
NOBLE ENERGY INC E-BUSINESS

State Farm 36-11
WATTENBERG
Weld County , Colorado

Recement Service
11-Feb-2013

Job Site Documents

The Road to Excellence Starts with Safety

| | | | | | | | |
|---|-------------------|--|----------------------------------|--|-------------------------|---------------------------|-------------------|
| Sold To #: 345242 | | Ship To #: 2980014 | | Quote #: | | Sales Order #: 900207672 | |
| Customer: NOBLE ENERGY INC E-BUSINESS | | | | Customer Rep: Swift, Carl | | | |
| Well Name: State Farm | | | Well #: 36-11 | | API/UWI #: 05-123-13369 | | |
| Field: WATTENBERG | | City (SAP): EVANS | | County/Parish: Weld | | State: Colorado | |
| Lat: N 40.36 deg. OR N 40 deg. 21 min. 37.796 secs. | | | | Long: W 104.604 deg. OR W -105 deg. 23 min. 44.164 secs. | | | |
| Contractor: Workover | | | Rig/Platform Name/Num: ENSIGN3 | | | | |
| Job Purpose: Recement Service | | | | | | | |
| Well Type: Development Well | | | | Job Type: Recement Service | | | |
| Sales Person: AARON, WESLEY | | | Srcv Supervisor: LAVALLEY, LARRY | | MBU ID Emp #: 419296 | | |
| Job Personnel | | | | | | | |
| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs |
| CHISLUM, DENNIS | 1.5 | 512130 | LAVALLEY, LARRY P | 1.5 | 419296 | SMITH, AARON David | 1.5 |
| Equipment | | | | | | | |
| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
| 10679720C | 32 mile | 11410470C | 32 mile | 11518549 | 32 mile | 11645065 | 32 mile |
| Job Hours | | | | | | | |
| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours |
| 2/11/13 | 2 | 1 | | | | | |
| TOTAL | | Total is the sum of each column separately | | | | | |
| Job | | | | Job Times | | | |
| Formation Name | | | | Date | | Time | |
| Formation Depth (MD) Top | | Bottom | | Called Out | | 11 - Feb - 2013 05:00 MST | |
| Form Type | | BHST | | On Location | | 11 - Feb - 2013 08:15 MST | |
| Job depth MD 561. ft | | Job Depth TVD 561. ft | | Job Started | | 11 - Feb - 2013 09:25 MST | |
| Water Depth | | Wk Ht Above Floor 6. ft | | Job Completed | | 11 - Feb - 2013 10:00 MST | |
| Perforation Depth (MD) From | | To | | Departed Loc | | 11 - Feb - 2013 10:45 MST | |
| Well Data | | | | | | | |
| Description | New / Used | Max pressure psig | Size in | ID in | Weight lbm/ft | Thread | Grade |
| 10" Open Hole | | | | 9. | | | |
| 12" Open Hole | | | | 12. | | | |
| 4 1/2" Production Casing | Unknown | | 4.5 | 4. | 11.6 | | |
| Surface Casing | Used | | 8.625 | 8.097 | 24. | | J-55 |
| 1 1/4" tubing | Used | | 1.25 | .671 | 3.02 | | P-105 |
| Tools and Accessories | | | | | | | |
| Type | Size | Qty | Make | Depth | Type | Size | Qty |
| Guide Shoe | | | | | Packer | | |
| Float Shoe | | | | | Bridge Plug | | |
| Float Collar | | | | | Retainer | | |
| Insert Float | | | | | | | |
| Stage Tool | | | | | | | |
| Miscellaneous Materials | | | | | | | |
| Gelling Agt | | Conc | | Surfactant | | Conc | |
| Treatment Fld | | Conc | | Inhibitor | | Conc | |
| Fluid Data | | | | | | | |
| Stage/Plug #: 1 | | | | | | | |
| Fluid # | Stage Type | Fluid Name | | Qty | Qty uom | Mixing Density lbm/gal | Yield ft3/sk |
| | | | | | | | |

HALLIBURTON***Cementing Job Summary***

| | | | | | | | | | |
|--|--------------|-----------------------------|--------|-----------------------------------|------|---------------------|------|-----------|------|
| 1 | 15.8# Cement | HALCEM (TM) SYSTEM (452986) | 230.0 | sacks | 15.8 | 1.15 | 4.99 | 2.0 | 4.99 |
| 4.989 Gal | | FRESH WATER | | | | | | | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 1.5 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 47 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 8 | Actual Displacement | 1.5 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 4 | Load and Breakdown | | Total Job | 52.5 |
| Rates | | | | | | | | | |
| Circulating | | Mixing | 1.5 | Displacement | 1.5 | Avg. Job | 1.5 | | |
| 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 | | | | | |