

HALLIBURTON

**SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado**

SRC 31-5D

ENSIGN 122

Post Job Summary **Cement Production Casing**

Prepared for: Don Libhart
Date Prepared: 11/16/09
Version: 1

Service Supervisor: Rick Congdon

Submitted by: Tim Gilchrist

HALLIBURTON

HALLIBURTON

**SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado**

SRC 31-5D

ENSIGN 122

Post Job Summary Cement Production Casing

Prepared for: Don Libhart
Date Prepared: 11/16/09
Version: 1

Service Supervisor: Rick Congdon

Submitted by: Tim Gilchrist

HALLIBURTON

HALLIBURTON

Service Supervisor Reports

Job Log

| Date/Time | Chart # | Activity Code | Pump Rate | Cum Vol | Pump | Pressure (psig) | Comments |
|------------------|---------|-------------------|-----------|---------|------|-----------------|---|
| 11/16/2009 04:55 | | Start Job | | | | | RIG CIRCULATED WELL 2 HOUR PRIOR TO CEMENTING |
| 11/16/2009 04:56 | | Test Lines | | | | 2333.0 | |
| 11/16/2009 04:58 | | Pump Spacer 1 | 4 | 10 | | 175.0 | RIG WATER WITH NO ADDITIVES |
| 11/16/2009 05:02 | | Pump Spacer 2 | 5 | 24 | | 244.0 | RIG WATER WITH 80# MUDFLUSH III ADDED |
| 11/16/2009 05:11 | | Pump Lead Cement | 8 | 89 | | 529.0 | 200 SACKS VERSACEM MIXED @ 12.0# WITH RIG WATER |
| 11/16/2009 05:24 | | Pump Tail Cement | 8 | 105 | | 169.0 | 300 SACKS VERSACEM MIXED @ 13.0# WITH RIG WATER |
| 11/16/2009 05:39 | | Shutdown | | | | | TO WASH PUMP AND LINES |
| 11/16/2009 05:40 | | Clean Lines | | | | | |
| 11/16/2009 05:42 | | Drop Top Plug | | | | | PRELOADED LATCHDOWN TOP PLUG |
| 11/16/2009 05:44 | | Pump Displacement | 8 | 117 | | 143.0 | RIG WATER WITH 2.5 GAL/MGAL ADDED |
| 11/16/2009 06:02 | | Bump Plug | 3 | | | 1249.0 | CALCULATED PRESSURE TO LAND PLUG WAS 1140 PSI |
| 11/16/2009 06:04 | | Check Floats | | | | 2353.0 | FLOATS HELD |
| 11/16/2009 06:06 | | End Job | | | | | |

The Road to Excellence Starts with Safety

| | | | | | | | |
|---|--|-----------------------------------|--|--|--|------------------------|--|
| Sold To #: 359915 | | Ship To #: 2754053 | | Quote #: | | Sales Order #: 7009210 | |
| Customer: SYNERGY RESOURCES CORPORATION | | | | Customer Rep: Libhart, Don | | | |
| Well Name: SRC | | Well #: 31-5D | | API/UWI #: 05-123-30075-00 | | | |
| Field: WATTENBERG | | City (SAP): SEVERANCE | | County/Parish: Weld | | State: Colorado | |
| Legal Description: Section SWSE32 Township 6N Range 66W | | | | | | | |
| Lat: N 40.44 deg. OR N 40 deg. 26 min. 22.452 secs. | | | | Long: W 104.8 deg. OR W-105 deg. 12 min. 0.036 secs. | | | |
| Contractor: ENSIGN | | Rig/Platform Name/Num: ENSIGN122 | | | | | |
| Job Purpose: Cement Production Casing | | | | | | | |
| Well Type: Development Well | | | | Job Type: Cement Production Casing | | | |
| Sales Person: FLING, MATTHEW | | Srvc Supervisor: CONGDON, RICHARD | | MBU ID Emp #: 320306 | | | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|------------------------|---------|--------|-------------------|---------|--------|-----------------------|---------|--------|
| CONGDON, RICHARD S. | | 320306 | LAVALLEY, LARRY P | | 419296 | RAMOS, REFUGIO Castro | | 435413 |
| VIGIL, NICHOLAS Joseph | | 443481 | | | | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10248060C | 40 mile | 10857012C | 40 mile | 10866497C | 40 mile | 10948695 | 40 mile |
| 11341988P | 40 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

Job Times

| Formation Name | Formation Depth (MD) | Top | Bottom | Called Out | Date | Time | Time Zone |
|------------------------|----------------------|-----|-------------------|---------------|-----------------|-------|-----------|
| Form Type | | | BHST | On Location | 16 - Nov - 2009 | 02:30 | MST |
| Job depth MD | 7537. ft | | Job Depth TVD | Job Started | 16 - Nov - 2009 | 04:55 | MST |
| Water Depth | | | Wk Ht Above Floor | Job Completed | 16 - Nov - 2009 | 06:08 | MST |
| Perforation Depth (MD) | From | | To | Departed Loc | 16 - Nov - 2009 | 07:00 | 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 |
|-------------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| Open Hole | | | | 7.875 | | | | 638. | 7546. | 638. | 7279. |
| Production Casing | New | | 4.5 | 4. | 11.6 | | | | 7537. | | 7270. |
| Surface Casing | Used | | 8.625 | 8.097 | 24. | | J-55 | | 638. | | 638. |

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 | | |

HALLIBURTON

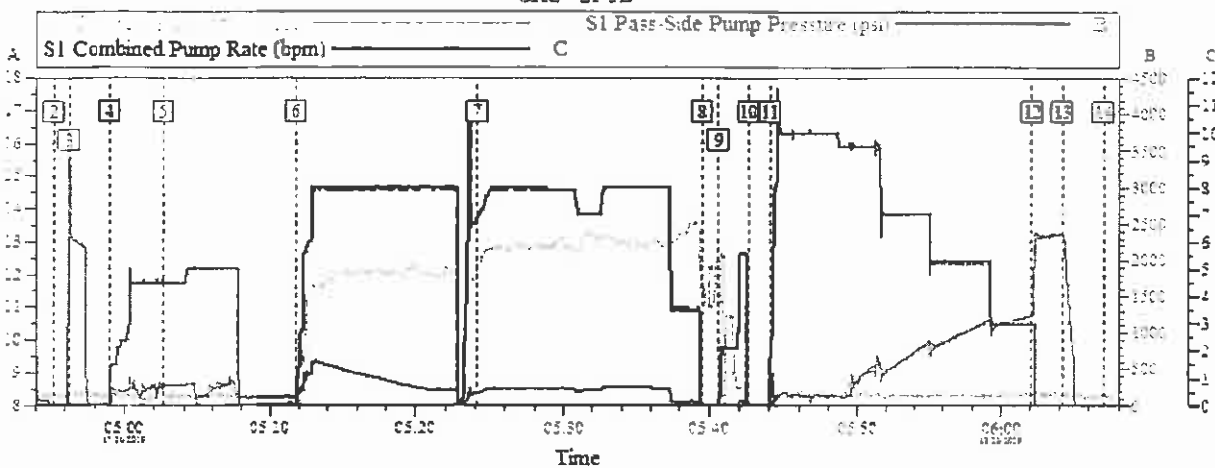
Cementing Job Summary

| Description | | | | | | | | | | Qty | Qty uom | Depth | Supplier | | |
|--|--------------------------|---------------------------------|------|------------------|-------------|---------|------------------------|-----------------------------------|------------------|----------------|------------------------|---------------------|----------|-----------|--|
| CENTRALIZER ASSY - API - 4-1/2 CSG X | | | | | | | | | | 35 | EA | | | | |
| CLAMP - LIMIT - 4-1/2 - HINGED - | | | | | | | | | | 1 | EA | | | | |
| PLUG,CMTG,TOP,4 1/2,HWE,3.65 MIN/4.14 MA | | | | | | | | | | 1 | EA | | | | |
| KIT,HALL WELD-A | | | | | | | | | | 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 | | |
| 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 | | | | 10.00 | bbl | 8.33 | .0 | 42.0 | 8.0 | | | | | |
| 2 | MUD FLUSH III | MUD FLUSH III - SBM (528788) | | | 24.00 | bbl | 8.4 | .0 | 42.0 | 8.0 | | | | | |
| 3 | Versacem 12# | VERSACEM (TM) SYSTEM (452010) | | | 200.0 | sacks | 12. | 2.49 | 13.91 | 8.0 | 13.91 | | | | |
| 4 | Versacem 13# | VERSACEM (TM) SYSTEM (452010) | | | 300.0 | sacks | 13. | 1.96 | 9.93 | 8.0 | 9.93 | | | | |
| 5 | Clayfix III Displacement | | | | 117.00 | bbl | 8.34 | .0 | 42.0 | 8.0 | | | | | |
| 2.5 gal/Mgal | | CLAYFIX 3, TOTETANK (101583425) | | | | | | | | | | | | | |
| 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 | | 14 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 | | | | | | | |

HALLIBURTON

SYNERGY RESOURCES

SRC 21-5D



| Global Event Log | | | | | | |
|-----------------------------|----------|-------|-------|------------------|----------|--------------|
| Intersection | | SPPP | SCPR | Intersection | | SPPP SCPR |
| 1 Starting Job | 04:52:53 | 50.00 | 0.000 | 2 Start Job | 04:55:15 | 40.000 0.000 |
| 3 Test Lines | 04:56:15 | 50.00 | 0.100 | 4 Rag Water | 04:58:59 | 40.00 0.000 |
| 5 Windflush III | 05:02:55 | 40.00 | 4.500 | 6 12ppg Versacem | 05:11:48 | 40.00 0.000 |
| 7 12ppg Versacem | 05:14:08 | 40.00 | 6.900 | 8 Shutdown | 05:39:29 | 40.00 0.000 |
| 9 Clean Lines | 05:40:56 | 40.00 | 0.000 | 10 Drop Top Plug | 05:42:37 | 40.00 0.000 |
| 11 Clay-Ex III Displacement | 05:44:03 | 40.00 | 1.600 | 12 Bump Plug | 06:02:06 | 40.00 3.000 |
| 13 Check Floats | 06:04:11 | 40.00 | 0.000 | 14 End Job | 06:06:59 | 40.00 0.000 |
| 15 Ending Job | 06:09:54 | 40.00 | 0.000 | | | |

Customer SYNERGY
Well Description 4.5" PRODUCTION

Job Date: 16-Nov-2009
UWI: 05-123-30075

Sales Order # 7009210

HALLIBURTON
OptiCem v8 4.2
16-Nov-09 08:15