 | | | | | | | THE FLOATS ARE HOLDING, DID NOT BUMP PLUG SHUTDOWN AT 80 BBLS GONE PER COMPANY REP WE GOT 10 BBLS GOOD CMT TO SURFACE THAT LEAVES 11 BBLS, 172 FEET IN 8 5/8 CASING |
| End Job | 10/29/2010 06:52 | | | | | | | |
| Pre-Rig Down Safety Meeting | 10/29/2010 07:00 | | | | | | | WITH ALL HES PERSONNEL |
| Rig-Down Completed | 10/29/2010 08:30 | | | | | | | |
| Pre-Convoy Safety Meeting | 10/29/2010 09:00 | | | | | | | WITH ALL HES PERSONNEL |
| Crew Leave Location | 10/29/2010 09:30 | | | | | | | |
| Comment | 10/29/2010 09:30 | | | | | | | THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW |

NOBLE 8 5/8 SURFACE CASING



| Local Event Log | | | | | | | | |
|-----------------|---------------|----------|----|------------------|----------|---|-----------------|----------|
| 1 | START JOB | 05:56:07 | 2 | PRESSURE TEST | 05:57:18 | 3 | PUMP H2O SPACER | 06:01:02 |
| 4 | PUMP LEAD CMT | 06:07:28 | 5 | PUMP TAIL CMT | 06:23:12 | 6 | SHUTDOWN | 06:32:29 |
| 7 | DROP TOP PLUG | 06:38:31 | 8 | PUMP DISPLACMENT | 06:40:51 | 9 | SLOW RATE | 06:50:08 |
| 10 | CHECK FLOATS | 06:51:56 | 11 | END JOB | 06:52:51 | | | |

| | | |
|-------------------------------|--------------------------------|------------------------|
| Customer: NOBLE | Job Date: 29-Oct-2010 | Sales Order #: 7731806 |
| Well Description: HYRUP 2-34C | Job Type: SURFACE | ADC Used: YES |
| Company Rep: DEVON ROBERTS | Cement Supervisor: JAMES LEIST | Elite #:7 TRACY GAMBLE |

HALLIBURTON
 OptiCem v6.3.4
 29-Oct-10 07:06