

SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado

SRC M&T Farms 10DD

Ensign 33

Post Job Summary

Cement Production Casing

Prepared for:
Date Prepared:
Version: 1

Don Libhart
7/24/2010

Service Supervisor: Irv Collins

Submitted by: Wes Aaron

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Service Supervisor Reports

Job Log

| Date/Time | Chart # | Activity Code | Pump Rate | Cum Vol | Pump | | Pressure (psig) | Comments |
|------------------|---------|-------------------|-----------|---------|------|--|-----------------|---|
| 07/24/2010 05:30 | | Arrive At Loc | | | | | | |
| 07/24/2010 07:00 | | Safety Meeting | | | | | | |
| 07/24/2010 07:26 | | Test Lines | | | | | | 3800PSI |
| 07/24/2010 07:31 | | Pump Spacer 1 | 4 | 20 | | | 260.0 | RIG WATER |
| 07/24/2010 07:37 | | Pump Spacer 2 | 4 | 24 | | | 288.0 | MUDFLUSH MIXED WITH RIG WATER |
| 07/24/2010 07:42 | | Pump Spacer 1 | 4 | 20 | | | 326.0 | RIG WATER |
| 07/24/2010 07:45 | | Pump Lead Cement | 8 | 141 | | | 340.0 | 405SK'S OF ECONOCEM AT 12.5# MIXED WITH RIG WATER |
| 07/24/2010 08:10 | | Pump Tail Cement | 7.5 | 71 | | | 175.0 | 235SK'S OF FRACCEM AT 13.5# MIXED WITH RIG WATER |
| 07/24/2010 08:22 | | Shutdown | | | | | | |
| 07/24/2010 08:23 | | Drop Top Plug | | | | | | |
| 07/24/2010 08:23 | | Clean Lines | | | | | | |
| 07/24/2010 08:26 | | Pump Displacement | | 114.8 | | | 1200.0 | RIG WATER MIXED WITH CLAYFIX |
| 07/24/2010 08:45 | | Bump Plug | | | | | 1490.0 | BUMPED PLUG AROUND 2725PSI |
| 07/24/2010 08:47 | | End Job | | | | | | DRILLING MUD BACK TO THE PIT |

The Road to Excellence Starts with Safety

| | | | |
|---|-----------------------|------------------------------------|------------------------|
| Sold To #: 359915 | Ship To #: 2796700 | Quote #: | Sales Order #: 7520402 |
| Customer: SYNERGY RESOURCES CORPORATION | | Customer Rep: Libhart, Don | |
| Well Name: SRC M&T Farms | | Well #: 10DD | API/UWI #: |
| Field: WATTENBERG | City (SAP): JOHNSTOWN | County/Parish: Weld | State: Colorado |
| Contractor: Ensign | | Rig/Platform Name/Num: 33 | |
| Job Purpose: Cement Production Casing | | | |
| Well Type: Development Well | | Job Type: Cement Production Casing | |
| Sales Person: FLING, MATTHEW | | Srvc Supervisor: COLLINS, IRVIN | MBU ID Emp #: 401749 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|---------------------|---------|--------|------------------------|---------|--------|-------------------|---------|--------|
| BANUELOS, GUADALUPE | | 372277 | COLLINS, IRVIN Douglas | | 401749 | VASQUEZ, ALVARO A | | 401745 |
| VIGIL, DANIEL Paul | | 471469 | | | | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| | | | | | | | |

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**Job Times**

| Formation Name | | | | | | | | |
|------------------------|-----------|-------------------|-----------|--|---------------|-----------------|-------|-----------|
| Formation Depth (MD) | Top | Bottom | | | Called Out | Date | Time | Time Zone |
| Form Type | | BHST | | | On Location | 24 - Jul - 2010 | 02:30 | MST |
| Job depth MD | 7417.5 ft | Job Depth TVD | 7417.5 ft | | Job Started | 24 - Jul - 2010 | 05:30 | MST |
| Water Depth | | Wk Ht Above Floor | 4. ft | | Job Completed | 24 - Jul - 2010 | 07:31 | MST |
| Perforation Depth (MD) | From | To | | | Departed Loc | 24 - Jul - 2010 | 08:47 | MST |
| | | | | | | | 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 |
|-------------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| Open Hole | | | | 7.875 | | | | 565. | 7457. | . | . |
| Production Casing | New | | 4.5 | 4. | 11.6 | | | . | 7417.6 | | |
| Surface Casing | New | | 8.625 | 8.097 | 24. | | J-55 | . | 565. | . | . |

Sales/Rental/3rd Party (HES)

| Description | Qty | Qty uom | Depth | Supplier |
|--|-----|---------|-------|----------|
| SHOE,FLT,4-1/2 8RD,2-3/4 SSII | 1 | EA | | |
| CLR,FLT,4-1/2 8RD,9.5-13.5PPF,2-3/4 | 1 | EA | | |
| CENTRALIZER ASSY - API - 4-1/2 CSG X | 30 | EA | | |
| CLAMP - LIMIT - 4-1/2 - HINGED - | 1 | EA | | |
| KIT,HALL WELD-A | 1 | EA | | |
| PLUG ASSY - 3W LATCHDOWN - 4-1/2 IN | 1 | EA | | |
| BAFFLE ASSY - 4-1/2 8RD LATCHDOWN PLUG | 1 | EA | | |

| 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 ft3/sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk | | | | |
| 1 | Water Spacer | | | | 20.00 | bbl | 8.33 | .0 | .0 | 5.0 | | | | | |
| 2 | MUD FLUSH III | MUD FLUSH III - SBM (528788) | | | 24.00 | bbl | 8.4 | .0 | .0 | 5.0 | | | | | |
| 3 | WATER SPACER | | | | 20.00 | bbl | . | .0 | .0 | .0 | | | | | |
| 4 | Cement 12.5# | ECONOCEM (TM) SYSTEM (452992) | | | 405.0 | sacks | 12.5 | 1.96 | 10.7 | 5.0 | 10.7 | | | | |
| | 10.696 Gal | FRESH WATER | | | | | | | | | | | | | |
| 5 | Cement 13.5# | FRACCEM (TM) SYSTEM (452963) | | | 235.0 | sacks | 13.5 | 1.7 | 8.16 | 5.0 | 8.16 | | | | |
| | 8.162 Gal | FRESH WATER | | | | | | | | | | | | | |
| 6 | DISPLACEMENT | | | | 115.00 | bbl | . | .0 | .0 | .0 | | | | | |
| 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 | | 7.34 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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No Chart