

HALLIBURTON

NOBLE ENERGY INC E-BUSINESS

Dechant USX X 01-06
Wattenberg
Weld County , Colorado

Squeeze Hole in Casing

23-Apr-2013

Job Site Documents

The Road to Excellence Starts with Safety

| | | | |
|---------------------------------------|--------------------|----------------------------------|--------------------------|
| Sold To #: 345242 | Ship To #: 2993050 | Quote #: | Sales Order #: 900384358 |
| Customer: NOBLE ENERGY INC E-BUSINESS | | Customer Rep: Burns, Pete | |
| Well Name: Dechant USX X | | Well #: 01-06 | API/UWI #: |
| Field: Wattenberg | City (SAP): HUDSON | County/Parish: Weld | State: Colorado |
| Contractor: Noble | | Rig/Platform Name/Num: Workover | |
| Job Purpose: Squeeze Hole in Casing | | | |
| Well Type: Development Well | | Job Type: Squeeze Hole in Casing | |
| Sales Person: FLING, MATTHEW | | Srv Supervisor: NIELSON, BRANDON | MBU ID Emp #: 479703 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|-----------------------|---------|--------|-------------------------|---------|--------|--------------------------|---------|--------|
| BARNES, BRIAN L | 4.5 | 485204 | BARRAS, JOSEPH Corey | 4.5 | 405168 | DODSON, RICHARD Bryan | 4.5 | 518192 |
| NIELSON, BRANDON K | 4.5 | 479703 | SIMS, DENNIS A | 4.5 | 158880 | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 11106651 | 20 mile | 11362287C | 20 mile | 12010166 | 20 mile | 12010172 | 20 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

| Formation Name | Job | | | Job Times | | | |
|------------------------|---------|-------------------|---------|---------------|-----------------|-----------|-----|
| Formation Depth (MD) | Top | Bottom | | Date | Time | Time Zone | |
| Form Type | | BHST | | Called Out | 23 - Apr - 2013 | 08:30 | MST |
| Job depth MD | 623. ft | Job Depth TVD | 623. ft | On Location | 23 - Apr - 2013 | 13:00 | MST |
| Water Depth | | Wk Ht Above Floor | 4. ft | Job Started | 23 - Apr - 2013 | 14:50 | MST |
| Perforation Depth (MD) | From | To | | Job Completed | 23 - Apr - 2013 | 16:15 | MST |
| | | | | Departed Loc | 23 - Apr - 2013 | 17:30 | 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 |
|-------------|---------------|-------------------------|------------|----------|------------------|--------|-------|--------------|--------------------|------------------|---------------------|
|-------------|---------------|-------------------------|------------|----------|------------------|--------|-------|--------------|--------------------|------------------|---------------------|

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|------|-----|------|
| Guide Shoe | | | | | Packer | | | | 544 | 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 ft3/sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |

| Stage/Plug #: 1 | | | | | | | | | |
|-----------------|-----------------|-------------------------------|-------|---------|--------------------|-----------|---------------|----------|---------------------|
| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density uom | Yield uom | Mix Fluid uom | Rate uom | Total Mix Fluid uom |
| 1 | SUPER FLUSH 101 | SUPER FLUSH 101 - SBM (12199) | 20.00 | bbl | 10. | .0 | .0 | .0 | |

HALLIBURTON

Cementing Job Summary

| 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 |
| 2 | Calcium Chloride Spacer | | 20.00 | bbl | . | .0 | .0 | .0 | |
| 30 lbm/bbl | | CALCIUM CHLORIDE, PELLET, 50 LB (101509387) | | | | | | | |
| 3 | Tail Cement | SQUEEZECM (TM) SYSTEM (452971) | 150.0 | sacks | 15.8 | 1.15 | 5.0 | | 5.0 |
| 5 Gal | | FRESH WATER | | | | | | | |
| 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 | 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 | | | | | |