

HALLIBURTON

iCem[®] Service

HIGHPOINT RESOURCES

Date: Thursday, May 30, 2019

ANSCHUTZ COFFELT 5-61-35-1724B Intermediate

Job Date: Thursday, May 16, 2019

Sincerely,
Bryce Hinsch

Legal Notice

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Table of Contents

1.0 Cementing Job Summary 4

 1.1 Executive Summary4

2.0 Real-Time Job Summary 7

 2.1 Job Event Log7

3.0 Attachments..... 10

 3.1 Highpoint Anschutz Coffelt 5-61-35-1724B Intermediate Chart10

1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Anschutz Coffelt 5-61-35-1724B** cement **Intermediate** 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 5 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 #: 343492 | | Ship To #: 3929824 | | Quote #: | | Sales Order #: 0905703847 | | | | | |
| Customer: HIGHPOINT RESOURCES CORP-EBUS | | | | Customer Rep: BOBBY | | | | | | | |
| Well Name: ANSCHUTZ COFFELT | | | Well #: 5-61-35-1724B | | API/UWI #: 05-123-49131-00 | | | | | | |
| Field: WATTENBERG | | City (SAP): ROGGEN | | County/Parish: WELD | | State: COLORADO | | | | | |
| Legal Description: SW NW-35-5N-61W-1605FNL-320FWL | | | | | | | | | | | |
| Contractor: CADE DRLG | | | | Rig/Platform Name/Num: CADE 23 | | | | | | | |
| Job BOM: 7522 7522 | | | | | | | | | | | |
| Well Type: HORIZONTAL OIL | | | | | | | | | | | |
| Sales Person: HALAMERICA\H139013 | | | | Srv Supervisor: Lance Carpenter | | | | | | | |
| Job | | | | | | | | | | | |
| | | | | | | | | | | | |
| Formation Name | | | | | | | | | | | |
| Formation Depth (MD) | | Top | | Bottom | | | | | | | |
| Form Type | | | | BHST | | | | | | | |
| Job depth MD | | 6186ft | | Job Depth TVD | | 5850 | | | | | |
| Water Depth | | | | Wk Ht Above Floor | | 4 | | | | | |
| 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 | | | 0 | 977 | 0 | 977 | |
| Casing | | 7 | 6.366 | 23 | | | 0 | 6170 | 0 | 5850 | |
| Open Hole Section | | | 8.75 | | | | 977 | 6186 | 977 | 5850 | |
| | | | | | | | | | | | |
| Tools and Accessories | | | | | | | | | | | |
| Type | Size in | Qty | Make | Depth ft | | Type | Size in | Qty | Make | | |
| Guide Shoe | 7 | | | 6125 | | Top Plug | 7 | 1 | | | |
| Float Shoe | 7 | | | | | Bottom Plug | 7 | | HES | | |
| Float Collar | 7 | | | | | SSR plug set | 7 | | HES | | |
| Insert Float | 7 | | | | | Plug Container | 7 | 1 | HES | | |
| Stage Tool | 7 | | | | | Centralizers | 7 | | HES | | |
| | | | | | | | | | | | |
| 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 | Water Based Spacer | Water Based Spacer | | | 40 | bbl | 8.33 | | | | |

| 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 | 13.2# ElastiCem | ELASTICEM (TM) SYSTEM | 720 | sack | 13.2 | 1.57 | 7.54 | 8 | 7.54 |
| 7.54 Gal | | FRESH WATER | | | | | | | |
| | | | | | | | | | |
| 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 |
| 3 | Displacement fluid | | 241 | bbl | 8.33 | | | | |
| | | | | | | | | | |
| Cement Left In Pipe | | Amount | 45 ft | | Reason | | | Shoe Joint | |
| Mix Water: | | pH 7 | Mix Water Chloride: | | 200 ppm | | Mix Water Temperature: | | 65°F |
| Cement Temperature: | | | Plug Displaced by: | | 8.34 lb/gal | | Disp. Temperature: | | ## °F °C |
| Plug Bumped? | | Yes | Bump Pressure: | | 1900 psi | | Floats Held? | | Yes |
| Cement Returns: | | 5 bbl | Returns Density: | | | | Returns Temperature: | | |
| Comment JOB WENT WELL CEMENT WAS WEIGHED AND VERRIFIED ON SCALES, PUMPED 241 BBLS OF DISPLACEMENT WATER AT 8BPM SLOWED RATE TO 3.5 BPM AT 220BBLS AWAY BUMPED PLUG AND TOOK 500 PSI OVER FINAL CIRCULATING PRESSURE WAS 1900PSI HELD FOR A FEW MIN CHECKED FLOATS AND GOT 2 BBLS BACK. BROUGHT PRESSURE TO 1800PSI FOR 15 MIN CASING TEST. 40BBLS OF SPACER WATER BACK TO SURFACE 5BBLS 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 (psi) | DH Density (ppg) | Comb Pump Rate (bbl/min) | Pump Stg Tot (bbl) | Comments |
|-------|----------|--------------------------------|--------------------------------|-----------|----------|--------|------------------------|---------------------|-----------------------------|-----------------------|--|
| Event | 1 | Call Out | Call Out | 5/16/2019 | 00:09:00 | USER | | | | | CREW CALLED OUT FOR ON LOCATION AT 1500 BULK TRUCKS WERE IN THE YARD AND HAD NOT BEEN LOADED YET. |
| Event | 2 | Depart Location Safety Meeting | Depart Location Safety Meeting | 5/16/2019 | 13:00:00 | USER | | | | | HAD PRE CONVOY SAFETY MEETING WITH CREW AND DISCUSSED SAFE FOLLOWING DISTANCES, WILD LIFE AND WALK AROUNDS. PUMP TRUCK LEFT YARD AND BULK TRUCKS WAITED IN YARD TO BE LOADED. LEFT AT 1400 |
| Event | 3 | Safety Meeting - Pre Rig-Up | Safety Meeting - Pre Rig-Up | 5/16/2019 | 14:30:00 | USER | | | | | HAD PRE RIG UP SAFETY MEETING AND DISCUSSED 40' BUFFER ZONE, TEAM CARRY, CALL OUT HAMMER SWINGS AND GOOD COMMUNICATION. |
| Event | 4 | Arrive At Loc | Arrive At Loc | 5/16/2019 | 15:15:00 | USER | | | | | BULK TRUCK ARRIVED ON LOCATION, RIG HAD JUST LANDED CASING ON BOTTOM. |
| Event | 5 | Pre-Job Safety Meeting | Pre-Job Safety Meeting | 5/16/2019 | 16:00:00 | USER | | | | | HAD SAFETY MEETING WITH RIG CREW AND DISCUSSED MUSTER AREA, S.W.A NEAREST HOSPITAL, SLIP, TRIPS AND FALLS, PRESSURE |

| DURING JOB AND GOOD COMMUNICATION. | | | | | | | | | | | |
|------------------------------------|----|-------------------------------|-------------------------------|-----------|----------|------|---------|-------|------|--------|--|
| Event | 6 | Start Job | Start Job | 5/16/2019 | 16:21:50 | COM6 | 1.00 | 0.00 | 0.00 | 15.20 | START JOB |
| Event | 7 | Test Lines | Test Lines | 5/16/2019 | 16:26:25 | COM6 | 54.00 | 0.00 | 0.00 | 18.10 | PRESSURE TESTED LINES TO 4500PSI |
| Event | 8 | Pump Spacer 1 | Pump Spacer 1 | 5/16/2019 | 16:30:28 | COM6 | 0.00 | 0.00 | 0.00 | 0.00 | PUMPED 40 BBLS OF SPACER WATER WITH RED DYE IN THE FIRST 20BBLS |
| Event | 9 | Pump Cement | Pump Cement | 5/16/2019 | 16:39:53 | COM6 | 366.00 | 0.00 | 4.50 | 0.00 | PUMPED 201 BBLS OF ELASTICEM 13.2 PPG 1.57 YIELD 7.54 GAL 720 SKS |
| Event | 10 | Drop Top Plug | Drop Top Plug | 5/16/2019 | 17:10:34 | COM6 | -11.00 | 16.28 | 0.00 | 212.60 | DROPPED TOP PLUG WITH COMPANY MAN ON RIG FLOOR. |
| Event | 11 | Pump Displacement | Pump Displacement | 5/16/2019 | 17:11:58 | COM6 | -11.00 | 16.61 | 0.00 | 0.00 | PUMPED 241 BBLS OF DISPLACEMENT WATER AT 8BPM SLOWED RATE TO 3BPM AT 220BBLS AWAY. |
| Event | 12 | Bump Plug | Bump Plug | 5/16/2019 | 17:45:35 | COM6 | 2347.00 | 8.39 | 0.00 | 247.70 | FINAL CIRCULATING PRESSURE WAS 1900PSI TOOK 500PSI OVER TO BUMP PLUG. HELD FOR A FEW MINS. CHECKED FLOATS AND GOT 2 BBLS BACK. |
| Event | 13 | Other | Other | 5/16/2019 | 17:50:52 | COM6 | 1686.00 | 8.40 | 0.00 | 249.30 | BROUGHT PRESSURE TO 1800PSI AND HELD FOR 15 MIN CASING TEST. |
| Event | 14 | Other | Other | 5/16/2019 | 18:06:00 | USER | 1773.00 | 8.60 | 0.00 | 249.30 | BLEED PRESSURE OFF, 5 BBLS OF CEMENT BACK TO SURFACE |
| Event | 15 | End Job | End Job | 5/16/2019 | 18:13:14 | USER | -15.00 | 8.40 | 0.00 | 269.90 | END JOB |
| Event | 16 | Safety Meeting - Pre Rig-Down | Safety Meeting - Pre Rig-Down | 5/16/2019 | 18:15:00 | USER | -13.00 | 8.45 | 0.00 | 269.90 | HAD PRE RIG DOWN SAFETY MEETING WITH CREW AND |

DISCUSSED 40' ZONE, TEAM
CARRY, SLIP TRIPS AND
FALLS, PINCH POINTS AND
GOOD COMMUNICATION.

HAD PRE CONVOY SAFETY
MEETING WITH CREW AND
DISCUSSED SAFE ROUTE,
FOLLOWING DISTANCES
AND WILD LIFE. CREW LEFT
LOCATION.

| | | | | | | |
|-------|----|--------------------------------|--------------------------------|-----------|----------|------|
| Event | 17 | Depart Location Safety Meeting | Depart Location Safety Meeting | 5/16/2019 | 19:00:00 | USER |
|-------|----|--------------------------------|--------------------------------|-----------|----------|------|

3.0 Attachments

3.1 Highpoint Anschutz Coffelt 5-61-35-1724B Intermediate Chart

