

HALLIBURTON

iCem[®] Service

CRESTONE PEAK RESOURCES-EBUS

Prosper Farms 4-65 14-13 3AH Production

Job Date: Friday, September 30, 2022

Sincerely,

Meghan Van Zyl

Legal Notice

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1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Prosper Farms 4-65 14-13 3AH** 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 37 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

| | | | | | | | | | | |
|---|-------------------|---------------------------|--------------------------|---|-------------------------------|----------------------------------|------------------------|---------------------|----------------------------|----------------------|
| Sold To #: 324725 | | Ship To #: 324725 | | Quote #: | | Sales Order #: 0908144981 | | | | |
| Customer: CRESTONE PEAK RESOURCES-EBUS | | | | Customer Rep: Brent Moon | | | | | | |
| Well Name: Prosper Farms 4-65 | | | Well #: 14-13 3AH | | | API/UWI #: 05-005-07504 | | | | |
| Field: | | City (SAP): Aurora | | County/Parish: ARAPAHOE | | | State: COLORADO | | | |
| Legal Description: | | | | | | | | | | |
| Contractor: PATTERSON-UTI ENERGY | | | | Rig/Platform Name/Num: PATTERSON 572 | | | | | | |
| Job BOM: 7523 7523 | | | | | | | | | | |
| Well Type: OIL & GAS WELL | | | | | | | | | | |
| Sales Person: HALAMERICA\HX41066 | | | | Srvc Supervisor: Bradley Hinkle | | | | | | |
| Job | | | | | | | | | | |
| Formation Name | | | | | | | | | | |
| Formation Depth (MD) | | Top | | | | Bottom | | | | |
| Form Type | | | | BHST | | | | | | |
| Job depth MD | | 18217ft | | Job Depth TVD | | 7750ft | | | | |
| 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 | | | 0 | 3386 | 0 | 3386 |
| Casing | 412 | 5.5 | 4.778 | 20 | | | 0 | 18217 | 0 | 7750 |
| Open Hole Section | | | 8.5 | | | | 3386 | 18218 | 3386 | 7750 |
| Tools and Accessories | | | | | | | | | | |
| Type | Size in | Qty | Make | Depth ft | | Type | Size in | Qty | Make | |
| Guide Shoe | 5.5 | | | | | Top Plug | 5.5 | 1 | Citadel | |
| Float Shoe | 5.5 | 1 | Citadel | 18217 | | Bottom Plug | 5.5 | 1 | Citadel | |
| Float Collar | 5.5 | 1 | Citadel | 18212 | | SSR plug set | 5.5 | | HES | |
| Insert Float | 5.5 | | | | | Plug Container | 5.5 | 1 | HES | |
| Stage Tool | 5.5 | | | | | Centralizers | 5.5 | | 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 | Spacer | Tuned Prime Spacer | 50 | bbl | 11.5 | 3.74 | 23.64 | 6 | 1775 | |
| Fluid # | | | | | | | | | | |
| 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 | Cap Cement | ElastiCem | 575 | sack | 13 | 1.66 | 8.23 | 8.5 | 4732 | |

| 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 | Lead Cement | IsoBond | 815 | sack | 13 | 1.55 | 7.14 | 8.5 | 5819 |
| | | | | | | | | | |
| 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 |
| 4 | Tail Cement | ElastiCem | 1500 | sack | 13.2 | 1.59 | 7.78 | 8.5 | 11620 |
| | | | | | | | | | |
| 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 |
| 5 | Displacement | MMCR Water | 20 | bbl | 8.34 | 0 | 0 | 10 | 840 |
| | | | | | | | | | |
| 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 |
| 6 | Displacement | Fresh Water | 384 | bbl | 8.34 | 0 | 0 | 9 | 16128 |
| | | | | | | | | | |
| | | | | | | | | | |
| Comment 974bbbls mix water total used. | | | | | | | | | |

2.0 Real-Time Job Summary

2.1 Job Event Log

| Seq No. | Activity | Date | Time | Dwnhole Density (ppg) | Pump A Pressure (psi) | Cmb Pump Rate (bbl/min) | Cmb Stg Total (bbl) | Comments |
|------------|--|-----------|----------|-----------------------------|-----------------------------|----------------------------------|---------------------------|---|
| 1 | Call Out | 9/30/2022 | 04:00:00 | | | | | Crew called for an on location of 1000. Crew was Bradley Hinkle, Cody Stalcar, Jason Hamilton and Joshua Phillips. |
| 2 | Safety Meeting - Pre Job | 9/30/2022 | 07:22:04 | | | | | Pre-job safety meeting with all personnel on location. Discuss safety protocols and job procedure. |
| 3 | Depart Shop for Location | 9/30/2022 | 08:00:00 | | | | | Pre-journey safety meeting. |
| 4 | Arrive at Location from Service Center | 9/30/2022 | 09:00:00 | | | | | Arrive on location, perform a site assessment and pre-rig up safety meeting. |
| 5 | Other | 9/30/2022 | 09:15:00 | | | | | TD: 18218 FS: 18217 - 5 feet of stick up makes total length of pipe at 18222. 5.5" 20# casing inside an 8.5" OH. TVD: 7750. 9.625" 36# casing set at 3386. Mud weight: 9.4 ppg. |
| 6 | Start Job | 9/30/2022 | 13:41:19 | 8.20 | -1.55 | 0.00 | 0.00 | |
| 7 | Start Job | 9/30/2022 | 13:47:29 | 8.19 | 6.83 | 0.00 | 0.00 | |
| 8 | Drop Bottom Plug | 9/30/2022 | 13:48:11 | 8.05 | 143.92 | 2.65 | 1.28 | Drop bottom plug. Witnessed by customer. |
| 9 | Test Lines | 9/30/2022 | 13:49:27 | 8.31 | 289.74 | 0.00 | 4.10 | Pressure test lines to 5055 psi with a 500 psi electronic kick-out test. |
| 10 | Pump Spacer 1 | 9/30/2022 | 13:53:21 | 8.34 | 90.89 | 0.00 | 0.00 | Pump 50 bbls Tuned Prime Spacer mixed at 11.5 ppg. Density verified by pressurized scales. Total mix water at 1775 gallons. |
| 11 | Check Weight | 9/30/2022 | 14:03:22 | 11.66 | 525.31 | 5.96 | 34.47 | Spacer weighed 11.6 ppg. |

| | | | | | | | | |
|----|-------------------|-----------|----------|-------|---------|-------|--------|--|
| 12 | Pump Cap Cement | 9/30/2022 | 14:04:52 | 11.89 | 483.53 | 5.94 | 0.05 | Pump 170 bbls (575 sacks, 1.66 yield, 8.23 gal/sk) ElastiCem mixed at 13 ppg. Density verified by pressurized scales. Total mix water at 7432 gallons. |
| 13 | Check Weight | 9/30/2022 | 14:06:54 | 13.45 | 637.52 | 5.96 | 12.08 | Cement weighed at 13 ppg. |
| 14 | Check Weight | 9/30/2022 | 14:16:03 | 13.01 | 459.31 | 5.96 | 71.90 | Cement weighed at 12.95 ppg. |
| 15 | Pump Lead Cement | 9/30/2022 | 14:27:40 | 12.77 | 43.39 | 1.30 | 0.01 | Pump 225 bbls (815 sacks, 1.55 yield, 7.14 gal/sk) IsoBond mixed at 13 ppg. Density verified by pressurized scales. Total mix water at 5819 gallons. |
| 16 | Check Weight | 9/30/2022 | 14:30:18 | 13.02 | 574.60 | 5.96 | 12.20 | Cement weighed at 13 ppg. |
| 17 | Pump Tail Cement | 9/30/2022 | 14:56:31 | 13.01 | 855.39 | 8.42 | 0.78 | Pump 425 bbls (1500 sacks, 1.59 yield, 7.78 gal/sk) ElastiCem mixed at 13.2 ppg. Density verified by pressurized scales. Total mix water at 11620 gallons. |
| 18 | Check Weight | 9/30/2022 | 15:15:44 | 13.24 | 688.82 | 8.53 | 163.76 | Cement weighed at 13.2 ppg. |
| 19 | Check Weight | 9/30/2022 | 15:39:12 | 13.53 | 775.25 | 8.49 | 362.83 | Cement weighed at 13.15 ppg. |
| 20 | Shutdown | 9/30/2022 | 15:48:25 | 14.89 | 165.59 | 0.00 | 434.49 | Shutdown and line up for wash-up. Wash pumps and lines until clean. |
| 21 | Drop Top Plug | 9/30/2022 | 15:57:39 | 7.44 | -0.40 | 0.00 | 15.20 | Drop top plug. Witnessed by customer. |
| 22 | Pump Displacement | 9/30/2022 | 15:57:41 | 7.44 | -0.66 | 0.00 | 0.00 | Pump 404 bbls (first 20 with MMCR added) Fresh Water. Good returns throughout. 37 bbls cement to surface. Total water at 16968 gallons. Estimated top of lead cement at 2781 feet and top of tail cement estimated at 8193 feet. |
| 23 | Standby Other | 9/30/2022 | 16:07:49 | 8.40 | 1816.27 | 10.17 | 101.56 | Chixen on standpipe sprung a leak. Shutdown and release pressure. Chixen was broke off but was difficult to break free, and was swapped with a new chixen from pump truck. |

| | | | | | | | | |
|----|--|-----------|----------|------|---------|------|--------|---|
| 24 | Bump Plug | 9/30/2022 | 16:50:53 | 8.40 | 3218.92 | 0.00 | 396.18 | Final circulating pressure at 2670 psi with a bump plug at 3230 psi. Final pressure prior to release at 3282 psi. |
| 25 | Check Floats | 9/30/2022 | 16:53:54 | 8.42 | 3281.55 | 0.00 | 396.18 | Floats held; 4.5 bbls back. |
| 26 | End Job | 9/30/2022 | 16:55:29 | 8.19 | 3.26 | 0.00 | 396.18 | Pump 60 bbls sugar water through the stack to clean out stack and flow line. |
| 27 | Pre-Rig Down Safety Meeting | 9/30/2022 | 17:35:00 | | | | | Pre-rig down safety meeting. |
| 28 | Depart Location for Service Center or Other Site | 9/30/2022 | 19:00:00 | | | | | Pre-journey safety meeting. |

3.0 Attachments

3.1 Real Time iCem Job Chart

