

HALLIBURTON

iCem[®] Service

SRC ENERGY INC-EBUS

Date: Sunday, December 03, 2017

Falken 33N-9C-L Production

Job Date: Friday, November 17, 2017

Sincerely,

Bryce Hinsch

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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..... | 10 |
| 3.1 | Synergy Falken 33N-9C-L Production Job Chart | 10 |

1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Falken 33N-9C-L** cement **surface** 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 18 bbls 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 [Fort Lupton]

The Road to Excellence Starts with Safety

| | | | |
|---|---------------------|---------------------------------------|---------------------------|
| Sold To #: 359915 | Ship To #: 3815789 | Quote #: | Sales Order #: 0904432585 |
| Customer: SYNERGY RESOURCES CORPORATION | | Customer Rep: CALIB FORD | |
| Well Name: FALKEN | Well #: 33N-9C-L | API/UWI #: 05-123-45114-00 | |
| Field: WATTENBERG | City (SAP): GREELEY | County/Parish: WELD | State: COLORADO |
| Legal Description: NE SE-11-6N-66W-1799FSL-276FEL | | | |
| Contractor: PRECISION DRLG | | Rig/Platform Name/Num: PRECISION 562 | |
| Job BOM: 7523 7523 | | | |
| Well Type: HORIZONTAL OIL | | | |
| Sales Person: HALAMERICA\HB41307 | | Srvc Supervisor: Vitalijs Neverdasovs | |

Job

| | | | |
|------------------------|---------|-------------------|--------|
| Formation Name | | | |
| Formation Depth (MD) | Top | | Bottom |
| Form Type | BHST | | |
| Job depth MD | 18974ft | Job Depth TVD | 7166 |
| 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 | 1804 | 0 | 1804 |
| Casing | 0 | 5.5 | 4.778 | 20 | | P-110 | 0 | 18974 | 0 | 7166 |
| Open Hole Section | | | 8.5 | | | | 1804 | 18994 | 0 | 7166 |

Tools and Accessories

| Type | Size in | Qty | Make | Depth ft | Type | Size in | Qty | Make |
|--------------|---------|-----|------|----------|----------------|---------|-----|------|
| Guide Shoe | 5.5 | | | | Top Plug | 5.5 | 1 | WTRD |
| Float Shoe | 5.5 | 1 | NA | 18974 | Bottom Plug | 5.5 | 1 | WTRD |
| Float Collar | 5.5 | 1 | NA | 18863 | SSR plug set | 5.5 | | |
| Insert Float | 5.5 | | | | Plug Container | 5.5 | 1 | HES |
| Stage Tool | 5.5 | | | | Centralizers | 5.5 | 210 | NA |

Fluid Data

| Stage/Plug #: 1 | | | | | | | | | | |
|-----------------|------------------|---|-----|---------|------------------------|----------------|---------------|--------------|---------------------|--|
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/min | Total Mix Fluid Gal | |
| 1 | Tuned Spacer III | Tuned Spacer III | 40 | bbl | 11.5 | 3.8 | | 4 | | |
| | 35.10 gal/bbl | FRESH WATER | | | | | | | | |
| | 0.50 gal/bbl | DUAL SPACER SURFACTANT B, 5 GAL PAIL (100003665) | | | | | | | | |
| | 0.50 gal/bbl | MUSOL A, 330 GAL TOTE - (790828) | | | | | | | | |

| | | | | | | | | | | | |
|--|----------------------|---|------------|----------------|-------------------------------|-----------------------|----------------------|---------------------|----------------------------|--|--|
| 147.42 lbm/bbl | | BARITE, BULK (100003681) | | | | | | | | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/min | Total Mix Fluid Gal | | |
| 2 | ElastiCem Lead | ELASTICEM (TM) SYSTEM | 1024 | sack | 13.2 | 1.57 | | 6 | 7.54 | | |
| 7.54 Gal | | FRESH WATER | | | | | | | | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/min | Total Mix Fluid Gal | | |
| 3 | NeoCem | NeoCem TM | 1434 | sack | 13.2 | 2.04 | | 6.5 | 9.77 | | |
| 0.08 % | | SCR-100 (100003749) | | | | | | | | | |
| 9.77 Gal | | FRESH WATER | | | | | | | | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/min | Total Mix Fluid Gal | | |
| 4 | MMCR Displacement | MMCR Displacement | 10 | bbl | 8.34 | | | | | | |
| 0.50 gal/bbl | | MICRO MATRIX CEMENT RETARDER, 5 GAL PAIL (100003781) | | | | | | | | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty UoM | Mixing Density lbm/gal | Yield ft3/sack | Mix Fluid Gal | Rate bbl/min | Total Mix Fluid Gal | | |
| 5 | Cla Web Displacement | Cla Web Displacement | 408 | bbl | 8.33 | | | | | | |
| 1 gal/bbl | | CLA-WEB - TOTE (101985045) | | | | | | | | | |
| | | | | | | | | | | | |
| Cement Left In Pipe | Amount | 0 | | | REASON | | | WET SHOE | | | |
| Comment : 40 BBLs OF SPACER BACK TOSUTFASE. 18 BBLs OF CEMENT BACK TO SURFACE. ESTIMATED TOP OF TAIL 6205'. | | | | | | | | | | | |

2.0 Real-Time Job Summary

2.1 Job Event Log

| Type | Seq. No. | Activity | Graph Label | Date | Time | Source | Comb Pump Rate (bbl/min) | PS Pump Press (psi) | Recirc Density (ppg) | Comments |
|-------|----------|-----------------------------|-----------------------------|------------|----------|--------|-----------------------------|------------------------|-------------------------|--|
| Event | 1 | Call Out | Call Out | 11/17/2017 | 08:00:00 | USER | | | | ON LOCATION @ 15:00 |
| Event | 2 | Depart Yard Safety Meeting | Depart Yard Safety Meeting | 11/17/2017 | 13:20:00 | USER | | | | CREW DISCUSSED HAZARDS ALONG ROUTE OF TRAVEL. BEGAIN JOURNEY MANAGEMENT. |
| Event | 3 | Depart Shop for Location | Depart Shop for Location | 11/17/2017 | 13:40:00 | USER | | | | CREW LEFT FOR LOCATION |
| Event | 4 | Arrive At Loc | Arrive At Loc | 11/17/2017 | 14:45:00 | USER | | | | 38 MILES. DISCUSS NUMBERS AND JOB PROCEDURE WITH CUSTOMER |
| Event | 5 | Other | Other | 11/17/2017 | 14:55:00 | USER | | | | SPOT TRUCKS |
| Event | 6 | Safety Meeting - Pre Rig-Up | Safety Meeting - Pre Rig-Up | 11/17/2017 | 15:00:00 | USER | | | | HELD PRE RIG UP JSA |
| Event | 7 | Rig-up Lines | Rig-up Lines | 11/17/2017 | 15:05:00 | USER | | | | RIG UP ALL SURFACE LINES TO THE BUFFER ZONE |
| Event | 8 | Casing on Bottom | Casing on Bottom | 11/17/2017 | 15:50:00 | USER | | | | CASING ON BUTTOM/ RIG IS RIGGING DOWN CASING CREW |
| Event | 9 | Other | Other | 11/17/2017 | 16:20:00 | USER | | | | RIG UP FLOOR FOR RIG TO CIRCULATE |
| Event | 10 | Safety Meeting - Pre Job | Safety Meeting - Pre Job | 11/17/2017 | 19:01:00 | USER | 0.00 | 2.00 | 8.46 | PRE JOB SAFETY MEETING WITH ALL PERSONAL INVOLVED/ RIG CIRCULATING |

| | | | | | | | | | | |
|-------|----|-------------------|-------------------|------------|----------|------|------|---------|-------|---|
| Event | 11 | Start Job | Start Job | 11/17/2017 | 19:30:58 | COM4 | 0.00 | -1.00 | 11.71 | |
| Event | 12 | Test Lines | Test Lines | 11/17/2017 | 20:02:00 | USER | 0.00 | 4655.00 | 11.56 | LOAD LINE AND PRESSURE TEST TO 5294 PSI |
| Event | 13 | Drop Bottom Plug | Drop Bottom Plug | 11/17/2017 | 20:06:00 | USER | 0.00 | -21.00 | 11.56 | DROP BOTTOM PLUG |
| Event | 14 | Pump Spacer | Pump Spacer | 11/17/2017 | 20:07:00 | USER | 0.00 | 5.00 | 11.55 | BATCH/ WEIGH/PUMP 40 BBLS OF TUNED SPACER WITH SURFACTANS @ 11.5 PPG |
| Event | 15 | Pump Lead Cement | Pump Lead Cement | 11/17/2017 | 20:19:00 | USER | 4.30 | 300.00 | 13.15 | WEIGH/ PUMP 1024 SKS (286.3 BBLS) OF ELASTICEM @ 13.2 PPG |
| Event | 16 | Pump Tail Cement | Pump Tail Cement | 11/17/2017 | 21:06:00 | USER | 5.40 | 295.00 | 13.02 | WEIGHT/ PUMP 1434 SKS (521 BBLS) OF NEOCEM @ 13.2 PPG |
| Event | 17 | Shutdown | Shutdown | 11/17/2017 | 22:33:00 | USER | 3.00 | 97.00 | 12.92 | SHUTDOWN/ DROP TOP PLUG |
| Event | 18 | Other | Other | 11/17/2017 | 22:37:00 | USER | 0.00 | -8.00 | 13.35 | WASH PUMPS AND LINES |
| Event | 19 | Pump Displacement | Pump Displacement | 11/17/2017 | 22:44:00 | USER | 3.80 | 26.00 | 7.61 | PUMP FRESH WATER DISPLACEMENT WITH CLAWEB AND BIOCID. FIRST 10 BBLS WITH MMCR. DUE TO HIGH PRESSURE HAD TO DISPLACE @ 4 BPM |
| Event | 20 | Other | Other | 11/18/2017 | 00:15:00 | USER | 4.00 | 2655.00 | 8.51 | SLOW RATE |
| Event | 21 | Bump Plug | Bump Plug | 11/18/2017 | 00:18:00 | USER | 0.00 | 2749.00 | 8.51 | HOLD PRESSURE FOR 10 MIN FOR CASING TEST. |
| Event | 22 | Check Floats | Check Floats | 11/18/2017 | 00:28:00 | USER | 0.00 | 1825.00 | 8.51 | FLOATS HELD |
| Event | 23 | Other | Other | 11/18/2017 | 00:36:00 | USER | 0.00 | 4680.00 | 8.51 | PRESSURE UP TO BURST DISC AND PUMP 6 BBLS OF |

| | | | | | | | | | | WET SHOE |
|-------|----|--|--|------------|----------|------|------|---------|------|--------------------------------------|
| Event | 24 | Shutdown | Shutdown | 11/18/2017 | 00:43:00 | USER | 0.00 | 2227.00 | 8.51 | BLEED OFF PRESSURE / JOB IS COMPLETE |
| Event | 25 | End Job | End Job | 11/18/2017 | 00:44:55 | COM4 | | | | |
| Event | 26 | Safety Meeting - Pre Rig-Down | Safety Meeting - Pre Rig-Down | 11/18/2017 | 00:49:00 | USER | 0.00 | -7.00 | 8.51 | RIG DOWN SAFETY MEETING |
| Event | 27 | Other | Other | 11/18/2017 | 01:20:00 | USER | | | | CREW FINISHED RIGGING DOWN |
| Event | 28 | Depart Location Safety Meeting | Depart Location Safety Meeting | 11/18/2017 | 01:30:00 | USER | | | | |
| Event | 29 | Depart Location for Service Center or Other Site | Depart Location for Service Center or Other Site | 11/18/2017 | 01:42:00 | USER | | | | |

3.0 Attachments

3.1 Synergy Falken 33N-9C-L Production Job Chart

