

**CEMENT JOB REPORT**



|  |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
|--|----------|--|--------------------------|--|----------------|----------------------------|---------------|---|-------------|---------------|----------------|---|--|--|--|
| CUSTOMER <b>EOG Resources, Inc.</b>  |          | DATE <b>14-OCT-10</b>                      | F.R. # <b>1001700171</b> | SERV. SUPV. <b>JEFFREY A ANDERSON</b>  |                |                            |               |   |             |               |                |   |  |  |  |
| LEASE & WELL NAME<br><b>LION CREEK #4-16H - API 05123320360000</b>   |          | LOCATION<br><b>16-11N-64W</b>              |                          | COUNTY-PARISH-BLOCK<br><b>Weird Colorado</b>   |                |                            |               |   |             |               |                |   |  |  |  |
| DISTRICT<br><b>Brighton</b>  |          | DRILLING CONTRACTOR RIG #<br><b>SST-56</b> |                          | TYPE OF JOB<br><b>Misc Pump - Circ. well</b>   |                |                            |               |   |             |               |                |   |  |  |  |
| SIZE & TYPE OF PLUGS   |          | LIST-CSG-HARDWARE                          |                          | PHYSICAL SLURRY PROPERTIES   |                |                            |               |   |             |               |                |   |  |  |  |
|  |          |  |                          | SACKS OF CEMENT  | SLURRY WGT PPG | SLURRY YLD FT <sup>3</sup> | WATER GPS     | PUMP TIME HR:MIN  | Bbl SLURRY  | Bbl MIX WATER |                |   |  |  |  |
| MATERIALS FURNISHED BY BJ  |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| Location Water   |          |  |                          | 0  | 8.34           | 0                          | 0             | 00:00   | 6           |               |                |   |  |  |  |
| Available Mix Water <b>400</b> Bbl   |          | Available Displ. Fluid <b>400</b> Bbl.     |                          | TOTAL  |                |                            | <b>6</b>      |   |             |               |                |   |  |  |  |
| HOLE   |          |  | TBG-CSG-D.P.             |  |                |                            | COLLAR DEPTHS |   |             |               |                |   |  |  |  |
| SIZE   | % EXCESS | DEPTH                                      | SIZE                     | WGT.   | TYPE           | DEPTH                      | GRADE         | SHOE  | FLOAT       | STAGE         |                |   |  |  |  |
| 6.25   | 0        | 13478                                      | 4.5                      | 11.6   | CSG            | 13474                      | N-80          |   |             |               |                |   |  |  |  |
| LAST CASING  |          |  | PKR-CMT RET-BR PL-LINER  |  |                | PERF. DEPTH                |               | TOP CONN  |             | WELL FLUID    |                |   |  |  |  |
| SIZE   | WGT      | TYPE                                       | DEPTH                    | BRAND & TYPE   |                | DEPTH                      | TOP           | RTM   | SIZE        | THREAD        | TYPE           | WGT.  |  |  |  |
|  |          |  |                          | No Packer  |                | 0                          | 0             | 0   | 2           | 8RD           | WATER BASED ML | 9.6   |  |  |  |
| 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      |                |   |  |  |  |
| 0  | BBLS     |  |                          | 0  | 0              | 0                          | 0             | 0   | 6224        | 4000          | Upright Tank   |   |  |  |  |
| <b>Circulation Prior to Job</b>  |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>   |          |  |                          | Circulation Time: 0  |                |                            |               | Circulation Rate: 0 BPM   |             |               |                |   |  |  |  |
| Mud Density In: 0 LBS/GAL  |          |  |                          | Mud Density Out: 0 LBS/GAL   |                |                            |               | PV & YP Mud In: 0   |             |               |                | PV & YP Mud Out: 0  |  |  |  |
| Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>   |          |  |                          | Units: 0   |                |                            |               | Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> |             |               |                |   |  |  |  |
| <b>Displacement And Mud Removal</b>  |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| Displaced By: Rig <input type="checkbox"/> BJ <input type="checkbox"/>   |          |  |                          | Amount Bled Back After Job: .1 BBLS  |                |                            |               |   |             |               |                |   |  |  |  |
| Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL   |          |  |                          | Method Used to Verify Returns: Visual  |                |                            |               |   |             |               |                |   |  |  |  |
| Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   |          |  |                          | Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES |                |                            |               |   |             |               |                |   |  |  |  |
| Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE      |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  |          |  |                          | Quantity:  |                |                            |               | Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID   |             |               |                |   |  |  |  |
| Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| <b>Plugs</b>   |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| 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  |             |               |                |   |  |  |  |
| <b>Squeezes (Update Original Treatment Report for Primary Job)</b>   |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| 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   |  |  |  |
| <b>Casing Test (Update Original Treatment Report for Primary Job)</b>  |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| Casing Test Pressure: 2000 PSI   |          |  |                          | With 8.34 LBS/GAL Mud  |                |                            |               | Time Held: 00 Hours 05 Minutes  |             |               |                |   |  |  |  |
| <b>Shoe Test (Update Original Treatment Report for Primary Job)</b>  |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| Depth Drilled out of Shoe: 0 FT  |          |  |                          | Target EMW: 0 LBS/GAL  |                |                            |               | Actual EMW: 0 LBS/GAL   |             |               |                |   |  |  |  |
| Number of Times Tests Conducted: 0   |          |  |                          | Mud Weight When Test was Conducted: 0 LBS/GAL  |                |                            |               |   |             |               |                |   |  |  |  |
| Problems Before Job (I.E. Running Casing, Circulating Well, ETC)<br>N/A  |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |
| Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)<br>N/A   |          |  |                          |  |                |                            |               |   |             |               |                |   |  |  |  |

# CEMENT JOB REPORT



Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
N/A

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

| PRESSURE/RATE DETAIL |                |         |             |                      |               | EXPLANATION  |          |
|----------------------|----------------|---------|-------------|----------------------|---------------|--|----------|
| TIME<br>HR:MIN.      | PRESSURE - PSI |         | RATE<br>BPM | Bbl. FLUID<br>PUMPED | FLUID<br>TYPE | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> |          |
|                      | PIPE           | ANNULUS |             |                      |               | TEST LINES   | 5000 PSI |
|                      |                |         |             |                      |               | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>                   |          |
| 18:15                | 0              | 0       | 0           | 0                    | N/A           | Pre Rig Up Meeting   |          |
| 19:50                | 0              | 0       | 0           | 0                    | N/A           | Safety Meeting   |          |
| 20:15                | 6100           | 0       | 0           | 0                    | WATER         | Pressure test  |          |
| 20:19                | 70             | 0       | 1           | 3                    | WATER         | Set Liner  |          |
| 20:32                | 3457           | 0       | 1           | 2                    | WATER         | Shear Pins   |          |
| 21:21                | 2000           | 0       | 0           | 1                    | WATER         | Casing Test  |          |
| 21:30                | 0              | 0       | 0           | 0                    | N/A           | Job Done   |          |
| 21:35                | 0              | 0       | 0           | 0                    | N/A           | Pre Rig Down Meeting   |          |

|   |                             |  |                                      |                              |                            |  |   |
|---|-----------------------------|--|--------------------------------------|------------------------------|----------------------------|--|---|
| BUMPED<br>PLUG<br>Y <input checked="" type="checkbox"/> N | PSI TO<br>BUMP<br>PLUG<br>0 | TEST<br>FLOAT<br>EQUIP.<br>Y <input checked="" type="checkbox"/> N | BBL.CMT<br>RETURNS/<br>REVERSED<br>0 | TOTAL<br>BBL.<br>PUMPED<br>6 | PSI<br>LEFT ON<br>CSG<br>0 | SPOT<br>TOP OUT<br>CEMENT<br>Y <input checked="" type="checkbox"/> N | Service Supervisor Signature:<br><i>Jeff Anderson</i> |
|---|-----------------------------|--|--------------------------------------|------------------------------|----------------------------|--|---|

KRN



BJ Services JobMaster Program Version 3.20  
Job Number: 1001700171  
Customer: EOG  
Well Name: Lion Creek 4-16H

