

HALLIBURTON

iCem[®] Service

SYNERGY RESOURCES CORPORATION

Date: Sunday, May 28, 2017

Hood 23N-22B-M Production

Job Date: Thursday, April 27, 2017

Sincerely,

Julia Nichols

Legal Notice

Disclaimer:

All information in this report is provided subject to the terms and conditions which govern the services provided by Halliburton. Halliburton personnel use their best efforts in gathering information and their best judgment in interpreting it, but any interpretation, research, analysis or recommendation furnished by Halliburton are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and empirical relationships and assumptions are not infallible, and with respect to which professionals in the industry may differ. Accordingly, HALLIBURTON IS UNABLE TO GUARANTEE THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, OR JOB RECOMMENDATION and any interpretation or recommendation is not for use of or reliance upon by any third party. The customer has full responsibility for any of its decisions which are based on the information provided in this report.

Table of Contents

| | | |
|-----|--|----|
| 1.0 | Cementing Job Summary | 4 |
| 1.1 | Executive Summary | 4 |
| 2.0 | Real-Time Job Summary | 7 |
| 2.1 | Job Event Log | 7 |
| 3.0 | Attachments..... | 9 |
| 3.1 | Custom Results – Job Chart with Events | 9 |
| 3.2 | Custom Results – Job Chart without Events..... | 10 |

1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Hood 23N-22B-M** cement **Production** casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Approximately 40 barrels of cement were returned to surface.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Halliburton [Ft. Lupton]

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

| Sold To #: 359915 | | Ship To #: 3786336 | | Quote #: | | Sales Order #: 0903991407 | | | | | |
|---|------------------|-----------------------|-------------------|------------------------------|--------------------------------------|-----------------------------|---------------|--------------|---------------------|---------------|--|
| Customer: SYNERGY RESOURCES CORPORATION | | | | Customer Rep: Kevin Brakovec | | | | | | | |
| Well Name: HOOD | | | Well #: 23N-22B-M | | | API/UWI #: 05-123-44371-00 | | | | | |
| Field: WATTENBERG | | City (SAP): GREELEY | | County/Parish: WELD | | State: COLORADO | | | | | |
| Legal Description: SE SE-20-6N-66W-565FSL-1122FEL | | | | | | | | | | | |
| Contractor: Precision | | | | | Rig/Platform Name/Num: Precision 562 | | | | | | |
| Job BOM: 7523 7523 | | | | | | | | | | | |
| Well Type: HORIZONTAL OIL | | | | | | | | | | | |
| Sales Person: HALAMERICA\HB41307 | | | | | Srv Supervisor: Vaughn Oteri | | | | | | |
| Job | | | | | | | | | | | |
| Formation Name | | | | | | | | | | | |
| Formation Depth (MD) | | Top | | | Bottom | | | | | | |
| Form Type | | | | | BHST | | | | | | |
| Job depth MD | | 15230ft | | | Job Depth TVD | | | | | | |
| Water Depth | | | | | Wk Ht Above Floor | | | | | | |
| Perforation Depth (MD) | | From | | | To | | | | | | |
| Well Data | | | | | | | | | | | |
| Description | New / Used | Size in | ID in | Weight lbm/ft | Thread | Grade | Top MD ft | Bottom MD ft | Top TVD ft | Bottom TVD ft | |
| Casing | | 9.625 | 8.921 | 36 | LTC | J-55 | 0 | 1762 | 0 | 1762 | |
| Casing | | 5.5 | 4.778 | 20 | | P-110 | 0 | 15213 | 0 | 7007 | |
| Open Hole Section | | | 8.5 | | | | 1762 | 15230 | 1762 | 7007 | |
| Tools and Accessories | | | | | | | | | | | |
| Type | Size in | Qty | Make | Depth ft | | Type | Size in | Qty | Make | | |
| Guide Shoe | 5.5 | | | | | Top Plug | 5.5 | 1 | Weatherford | | |
| Float Shoe | 5.5 | | | 15213 | | Bottom Plug | 5.5 | 1 | Weatherford | | |
| Float Collar | 5.5 | | | 15166 | | SSR plug set | 5.5 | | | | |
| Insert Float | 5.5 | | | | | Plug Container | 5.5 | 1 | HES | | |
| Stage Tool | 5.5 | | | | | Centralizers | 5.5 | | | | |
| Fluid Data | | | | | | | | | | | |
| Stage/Plug #: 1 | | | | | | | | | | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft ³ /sack | Mix Fluid Gal | Rate bbl/min | Total Mix Fluid Gal | | |
| 1 | Tuned Spacer III | Tuned Spacer III | 40 | bbl | 11.5 | 3.75 | | 5 | | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft ³ /sack | Mix Fluid Gal | Rate bbl/min | Total Mix Fluid Gal | | |
| 2 | ElastiCem Lead | ELASTICEM (TM) SYSTEM | 1004 | sack | 13.2 | 1.57 | | 8 | 7.52 | | |

HALLIBURTON

Cementing Job Summary

| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/mi n | Total Mix Fluid Gal | |
|---|----------------------|----------------------------|-------|---------|---------------------------|-------------------|------------------|---------------------|---------------------------|--|
| 3 | NeoCem Tail | NeoCem TM | 988 | sack | 13.17 | 2.093 | | 8 | 10.08 | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/mi n | Total Mix Fluid Gal | |
| 4 | MMCR Displacement | MMCR Displacement | 20 | bbl | 8.34 | | | 8 | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/mi n | Total Mix Fluid Gal | |
| 5 | Cla Web Displacement | Cla Web Displacement | 315 | bbl | 8.33 | | | 8 | | |
| 0.0571 gal/bbl | | CLA-WEB - BULK (101985043) | | | | | | | | |
| | | | | | | | | | | |
| Cement Left In Pipe | | Amount | 42 ft | | Reason | | | Shoe Joint | | |
| Comment 40bbl of cement back to surface | | | | | | | | | | |

2.0 Real-Time Job Summary

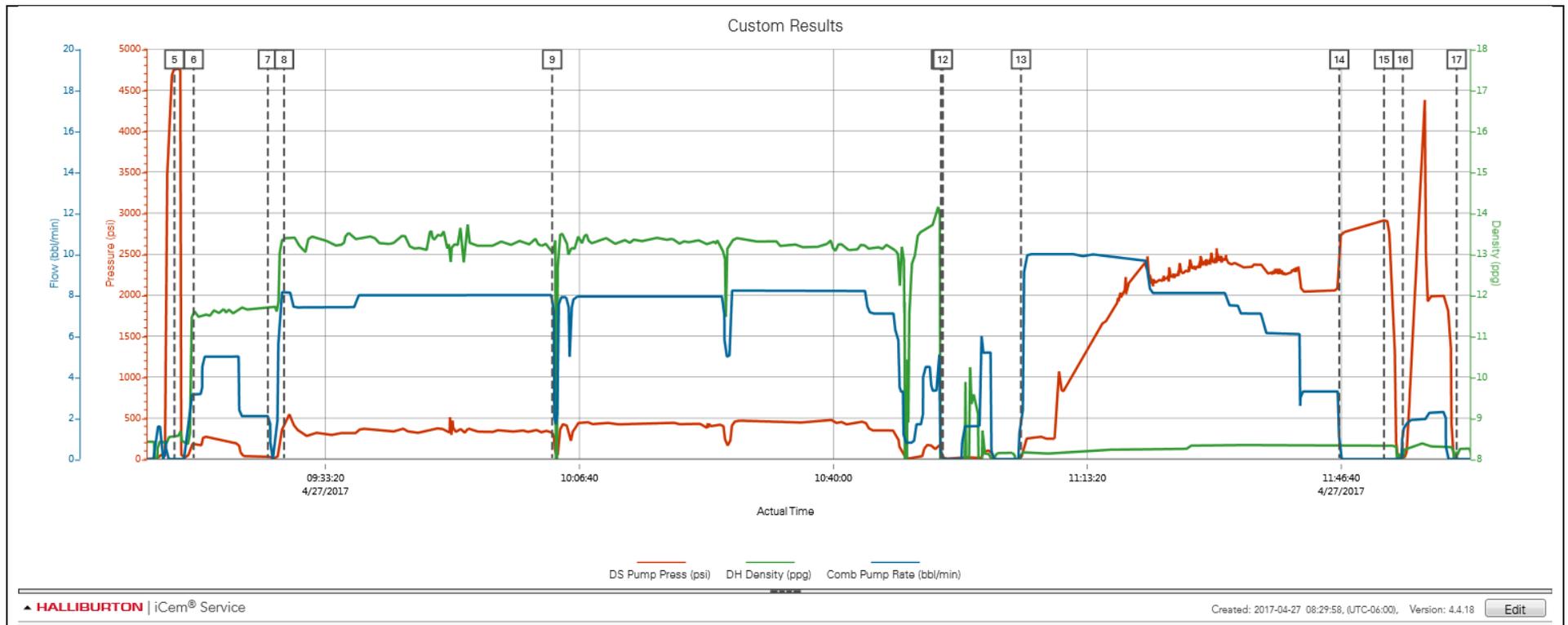
2.1 Job Event Log

| Type | Seq. No. | Activity | Graph Label | Date | Time | Source | DS Pump Press <i>(psi)</i> | DH Density <i>(ppg)</i> | Comb Pump Rate <i>(bbl/min)</i> | Comments |
|-------|----------|-------------------|-------------------|-----------|----------|--------|-------------------------------|----------------------------|------------------------------------|---|
| Event | 1 | Call Out | Call Out | 4/27/2017 | 01:00:00 | USER | | | | Call out from ARC Hub |
| Event | 2 | Arrive At Loc | Arrive At Loc | 4/27/2017 | 05:00:00 | USER | | | | Arrived on location met with Company rep to discuss job proces and concerns |
| Event | 3 | Other | Other | 4/27/2017 | 05:10:10 | USER | | | | TD-15230 TP-15213 FC-15166 SURF-1762 MUD-9.7PPG Casing -5.5 20# OH-8.5 |
| Event | 4 | Start Job | Start Job | 4/27/2017 | 09:05:41 | COM4 | -3.00 | 8.43 | 0.00 | Held pre-job safety meeting with all hands on location to discuss job process and hazards |
| Event | 5 | Test Lines | Test Lines | 4/27/2017 | 09:13:30 | COM4 | 4759.00 | 8.57 | 0.00 | Pressure tested pumps and lines with fresh water 4620psi |
| Event | 6 | Pump Spacer 1 | Pump Spacer 1 | 4/27/2017 | 09:16:01 | COM4 | 177.00 | 11.63 | 3.20 | Mixed 40bbl of 11.5ppg Tuned spacer III at 5.0bpm 272psi |
| Event | 7 | Drop Bottom Plug | Drop Bottom Plug | 4/27/2017 | 09:25:46 | COM4 | 26.00 | 11.67 | 2.10 | Released plug witnessed by company rep |
| Event | 8 | Pump Lead Cement | Pump Lead Cement | 4/27/2017 | 09:27:53 | COM4 | 387.00 | 13.41 | 8.10 | Mixed 1004sks or 280bbl of 13.2ppg Y-1.57 G/sk-7.52 Elasticem at 8.0bpm 613psi |
| Event | 9 | Pump Tail Cement | Pump Tail Cement | 4/27/2017 | 10:03:05 | COM4 | 325.00 | 13.02 | 8.00 | Mixed 988sks or 367bbl of 13.2ppg Y-2.09 G/sk-10.08 Neocem at 8.0bpm 412psi |
| Event | 10 | Shutdown | Shutdown | 4/27/2017 | 10:54:06 | COM4 | 73.00 | 2.21 | 0.00 | |
| Event | 11 | Clean Lines | Clean Lines | 4/27/2017 | 10:54:17 | COM4 | 29.00 | 0.38 | 0.00 | Washed pumps and lines with fresh water |
| Event | 12 | Drop Top Plug | Drop Top Plug | 4/27/2017 | 10:54:21 | COM4 | 22.00 | 0.30 | 0.00 | Released plug witnessed by company rep |
| Event | 13 | Pump Displacement | Pump Displacement | 4/27/2017 | 11:04:37 | COM4 | 35.00 | 8.18 | 1.70 | Pumped 335bbl of fresh water treated with MMCR and Clay-web |
| Event | 14 | Bump Plug | Bump Plug | 4/27/2017 | 11:46:24 | COM4 | 2650.00 | 8.34 | 0.00 | Bump plug 500psi over final pump pressure |
| Event | 15 | Other | Other | 4/27/2017 | 11:52:16 | COM4 | 2911.00 | 8.34 | 0.00 | Released pressure back to pump truck to check floats 3.0bbl back floats held good |
| Event | 16 | Pressure Up Well | Pressure Up Well | 4/27/2017 | 11:54:44 | COM4 | 9.00 | 8.15 | 1.30 | Pressure up well to blow disc and pumped 6bbl for wet shoe |

| | | | | | | | | | | |
|-------|----|---------|---------|-----------|----------|------|-------|------|------|---------------------------------|
| Event | 17 | End Job | End Job | 4/27/2017 | 12:01:48 | COM4 | -1.00 | 8.18 | 0.00 | 40bbl of cement back to surface |
|-------|----|---------|---------|-----------|----------|------|-------|------|------|---------------------------------|

3.0 Attachments

3.1 Custom Results – Job Chart with Events



3.2 Custom Results – Job Chart without Events

