

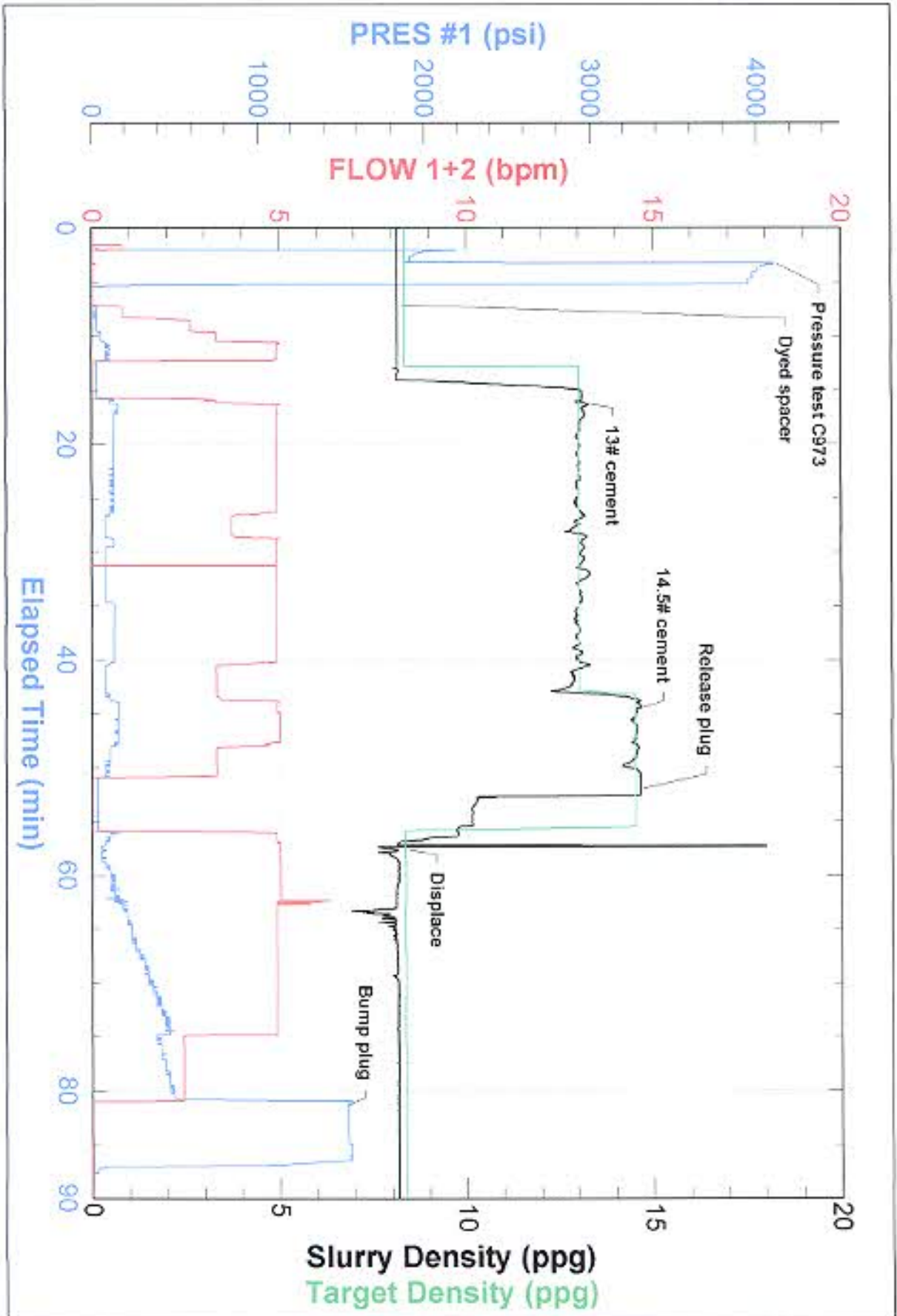
CEMENT JOB REPORT



| | | | | | | | | | | | | | | |
|---|----------|---|-------------------------|--|-----------------|----------------------------------|----------------------------|---|------------------|--------------------|---------------|--------|-------------|------|
| CUSTOMER CARRIZO OIL & GAS | | DATE 06-JUN-12 | F.R. # 1001913776 | SERV. SUPV. RYAN SULLIVAN | | | | | | | | | | |
| LEASE & WELL NAME PERGAMOS 2-4-44-7-60 | | LOCATION | | COUNTY-PARISH-BLOCK Weld Colorado | | | | | | | | | | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # Xtreme #19 | | TYPE OF JOB Surface | | | | | | | | | | |
| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE | | MECHANICAL BARRIERS | | MD | TVD | HANGER TYPES | | MD | TVD | | | |
| 9-5/8" Top Cem Plug, Nitrile cvr, Phe | | Centralizer, with Pins, 9-5/8 in | | | | | | | | | | | | |
| | | Float Collar, Auto Fill, 9-5/8 - 8rd | | | | | | | | | | | | |
| | | Float Shoe 9-5/8 - 8rd | | | | | | | | | | | | |
| MATERIALS FURNISHED BY BJ | | | | PHYSICAL SLURRY PROPERTIES | | | | | | | | | | |
| | | | | LAB REPORT NO. | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT ³ | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER | | | |
| Fresh Water + 2 lbs Red Dye | | | | N/A | 0 | 8.34 | 0 | 0 | 00:00 | 15 | | | | |
| Type III Cement + adds | | | | C06-015-12 | 138 | 14.5 | 1.40 | 6.81 | 03:02 | 34.4 | 22.33 | | | |
| Premium Lite Cement + adds | | | | C06-015-12 | 417 | 13 | 1.77 | 9.20 | 04:46 | 131.28 | 91.34 | | | |
| Fresh Water | | | | N/A | 0 | 8.34 | 0 | 0 | 00:00 | 105.4 | | | | |
| Available Mix Water | | 350 | Bbl. | Available Displ. Fluid | | 500 | Bbl. | TOTAL | | 296.08 | 113.68 | | | |
| HOLE | | | TBG-CSG-D.P. | | | | | | COLLAR DEPTHS | | | | | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | MD | TVD | GRADE | SHOE | FLOAT | STAGE | | |
| 12.25 | 100 | 1425 | 8.921 | 9.625 | 36 | CSG | 1408 | 1408 | K-55 | 1408 | 1363 | 0 | | |
| LAST CASING | | | PKR-CMT RET-BR PL-LINER | | | PERF. DEPTH | | | TOP CONN | | WELL FLUID | | | |
| ID | OD | WGT. | TYPE | MD | TVD | BRAND & TYPE | | DEPTH | TOP | BTM | SIZE | THREAD | TYPE | WGT. |
| 15 | 18 | 65 | | 70 | 70 | No packer | | 0 | 0 | 0 | 9.625 | 8RD | WATER BASED | 8.5 |
| DISPL. VOLUME | | DISPL. FLUID | | CAL. PSI | CAL. MAX PSI | OP. MAX | MAX TBG PSI | | MAX CSG PSI | | MIX WATER | | | |
| VOLUME | UOM | TYPE | WGT. | BUMP PLUG | TO REV. | SQ. PSI | RATED | Operator | RATED | Operator | MIX WATER | | | |
| 105.4 | BBLS | Fresh Water | 8.34 | 432 | 0 | 0 | 0 | 0 | 2816 | 2000 | Rig | | | |
| Circulation Prior to Job | | | | | | | | | | | | | | |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | | | | Circulation Time: 1 | | | | Circulation Rate: 5 BPM | | | | | | |
| Mud Density In: 8.5 LBS/GAL | | | | Mud Density Out: 8.5 LBS/GAL | | | | PV & YP Mud In: 0 | | PV & YP Mud Out: 0 | | | | |
| Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | | Units: | | | | Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | | | | |
| Displacement And Mud Removal | | | | | | | | | | | | | | |
| Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/> | | | | Amount Bled Back After Job: 2.2 BBLS | | | | | | | | | | |
| Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL | | | | Method Used to Verify Returns: Visually | | | | | | | | | | |
| Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | | | Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | | | | | | | | | |
| Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE | | | | | | | | | | | | | | |
| Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | | | Quantity: 13 | | | | Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID | | | | | | |
| Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD | | | | | | | | | | | | | | |
| Plugs | | | | | | | | | | | | | | |
| Number of Attempts by BJ: 0 | | | | Competition: 0 | | | | Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity: | | | | | | |
| Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | | Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | | | | | | | | |
| Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | | | Top of Plug: 0 FT | | | | Bottom of Plug: 0 FT | | | | | | |
| Squeezes (Update Original Treatment Report for Primary Job) | | | | | | | | | | | | | | |
| BLOCK SQUEEZE <input type="checkbox"/> | | SHOE SQUEEZE <input type="checkbox"/> | | TOP OF LINER SQUEEZE <input type="checkbox"/> | | PLANNED <input type="checkbox"/> | | UNPLANNED <input type="checkbox"/> | | | | | | |
| Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | PSI Applied: 0 | | Fluid Weight: 0 LBS/GAL | | | | | | | | |
| Casing Test (Update Original Treatment Report for Primary Job) | | | | | | | | | | | | | | |
| Casing Test Pressure: 0 PSI | | | | With 0 LBS/GAL Mud | | | | Time Held: 00 Hours 00 Minutes | | | | | | |
| EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None | | | | | | | | | | | | | | |



BJ Services JobMaster Program Version 3.50
Job Number: 1001913776
Customer: Carrizo
Well Name: Pergamos 2-4-44-7-60





FIELD RECEIPT NO. 1001913776

| CUSTOMER | | CARRIZO OIL & GAS | | CREDIT APPROVAL NO. | PURCHASE ORDER NO. | CUSTOMER NUMBER | INVOICE NUMBER |
|--|---------------------------------------|-----------------------------|----------|---|--|-------------------|----------------|
| MAIL | | STREET OR BOX NUMBER | | CITY | STATE | ZIP CODE | |
| INVOICE TO : | | 1000 LOUISIANA ST, STE 1689 | | Houston | Texas | 77002 | |
| DATE WORK COMPLETED | MO. | DAY | YEAR | BH REPRESENTATIVE | WELL API NO. | WELL TYPE : | |
| 08 | 06 | 2012 | 09:50 | RYAN SULLIVAN | 05-123-33956-0000 | New Well | |
| DISTRICT | | | | JOB DEPTH (ft) | | WELL CLASS : | |
| EUS, BRIGHTON | | | | 1-408 | | OI | |
| WELL NAME AND NUMBER | | | | TD WELL DEPTH (ft) | | GAS USED ON JOB : | |
| PERGAMOS 2-4-44-7-60 | | | | 1-425 | | No Gas | |
| WELL LOCATION : | | LEGAL DESCRIPTION | | COUNTY/PARISH | STATE | JOB TYPE CODE : | |
| Weld | | Weld | | Weld | Colorado | Surface | |
| PRODUCT CODE | DESCRIPTION | UNIT OF MEASURE | QUANTITY | LIST PRICE UNIT | GROSS AMOUNT | % DISC. | NET AMOUNT |
| 100112 | Calcium Chloride | lbs | ✓1219 | 1.290 | 1,572.51 | 65% | 550.38 |
| 100120 | Bentonite | lbs | ✓2177 | 0.530 | 1,153.81 | 65% | 403.83 |
| 100285 | Cello Flake | lbs | ✓140 | 5.100 | 714.00 | 65% | 249.90 |
| 388224 | Premium Life Cement | sacks | ✓417 | 27.650 | 11,530.05 | 65% | 4,035.52 |
| 489019 | FP-6L | gals | ✓6 | 104.250 | 625.50 | 65% | 218.93 |
| 489632 | Granulated Sugar | lbs | ✓100 | 3.840 | 384.00 | 65% | 134.40 |
| 489690 | Static Free | lbs | ✓41 | 40.700 | 1,688.70 | 65% | 584.05 |
| 489703 | Type III Cement | sacks | ✓138 | 31.700 | 4,374.60 | 65% | 1,531.11 |
| 86720-1 | 9-5/8" Top Cem Plug, Nitrite cov, Phn | ea | ✓1 | 404.000 | 404.00 | 65% | 141.40 |
| SUB-TOTAL FOR Product Material | | | | | 22,427.17 | 65.00% | 7,849.52 |
| A152 | Personnel Per Diem Chng - Cement Svc | ea | 1 | 210.000 | 210.00 | 0% | 210.00 |
| M100 | Bulk Materials Blending Charge | cu ft | 628 | 5.450 | 3,411.70 | 65% | 1,194.10 |
| R798 | Automatic Density System | job | 1 | 1,990.000 | 1,990.00 | 65% | 698.50 |
| SUB-TOTAL FOR Service Charges | | | | | 5,611.70 | 62.57% | 2,100.60 |
| ARRIVE LOCATION : | MO. | DAY | YEAR | TIME | SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER. | | |
| 06 | 06 | 2012 | 09:50 | | | | |
| CUSTOMER REP | | | | SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANS LIKE MANNER. | | | |
| Bob McNeese | | | | CUSTOMER AUTHORIZED AGENT | | | |
| SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS | | | | CUSTOMER AUTHORIZED AGENT | | | |
| | | | | X BHI APPROVED | | | |

