

CAERUS OIL AND GAS LLC-EBUS

PUCKETT 13A-1

H&P 330

Post Job Summary

Cement Surface

Date Prepared: 7/8/2015
Job Date: 7/6/2015

Submitted by: Keven Nye – Grand Junction Cement Engineer

The Road to Excellence Starts with Safety

| | | | |
|--|-----------------------|------------------------------------|----------------------------|
| Sold To #: 360446 | Ship To #: 3623421 | Quote #: | Sales Order #: 0902557629 |
| Customer: CAERUS OIL AND GAS LLC - EBUS | | Customer Rep: BOYD COTTAM | |
| Well Name: PUCKETT | | Well #: 13A-1 | API/UWI #: 05-045-22633-00 |
| Field: WILDCAT | City (SAP): PARACHUTE | County/Parish: GARFIELD | State: COLORADO |
| Legal Description: 2-7S-97W-2222FNL-628FEL | | | |
| Contractor: H & P DRLG | | Rig/Platform Name/Num: H & P 330 | |
| Job BOM: 7521 | | | |
| Well Type: DIRECTIONAL GAS | | | |
| Sales Person: HALAMERICA\HB80977 | | Srvc Supervisor: Christopher Kukus | |

Job

| | |
|------------------------|--------|
| Formation Name | |
| Formation Depth (MD) | Top |
| Form Type | BHST |
| Job depth MD | 2537ft |
| Water Depth | |
| Perforation Depth (MD) | From |

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 | 0 | 9.625 | 8.921 | 36 | 8 RD (LT&C) | J-55 | 0 | 2537 | | 0 |
| Open Hole Section | | | 14.75 | | | | 0 | 2545 | | 0 |

Tools and Accessories

| Type | Size in | Qty | Make | Depth ft | Type | Size in | Qty | Make |
|--------------|---------|-----|------|----------|----------------|---------|-----|------|
| Guide Shoe | 9.625 | 1 | | 2537 | Top Plug | 9.625 | 1 | HES |
| Float Shoe | 9.625 | 1 | | | Bottom Plug | 9.625 | | HES |
| Float Collar | 9.625 | 1 | | 2492.19 | SSR plug set | 9.625 | | HES |
| Insert Float | 9.625 | 1 | | | Plug Container | 9.625 | 1 | HES |
| Stage Tool | 9.625 | 1 | | | Centralizers | 9.625 | 6 | |

Miscellaneous Materials

| | | | | | | |
|---------------|------|------------|------|-----------|------|------|
| Gelling Agt | Conc | Surfactant | Conc | Acid Type | Qty | Conc |
| Treatment Fld | Conc | Inhibitor | Conc | Sand Type | Size | Qty |

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 | Fresh Water | Fresh Water | 10 | bbl | 8.34 | | | 4 | |

| 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 | Super Flush 101 | Super Flush 101 | 20 | bbl | 9.2 | | | 4 | |

| | | | | | | | | | |
|---------------------|--------------|----------------------|-------|---------|---------------------------|-------------------|---------------|-----------------|---------------------|
| 21 gal/bbl | | 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 | Fresh Water | Fresh Water | 10 | bbl | 8.34 | | | 2 | |
| | | | | | | | | | |
| 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 | VariCem GJ5 | VARICEM (TM) CEMENT | 0 | sack | 11 | 3.65 | | 5 | 23.08 |
| 23.08 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 |
| 5 | VariCem GJ5 | VARICEM (TM) CEMENT | 0 | sack | 12.8 | 2.18 | | 6 | 12.11 |
| 12.11 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 |
| 6 | Displacement | Displacement | 192.6 | bbl | 8.34 | | | 4 | |
| | | | | | | | | | |
| 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 |
| 7 | ReverCem | REVERCEM (TM) CEMENT | 150 | sack | 12.8 | 2.12 | | 3 | 11.15 |
| 11.15 Gal | | FRESH WATER | | | | | | | |
| | | | | | | | | | |
| Cement Left In Pipe | | Amount | 45 ft | | Reason | | Shoe Joint | | |
| Comment | | | | | | | | | |

1.0 Real-Time Job Summary

1.1 Job Event Log

| Type | Seq. No. | Activity | Graph Label | Date | Time | Source | Pass-Side Pump Pressure (psi) | Downhole Density (ppg) | Combined Pump Rate (bbl/min) | Pump Stage Total (bbl) | Comments |
|-------|----------|--|--|----------|----------|--------|----------------------------------|---------------------------|---------------------------------|---------------------------|--|
| Event | 1 | Call Out | Call Out | 7/6/2015 | 08:00:24 | USER | | | | | HES CREW CALLED OUT AT 08:00 WITH ON LOCATION TIME OF 15:00 |
| Event | 2 | Pre-Convoy Safety Meeting | Pre-Convoy Safety Meeting | 7/6/2015 | 11:50:26 | USER | | | | | ALL HES CREW MEMBERS |
| Event | 3 | Crew Leave Yard | Crew Leave Yard | 7/6/2015 | 12:00:33 | USER | | | | | ALL HES CREW MEMBERS AND EQUIPMENT READY AND LEFT YARD AT 12:00 1 F 550 PICK UP, 1 HT 400 PUMP TRUCK, 2 660 BULK TRUCKS, 1 TRANSPORT |
| Event | 4 | Arrive at Location from Service Center | Arrive at Location from Service Center | 7/6/2015 | 14:30:41 | USER | | | | | HES CREW ARRIVED ON LOCATION AT 14:30 30 MINS EARLY |
| Event | 5 | Assessment Of Location Safety Meeting | Assessment Of Location Safety Meeting | 7/6/2015 | 14:45:48 | USER | | | | | RIG WAS RUNNING CASING HES CREW SPOTTED EQUIPMENT AND RIG UP |
| Event | 6 | Pre-Rig Up Safety Meeting | Pre-Rig Up Safety Meeting | 7/6/2015 | 14:50:04 | USER | | | | | ALL HES CREW MEMEBERS |
| Event | 7 | Rig-Up Equipment | Rig-Up Equipment | 7/6/2015 | 15:00:18 | USER | | | | | RIG UP IRON TO STAND PIPE, WASH UP LINE TO RIG TANK, FRESH WATER LINES TO DAY TANK, BULK LINES TO SILO AND BULK TRUCK, SUCTION LINE TO TRANSPORT |
| Event | 8 | Pre-Job Safety Meeting | Pre-Job Safety Meeting | 7/6/2015 | 17:45:28 | USER | | | | | ALL HES CREW MEMBERS AND RIG CREW |
| Event | 9 | Start Job | Start Job | 7/6/2015 | 18:00:02 | USER | | | | | TD: 2545 TP: 2537 SJ: 44.81 |

CSG: 9 5/8 36# J55 OH: 14
3/4 MUD: 9# VISC: 76 RIG
SET 5 CEMENT BASKETS
FIRST ONE AT 500FT AND 6
CENTRALIZERS WELL HAD
RETURNS WITH AIR ASSIST

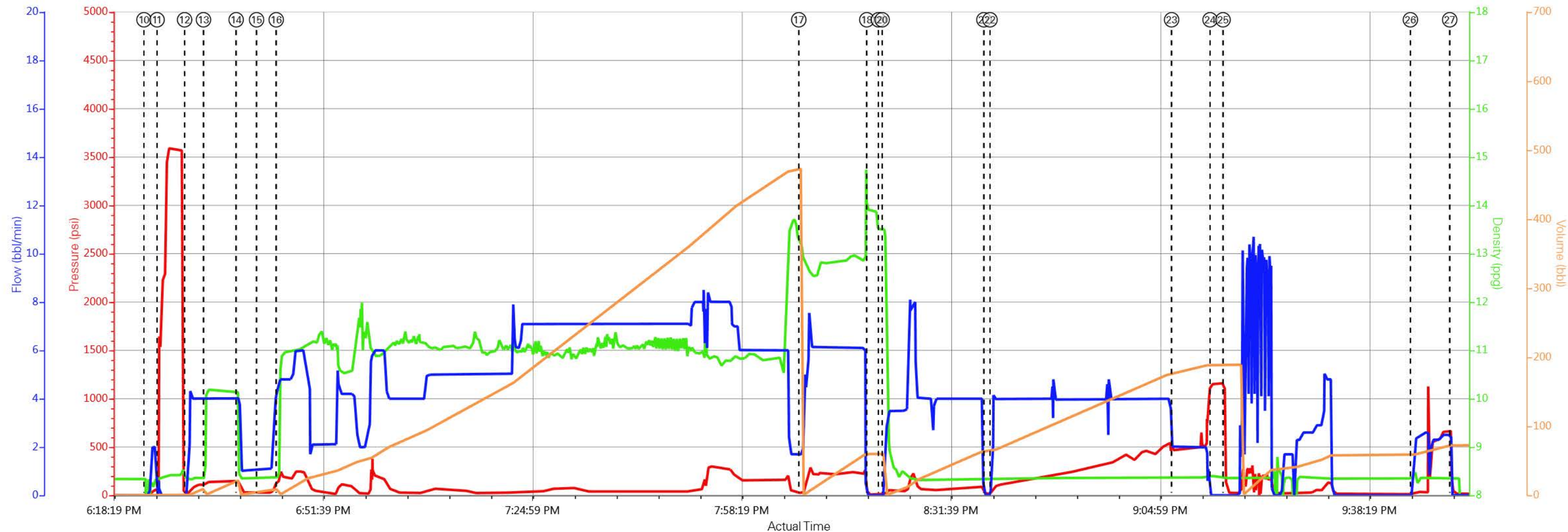
| | | | | | | | | | | | |
|-------|----|------------------|------------------|----------|----------|------|--------|-------|------|-------|---|
| Event | 10 | Prime Pumps | Prime Lines | 7/6/2015 | 18:23:25 | USER | 72.0 | 8.34 | 2.0 | 2.0 | PRIME LINES WITH 2 BBLs OF FRESH WATER AT 2 BBL/MIN AT 72 PSI |
| Event | 11 | Test Lines | Test Lines | 7/6/2015 | 18:25:30 | COM5 | 3570.0 | 8.38 | 0.00 | 2.0 | PRESSURE TEST OK AT 3570 PSI KICK OUTS WORKING STALL OUT AT 2235 PSI |
| Event | 12 | Pump Spacer 1 | Pump Spacer 1 | 7/6/2015 | 18:29:53 | COM5 | 110.0 | 8.37 | 4.0 | 10.0 | PUMP 10 BBL FRESH WATER SPACER AT 4 BBL/MIN AVERAGE PRESSURE 110 PSI |
| Event | 13 | Pump Spacer 2 | Pump Spacer 2 | 7/6/2015 | 18:32:54 | COM5 | 145.0 | 9.86 | 4.00 | 20.0 | PUMP 20 BBL SUPERFLUSH SPACER AT 4 BBL/MIN AVERAGE PRESSURE 145 PSI |
| Event | 14 | Pump Spacer 1 | Pump Spacer 1 | 7/6/2015 | 18:38:06 | COM5 | 112.00 | 8.31 | 4.00 | 10.00 | PUMP 10 BBL FRESH WATER SPACER AT 2 BBL/MIN AVERAGE PRESSURE 112 PSI WELL GAIN RETURNS |
| Event | 15 | Check Weight | Check weight | 7/6/2015 | 18:41:21 | COM5 | 28.00 | 8.40 | 1.00 | 4.3 | LEAD CEMENT WEIGHT VERIFIED BY MUD SCALES |
| Event | 16 | Pump Lead Cement | Pump Lead Cement | 7/6/2015 | 18:44:29 | COM5 | 50.00 | 11.01 | 5.0 | 243.8 | VARI CEM 375 SKS 11 PPG 3.65 YIELD 23.08 GAL/SK LEAD CEMENT WEIGHT VERIFIED BY MUD SCALES SAMPLES WERE TAKEN TOTAL OF 243.8 BBLs AWAY AVERAGE PRESSURE 50 PSI AVERAGE RATE 5 BBLs/MIN 7 BOXES OF TUFF FIBER WERE ADDED WHILE GOING DOWN HOLE BBL COUNTER WAS OFF DUE TO HAVING TO AJUST RATE DUE TO RIG |

| | | | | | | | | | | | |
|-------|----|-------------------|-------------------|----------|----------|------|--------|-------|------|-------|---|
| | | | | | | | | | | | PUMP NOT BEING ABLE TO KEEP UP AND PASSANGER SIDE PUMP LOST PRIME |
| Event | 17 | Pump Tail Cement | Pump Tail Cement | 7/6/2015 | 20:07:44 | COM5 | 240.00 | 12.84 | 6.0 | 62.1 | VARI CEM 160 SKS 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED BY MUD SCALES SAMPLES WERE TAKEN TOTAL OF 62.1 BBLs OF TAIL CEMENT AWAY AVERAGE PRESSURE 240 PSI AT 6 BBL/MIN |
| Event | 18 | Shutdown | Shutdown | 7/6/2015 | 20:18:34 | USER | 9.00 | 12.90 | 0.00 | 62.1 | SHUTDOWN END OF CEMENT READY TANKS FOR DISPLACEMENT / HES WASHED UP ON TOP OF PLUG PER CO REP REQUEST |
| Event | 19 | Drop Top Plug | Drop Top Plug | 7/6/2015 | 20:20:25 | USER | | | | | TOP PLUG AWAY WITH NO ISSUES |
| Event | 20 | Pump Displacement | Pump Displacement | 7/6/2015 | 20:21:01 | COM5 | 360.0 | 8.43 | 4.00 | 192.6 | PUMP 192.6 BBLs OF FRESH WATER DISPLACEMENT AT 4 BBL/MIN AVERAGE PRESSURE 360 PSI |
| Event | 21 | Shutdown | Shutdown | 7/6/2015 | 20:37:13 | USER | 13.00 | 8.35 | 0.00 | 64.4 | SHUTDOWN DUE TO CMT HEAD LEAKING ON THE FLOOR |
| Event | 22 | Resume | Resume | 7/6/2015 | 20:38:11 | USER | 29.00 | 8.34 | 1.60 | 64.4 | RESUMED DISPLACEMENT |
| Event | 23 | Slow Rate | Slow Rate | 7/6/2015 | 21:07:07 | USER | 477.00 | 8.37 | 2.00 | 182.6 | SLOW RATE TO BUMP PLUG |
| Event | 24 | Bump Plug | Bump Plug | 7/6/2015 | 21:13:14 | COM5 | 520.0 | 8.40 | 0.00 | 192.6 | PLUG BUMP AT 192.6 BBLs AWAY AT 520 PSI AND WAS TAKEN UP TO 1156 PSI |
| Event | 25 | Check Floats | Check Floats | 7/6/2015 | 21:15:19 | USER | 1156.0 | 8.33 | 0.00 | 192.6 | FLOATS HELD WITH 1 BBL BACK TO DISPLACEMENT TANKS WELL HAD FULL RETURNS THROUGH OUT JOB WITH NO SPACER OR |

| CEMENT TO SURFACE | | | | | | | | | | | |
|-------------------|----|--|--|----------|----------|------|--------|------|------|------|---|
| Event | 26 | Pump Spacer | Pump Spacer | 7/6/2015 | 21:45:09 | USER | 140.0 | 8.34 | 2.0 | 15.0 | PUMP 15 BBLS OF SUGAR WATER TO CLEAR PARSITE STING |
| Event | 27 | Shutdown | Shutdown | 7/6/2015 | 21:51:25 | USER | 109.00 | 8.34 | 0.00 | 15.0 | SHUTDOWN HES WILL WAIT 4 HOURS AND RIG WILL TRY TO TAG CEMENT BEFORE TOP OUT |
| Event | 28 | Pump Spacer | Pump Spacer | 7/7/2015 | 03:20:19 | USER | 60.0 | 8.33 | 3.0 | 2.0 | PUMP 2 BBLS OF FRESH WATER AHEAD TO CLEAR LINES |
| Event | 29 | Pump Cement | Pump Cement | 7/7/2015 | 03:21:21 | COM5 | 90.00 | 12.8 | 3.00 | 56.6 | REVERCEM 150 SKS 12.8 PPG 2.12 YIELD 11.15GAL/SK TOP OUT CEMENT WEIGHT VERIFIED BY MUD SCALES SAMPLES WERE TAKEN TOTAL OF 56.6 BBLS AWAY AVERAGE PRESSURE AT 90 PSI AT 3 BBLS/MIN CEMENT TO SURFACE |
| Event | 30 | Pump Spacer | Pump Spacer | 7/7/2015 | 03:34:28 | USER | 95.00 | 8.33 | 3.00 | 2.0 | PUMP 2 BBLS BEHIND TO CLEAR LINES |
| Event | 31 | Shutdown | Shutdown | 7/7/2015 | 03:34:59 | USER | 37.00 | 8.57 | 0.00 | 2.0 | SHUTDOWN WITH 5 BBLS OF CEMENT TO SURFACE |
| Event | 32 | End Job | End Job | 7/7/2015 | 04:00:42 | USER | | | | | CEMENT JOB WENT WELL WITH NO ISSUES HES CREW HAD TO TOP OUT 1 TIME WITH 150 SKS NO SUPERFLUSH WAS USED WITH TOPOUT 40 LBS OF SUGAR WAS USED HES CREW WAITED 30 MINS CEMENT WAS HOLDING NOT FALLING BACK |
| Event | 33 | Post-Job Safety Meeting (Pre Rig-Down) | Post-Job Safety Meeting (Pre Rig-Down) | 7/7/2015 | 04:10:46 | USER | | | | | ALL HES CREW MEMEBRES |

| | | | | | | | |
|-------|----|-----------------------------|-----------------------------|----------|----------|------|--|
| Event | 34 | Pre-Rig Down Safety Meeting | Pre-Rig Down Safety Meeting | 7/7/2015 | 04:15:58 | USER | ALL HES CREW MEMBERS |
| Event | 35 | Rig-Down Equipment | Rig-Down Equipment | 7/7/2015 | 04:20:12 | USER | RIG DOWN IRON, FRESH WATER LINES, SUCTION LINES, BULK LINES, WASH AND BLOW DOWN PUMP |
| Event | 36 | Pre-Convoy Safety Meeting | Pre-Convoy Safety Meeting | 7/7/2015 | 05:20:24 | USER | ALL HES CREW MEMEBRS |
| Event | 37 | Crew Leave Location | Crew Leave Location | 7/7/2015 | 05:30:34 | USER | THANK YOU FOR USING HALLIBURTON CEMENT CHRIS KUKUS AND CREW |

CAERUS OIL & GAS / PUCKETT 13A-1 / 9 5/8 SURFACE CASING



- | | | | | |
|--|--------------------------|--------------------|----------------------|-----------------|
| ① Call Out | ⑦ Rig-Up Equipment | ⑬ Pump Spacer 2 | ⑲ Drop Top Plug | 25 Check Floats |
| ② Pre-Convoy Safety Meeting | ⑧ Pre-Job Safety Meeting | ⑭ Pump Spacer 1 | 20 Pump Displacement | 26 Pump Spacer |
| ③ Crew Leave Yard | ⑨ Start Job | ⑮ Check weight | 21 Shutdown | 27 Shutdown |
| ④ Arrive at Location from Service Center | ⑩ Prime Lines | ⑯ Pump Lead Cement | 22 Resume | |
| ⑤ Assessment Of Location Safety Meeting | ⑪ Test Lines | ⑰ Pump Tail Cement | 23 Slow Rate | |
| ⑥ Pre-Rig Up Safety Meeting | ⑫ Pump Spacer 1 | ⑱ Shutdown | 24 Bump Plug | |

▼ **HALLIBURTON** | iCem® Service

Created: 2015-07-06 16:19:19, Version: 4.1.107

Edit

Customer: CAERUS OIL AND GAS LLC - EBUS

Job Date: 7/6/2015 4:26:24 PM

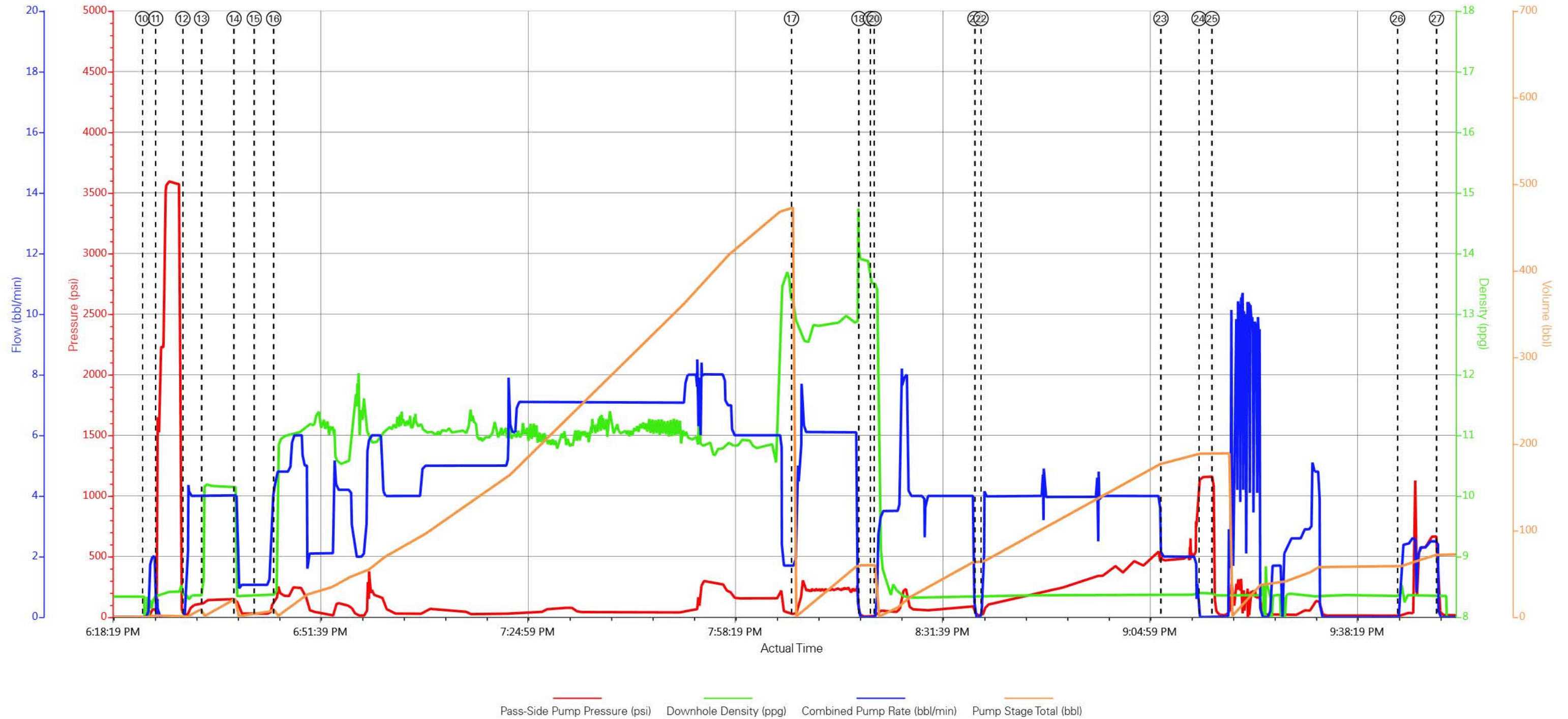
Well: PUCKETT 13A-1

Representative: BOYD COTTAM

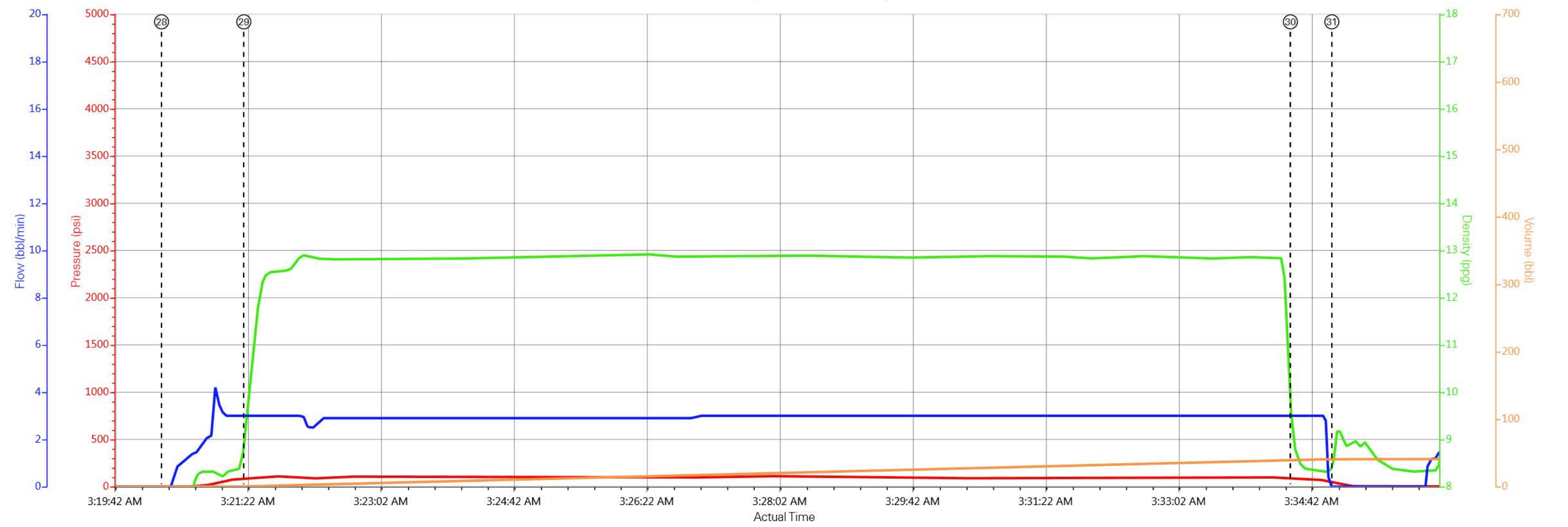
Sales Order #: 902557629

ELITE #1: DILLON MARTIN / CHRIS KUKUS

CAERUS OIL & GAS / PUCKETT 13A-1 / 9 5/8 SURFACE CASING



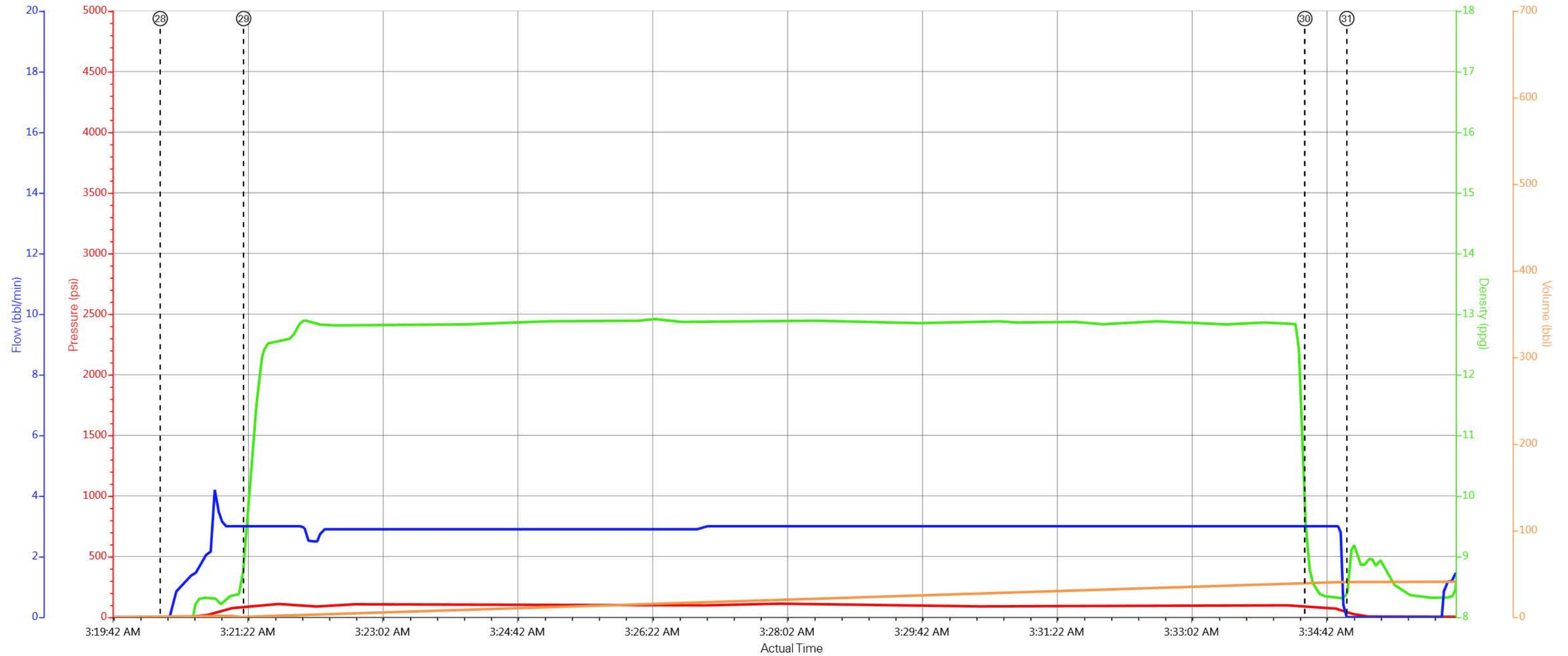
CAERUS OIL & GAS / PUCKETT 13A-1 /TOP OUT



Pass-Side Pump Pressure (psi) Downhole Density (ppg) Combined Pump Rate (bbl/min) Pump Stage Total (bbl)

- | | | | | | |
|--|--------------------------|--------------------|----------------------|-----------------|-------------|
| ① Call Out | ⑦ Rig-Up Equipment | ⑬ Pump Spacer 2 | ⑲ Drop Top Plug | 25 Check Floats | 31 Shutdown |
| ② Pre-Convoy Safety Meeting | ⑧ Pre-Job Safety Meeting | ⑭ Pump Spacer 1 | 20 Pump Displacement | 26 Pump Spacer | 32 End Job |
| ③ Crew Leave Yard | ⑨ Start Job | ⑮ Check weight | 21 Shutdown | 27 Shutdown | |
| ④ Arrive at Location from Service Center | ⑩ Prime Lines | ⑯ Pump Lead Cement | 22 Resume | 28 Pump Spacer | |
| ⑤ Assessment Of Location Safety Meeting | ⑪ Test Lines | ⑰ Pump Tail Cement | 23 Slow Rate | 29 Pump Cement | |
| ⑥ Pre-Rig Up Safety Meeting | ⑫ Pump Spacer 1 | ⑱ Shutdown | 24 Bump Plug | 30 Pump Spacer | |

CAERUS OIL & GAS / PUCKETT 13A-1 /TOP OUT



Pass-Side Pump Pressure (psi) Downhole Density (ppg) Combined Pump Rate (bbl/min) Pump Stage Total (bbl)

| | | |
|---|--------------------------------|---|
| Sales Order #: 0902557629 | Line Item: 10 | Survey Conducted Date: 7/7/2015 |
| Customer: CAERUS OIL AND GAS LLC - EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: | | API / UWI: (leave blank if unknown) 05-045-22633-00 |
| Well Name: PUCKETT | | Well Number: 0080702241 |
| Well Type: DIRECTIONAL GAS | Well Country: USA | |
| H2S Present: No | Well State: COLORADO | Well County: GARFIELD |

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

CUSTOMER SATISFACTION SURVEY

| CATEGORY | CUSTOMER SATISFACTION RESPONSE | |
|-------------------------|--|----------|
| Survey Conducted Date | The date the survey was conducted | 7/7/2015 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | HX35027 |
| Customer Participation | Did the customer participate in this survey? (Y/N) | No |
| Customer Representative | Enter the Customer representative name | |
| HSE | Was our HSE performance satisfactory? Circle Y or N | |
| Equipment | Were you satisfied with our Equipment? Circle Y or N | |
| Personnel | Were you satisfied with our people? Circle Y or N | |
| Customer Comment | Customer's Comment | |

| |
|---------------------------|
| CUSTOMER SIGNATURE |
|---------------------------|

| | | |
|---|--------------------------------|---|
| Sales Order #: 0902557629 | Line Item: 10 | Survey Conducted Date: 7/7/2015 |
| Customer: CAERUS OIL AND GAS LLC - EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: | | API / UWI: (leave blank if unknown) 05-045-22633-00 |
| Well Name: PUCKETT | | Well Number: 0080702241 |
| Well Type: DIRECTIONAL GAS | Well Country: USA | |
| H2S Present: No | Well State: COLORADO | Well County: GARFIELD |

KEY PERFORMANCE INDICATORS

| General | |
|-----------------------------------|----------|
| Survey Conducted Date | 7/7/2015 |
| The date the survey was conducted | |

| Cementing KPI Survey | |
|---|-------------------------|
| Type of Job | 0 |
| Select the type of job. (Cementing or Non-Cementing) | |
| Select the Maximum Deviation range for this Job | Vertical |
| What is the highest deviation for the job you just completed? This may not be the maximum well deviation. | |
| Total Operating Time (hours) | 8 |
| Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format. | |
| HSE Incident, Accident, Injury | No |
| HSE Incident, Accident, Injury. This should be recordable incidents only. | |
| Was the job purpose achieved? | Yes |
| Was the job delivered correctly as per customer agreed design? | |
| Pumping Hours | 4 |
| Total number of hours pumping fluid on this job. Enter in decimal format. | |
| Type of Rig Classification Job Was Performed | Drilling Rig (Portable) |
| Type Of Rig (classification) Job Was Performed On | |
| Number Of JSAs Performed | 6 |
| Number Of Jsas Performed | |
| Was this a Primary Cement Job (Yes / No) | Yes |
| Primary Cement Job= Casing job, Liner job, or Tie-back job. | |
| Number of Unplanned Shutdowns | 0 |
| Unplanned shutdown is when injection stops for any period of time. | |
| Customer Non-Productive Rig Time (hrs) | 0 |

| | | |
|---|--------------------------------|---|
| Sales Order #: 0902557629 | Line Item: 10 | Survey Conducted Date: 7/7/2015 |
| Customer: CAERUS OIL AND GAS LLC - EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: | | API / UWI: (leave blank if unknown) 05-045-22633-00 |
| Well Name: PUCKETT | | Well Number: 0080702241 |
| Well Type: DIRECTIONAL GAS | Well Country: USA | |
| H2S Present: No | Well State: COLORADO | Well County: GARFIELD |

| | |
|--|-----|
| Lost time due to Halliburton in the start, execution, or completion of an ordered service or product, or delays in a follow-on service. Enter in decimal format. 0 if none. | |
| Was the non productive time or the unplanned shutdown caused by a problem with a piece of equipment? Was the non productive time or the unplanned shutdown caused by a problem with a piece of equipment? | No |
| Did We Run Wiper Plugs? Did We Run Top And Bottom Casing Wiper Plugs? | Top |
| If a top plug was run, was the plug bumped? (Yes/No/N/A) If a top plug was run, was the plug bumped? (Yes/No/N/A) | Yes |
| If applicable, was Halliburton float equipment used? (Yes/No/N/A) If applicable, was Halliburton float equipment used? (Yes/No/N/A) | No |
| If applicable, did the floats hold? (Yes/No/N/A) If applicable, did the floats hold? (Yes/No/N/A) | Yes |
| Mixing Density of Job Stayed in Designed Density Range (0-100%) Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100 | 80 |
| Pump Rate (percent) of Job Stayed At Designed Pump Rate Pump Rate range defined as +/- 1bbl/min. Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of fluid pumped, multiplied by 100 | 80 |
| If applicable, were there returns throughout the job? (Yes/No/N/A) If applicable, were there returns throughout the job? (Yes/No/N/A) | Yes |
| Nbr of Remedial Plug Jobs Rqd - HES Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES | 0 |
| Nbr of Remedial Sqz Jobs Rqd - HES Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES | 0 |

HALLIBURTON

Water Analysis Report

Company: CAERUS

Submitted by: CHRIS KUKUS

Attention: LARRY COOKSEY

Lease PUCKETT

Well # 13A-1

Date: 7/6/2015

Date Rec.: 7/6/2015

S.O.# 902557629

Job Type: SURFACE

| | | |
|-----------------------------|--------------|-------------------------|
| Specific Gravity | <i>MAX</i> | 1 |
| pH | <i>8</i> | 7 |
| Potassium (K) | <i>5000</i> | 0 Mg / L |
| Calcium (Ca) | <i>500</i> | 120 Mg / L |
| Iron (FE2) | <i>300</i> | 0 Mg / L |
| Chlorides (Cl) | <i>3000</i> | 0 Mg / L |
| Sulfates (SO ₄) | <i>1500</i> | UNDER 400 Mg / L |
| Hardness | | 50 Mg / L |
| Temp | <i>40-80</i> | 60 Deg |
| Total Dissolved Solids | | 200 Mg / L |

Respectfully: CHRIS KUKUS

Title: CEMENTING SUPERVISOR

Location: GRAND JUNCTION , CO

NOTICE:

This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report or if