

BONANZA CREEK ENERGY OPERATING CO
PO BOX 21974
BAKERSFIELD, California

Seventy Holes T-P-5HNB

Bonanza Creek Ensign 128

Post Job Summary

Cement Intermediate Casing

Date Prepared: 9/27/2013
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: LANSDALE, JUSTIN

HALLIBURTON

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Wellbore Geometry

| Job Tubulars | | | | | MD | | TVD | | Shoe Joint Length ft |
|-------------------------|------------------------------|------------|----------|--------------|-----------|--------------|-----------|--------------|-------------------------------|
| Type | Description | Size in | ID in | Wt lbm/ft | Top ft | Bottom ft | Top ft | Bottom ft | |
| Casing | 9 5/8" Surface Casing | 9.63 | 8.921 | 36.00 | 0.00 | 773.00 | | | |
| Open Hole Section | 8 3/4" Open Hole Section | | 8.750 | | 773.00 | 6,623.00 | 773.00 | 6,623.00 | |
| Casing | 7" Intermediate Casing | 7.00 | 6.276 | 26.00 | 0.00 | 6,612.00 | 0.00 | 6,612.00 | 44.00 |

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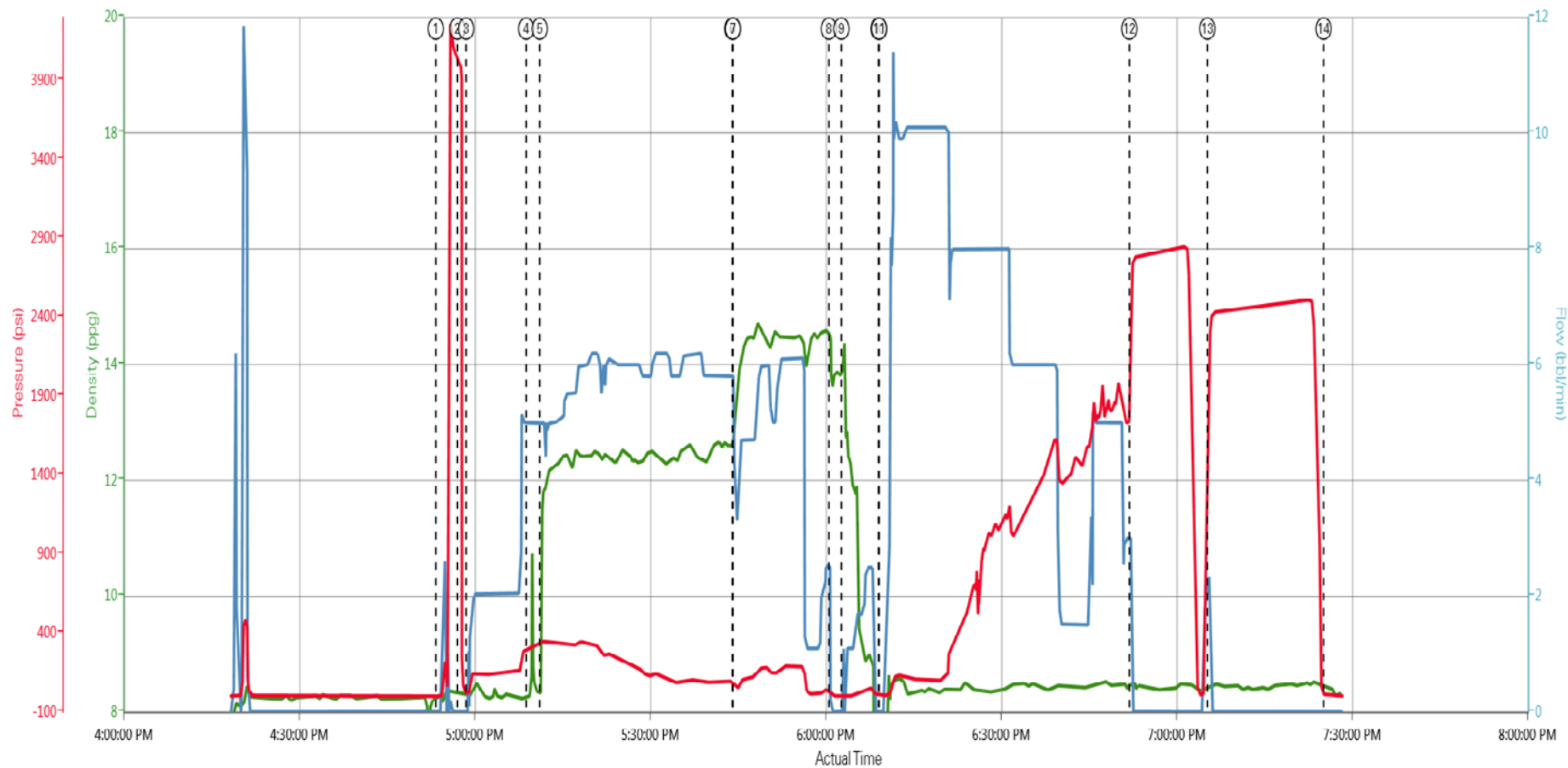
Pumping Schedule

| Stage /Plug # | Fluid # | Fluid Type | Fluid Name | Surface Density lbm/gal | Avg Rate bbl/min | Surface Volume | Downhole Volume |
|---------------|---------|---------------|---------------|----------------------------|---------------------|----------------|-----------------|
| 1 | 1 | Spacer | Mud Flush | 8.40 | 5.00 | 24.0 bbl | 24.0 bbl |
| 1 | 2 | Cement Slurry | EconoCem B2 | 12.50 | 6.00 | 560.0 sacks | 560.0 sacks |
| 1 | 3 | Cement Slurry | ExpandaCem B1 | 14.60 | 6.00 | 265.0 sacks | 265.0 sacks |

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Data Acquisition

Bonanza Creek Seventy Holes T-P-5HNB Intermediate



DH Density (ppg) Comb Pump Rate (bbl/min) PS Pump Press (psi)

| | | | | |
|-----------------------------|---------------------------------|---------------------------------|------------------------------|---------------------|
| ① Start Job 8.24;0,1 | ④ Pump Spacer 2 8.27;5,304 | ⑦ Pump Tail Cement 13.21;4,1.62 | ⑩ Drop Top Plug 0.17;0,5 | ⑬ Other 8.44;0,2279 |
| ② Test Lines 8.32;0,3998 | ⑤ Pump Lead Cement 11.6;5,351 | ⑧ Shutdown 13.61;0,14 | ⑪ Pump Displacement 0.16;0,5 | ⑭ End Job 8.41;0,5 |
| ③ Pump Spacer 1 8.29;1,1,19 | ⑥ Pump Lead Cement 13.06;4,1,69 | ⑨ Clean Lines 14.4;1,1,12 | ⑫ Dump Plug 0.45;0,2702 | |

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Service Supervisor Reports

Job Log

| Date/Time | Chart # | Activity Code | Pump Rate | Cum Vol | Pump | | Pressure (psig) | | Comments |
|------------------|---------|-------------------|-----------|---------|------|--|-----------------|--------|--|
| 09/20/2013 16:53 | | Start Job | | | | | | | ARRIVED LOCATION STILL RUNNING CASING, DID HAZARD HUNT.STARTED RIG UP @ |
| 09/20/2013 16:57 | | Test Lines | | | | | | 3998.0 | RIG WATER WITH NO ADDITIVES |
| 09/20/2013 16:58 | | Pump Spacer 1 | 2 | 24 | | | | 304.0 | RIG WATER WITH MUDFLUSH III ADDED |
| 09/20/2013 17:09 | | Pump Spacer 1 | 5 | 10 | | | | 304.0 | RIG WATER WITH NO ADDITIVES |
| 09/20/2013 17:11 | | Pump Lead Cement | 6 | 189 | | | | 351.0 | 560 SKS ECONOCHEM B2 MIXED @ 12.5 PPG YIELD 1.89 FT3/FT AND 10.29 GAL/SK |
| 09/20/2013 17:44 | | Pump Tail Cement | 6 | 69 | | | | 69.0 | 255 SKS EXPANDACHEM B1 MIXED @ 14.6 PPG YIELD 1.46 FT3/FT AND 6.07 GAL/SK |
| 09/20/2013 18:00 | | Shutdown | | | | | | | |
| 09/20/2013 18:03 | | Clean Lines | | | | | | | |
| 09/20/2013 18:09 | | Drop Top Plug | | | | | | | PRELOADED HWE TOP PLUG |
| 09/20/2013 18:09 | | Pump Displacement | 10 | 251 | | | | 1973.0 | RIG WATER WITH NO ADDITIVES. CAUGHT CEMENT @ 85 BBLS AWAY AND SPACER RETURNED TO SURFACE @ 190 BBLS AWAY AND 44 BBLS CEMENT BACK TO SURFACE. SLOWED RATE TO 1.5 BBLS/MIN TO DIVERT CEMENT RETURNS. |
| 09/20/2013 18:52 | | Bump Plug | 3 | | | | | 2702.0 | CALCULATED PRESSURE TO LAND WAS 2367 WITH 500 OVER IS 2867 PSI. FLOATS HELD AND 1.5 BBLS BACK |
| 09/20/2013 19:04 | | Other | | | | | | 2476.0 | DID CASING TEST TO 2500 PSI AND HELD FOR 15 MIN |
| 09/20/2013 19:25 | | End Job | | | | | | | |

The Road to Excellence Starts with Safety

| | | | |
|---|--------------------|--------------------------------------|--------------------------|
| The Road to Excellence Starts With Safety | | | |
| Sold To #: 324725 | Ship To #: 3105083 | Quote #: | Sales Order #: 900759513 |
| Customer: BONANZA CREEK ENERGY OPERATING CO | | Customer Rep: Joel, Tim | |
| Well Name: Seventy Holes | | Well #: T-P-5HNB | API/UWI #: 05-123-37579 |
| Field: WATTENBERG | City (SAP): KERSEY | County/Parish: Weld | State: Colorado |
| Contractor: bonanza creek | | Rig/Platform Name/Num: ensign128 | |
| Job Purpose: Cement Intermediate Casing | | | |
| Well Type: Development Well | | Job Type: Cement Intermediate Casing | |
| Sales Person: PLIENESS, RYAN | | Srvc Supervisor: LAVALLEY, LARRY | MBU ID Emp #: 419296 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|----------------------|---------|--------|------------------|---------|--------|--------------------------|---------|--------|
| ALVARADO, JOSE Angel | 0.0 | 505918 | BROOM, KENDALL L | 0.0 | 524682 | JOHNSON, BRANDON Matthew | 0.0 | 545534 |
| LAVALLEY, LARRY P | 0.0 | 419296 | MILLS, CHUCK | 0.0 | 123456 | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10025030 | 78 mile | 11019824 | 78 mile | 11398319 | 78 mile | 11488570C | 78 mile |
| 11518549 | 78 mile | 11645063 | 78 mile | 11764739 | 78 mile | | |

Job

Job Times

| Formation Name | | | | Date | Time | Time Zone |
|------------------------|----------|-------------------|----------|---------------|-----------------|-----------|
| Formation Depth (MD) | Top | | Bottom | Called Out | 20 - Sep - 2013 | 07:30 MST |
| Form Type | BHST | | | On Location | 20 - Sep - 2013 | 12:45 MST |
| Job depth MD | 6623. ft | Job Depth TVD | 6623. ft | Job Started | 20 - Sep - 2013 | 16:53 MST |
| Water Depth | | Wk Ht Above Floor | 6. ft | Job Completed | 20 - Sep - 2013 | 19:25 MST |
| Perforation Depth (MD) | From | | To | Departed Loc | 20 - Sep - 2013 | 20:15 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 |
|--------------------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| 8 3/4" Open Hole Section | | | | 8.75 | | | | 773. | 6623. | 773. | 6623. |
| 7" Intermediate Casing | Unknown | | 7. | 6.276 | 26. | | P-110 | . | 6612. | . | 6612. |
| 9 5/8" Surface Casing | Unknown | | 9.625 | 8.921 | 36. | | J-55 | . | 773. | | |

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 | Mud Flush | | 24.00 | bbl | 8.4 | | 42.0 | 5.0 | |
| | 42 gal/bbl | MUD FLUSH III - SBM (528788) | | | | | | | |
| | 3.5 lbm/bbl | MUD FLUSH III, 40 LB SACK (101633304) | | | | | | | |
| 2 | EconoCem B2 | ECONOCEM (TM) SYSTEM (452992) | 560.0 | sacks | 12.5 | 1.89 | 10.28 | 6.0 | 10.28 |
| | 10.28 Gal | FRESH WATER | | | | | | | |
| 3 | ExpandaCem B1 | EXPANDACEM (TM) SYSTEM (452979) | 265.0 | sacks | 14.6 | 1.46 | 6.07 | 6.0 | 6.07 |
| | 6.07 Gal | FRESH WATER | | | | | | | |
| Rates | | | | | | | | | |
| <i>Circulating</i> | | <i>Mixing</i> | | <i>Displacement</i> | | Avg. Job | | | |
| <i>Cement Left In Pipe</i> | Amount | 44 ft | <i>Reason</i> | Shoe Joint | | | | | |
| <i>Frac Ring # 1 @</i> | <i>ID</i> | | <i>Frac ring # 2 @</i> | <i>ID</i> | | <i>Frac Ring # 3 @</i> | <i>ID</i> | | <i>Frac Ring # 4 @</i> |
| <i>The Information Stated Herein Is Correct</i> | | | | Customer Representative Signature | | | | | |

