

CEMENT JOB REPORT



| | | | | | | |
|--|----------|--|--------------------|---|------------------------------|---|
| CUSTOMER NOBLE ENERGY INC - XML | | DATE 05-SEP-13 | F.R. # 10011011986 | | SERV. SUPV. REESE A ANDERSON | |
| LEASE & WELL NAME BUCKMUR B #2-14 - API 05123232910000 | | LOCATION 2-5N-64W | | COUNTY-PARISH-BLOCK Weld Colorado | | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # W/O | | TYPE OF JOB Squeeze-Top | | |
| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE | | MECHANICAL BARRIERS | | MD TVD HANGER TYPES MD TVD |
| No Shoe | | | | | | |
| PHYSICAL SLURRY PROPERTIES | | | | | | |
| MATERIALS FURNISHED BY BJ | | LAB REPORT NO. | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT ³ | PUMP TIME HR:MIN |
| Fresh Water | | 0 | 0 | 8.34 | 0 | 03:30 |
| Fresh Water | | 0 | 0 | 8.3 | 0 | 00:00 |
| Cement Slurry | | 0 | 425 | 15.8 | 1.15 | 00:00 |
| Available Mix Water 150 Bbl. | | Available Displ. Fluid 150 Bbl. | | TOTAL | | 101.89 50.58 |
| HOLE | | TBG-CSG-D.P. | | | | COLLAR DEPTHS |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE |
| 7.875 | 0 | 2944 | 8.097 | 8.625 | 24 | CSG |
| | | | 4 | 4.5 | 11.6 | CSG |
| LAST CASING | | PKR-CMT RET-BR PL-LINER | | PERF. DEPTH | | TOP CONN |
| ID | OD | WGT | TYPE | MD | TVD | WELL FLUID |
| 8.1 | 8.63 | 24 | CSG | 415 | 415 | NO PACKER |
| DISPL. VOLUME | | DISPL. FLUID | | CAL. PSI | | CAL. MAX PSI |
| VOLUME | UOM | TYPE | WGT. | BUMP PLUG | TO REV. | OP. MAX |
| 2 | BBLS | Fresh Water | 8.34 | 0 | 0 | 0 |
| Circulation Prior to Job | | Circulation Time: 1 | | Circulation Rate: 2 BPM | | |
| Mud Density In: 8.4 LBS/GAL | | Mud Density Out: 8.4 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: 0 BBLS | | | | |
| Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL | | Method Used to Verify Returns: VISUAL | | | | |
| 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"/> RECIPROCATION <input checked="" 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 | | | | | | |
| Plugs | | | | | | |
| Number of Attempts by BJ: 0 | | Competition: 0 | | Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | |
| Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | Quantity: | | |
| 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 | | |
| Shoe Test (Update Original Treatment Report for Primary Job) | | | | | | |
| 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 | | | | |

CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

NONE

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

NONE

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

| PRESSURE/RATE DETAIL | | | | | | EXPLANATION | |
|--|------------------------|--|---------------------------------|-------------------------|-----------------------|--|-------------------------------|
| TIME HR:MIN. | PRESSURE - PSI | | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> | |
| | PIPE | ANNULUS | | | | TEST LINES .2540 PSI | |
| | | | | | | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | |
| 11:00 | 0 | 0 | 0 | 0 | NA | YARD CALL | |
| 13:17 | 0 | 0 | 0 | 0 | NA | LEAVE YARD | |
| 14:40 | 0 | 0 | 0 | 0 | NA | ARRIVE ON LOCATION | |
| 14:55 | 0 | 0 | 0 | 0 | NA | SPOT TRUCKS/PRE RIG UP MEETING/RIG UP | |
| 15:42 | 0 | 0 | 0 | 0 | NA | SAFETY MEETING | |
| 15:58 | 2540 | 0 | 0 | 0 | H2O | PRESSURE TEST | |
| 16:03 | 877 | 0 | 1.1 | 3 | H2O | PRE FLUSH | |
| 16:11 | 767 | 0 | 1.1 | 85 | CMT | 425 SACKS 15.8 PPG CEMENT | |
| 17:31 | 842 | 0 | 1.1 | 2 | H2O | DISPLACEMENT | |
| 17:40 | 0 | 0 | 0 | 0 | NA | WASH PUMPS AND LINES | |
| 17:55 | 0 | 0 | 0 | 0 | NA | PRE RIG DOWN MEETING/RIG DOWN | |
| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | BBL.CMT RETURNS/ REVERSED | TOTAL BBL. PUMPED | PSI LEFT ON CSG | SPOT TOP OUT CEMENT | Service Supervisor Signature: |
| Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0 | | Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5 | | 90 | 0 | Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | |



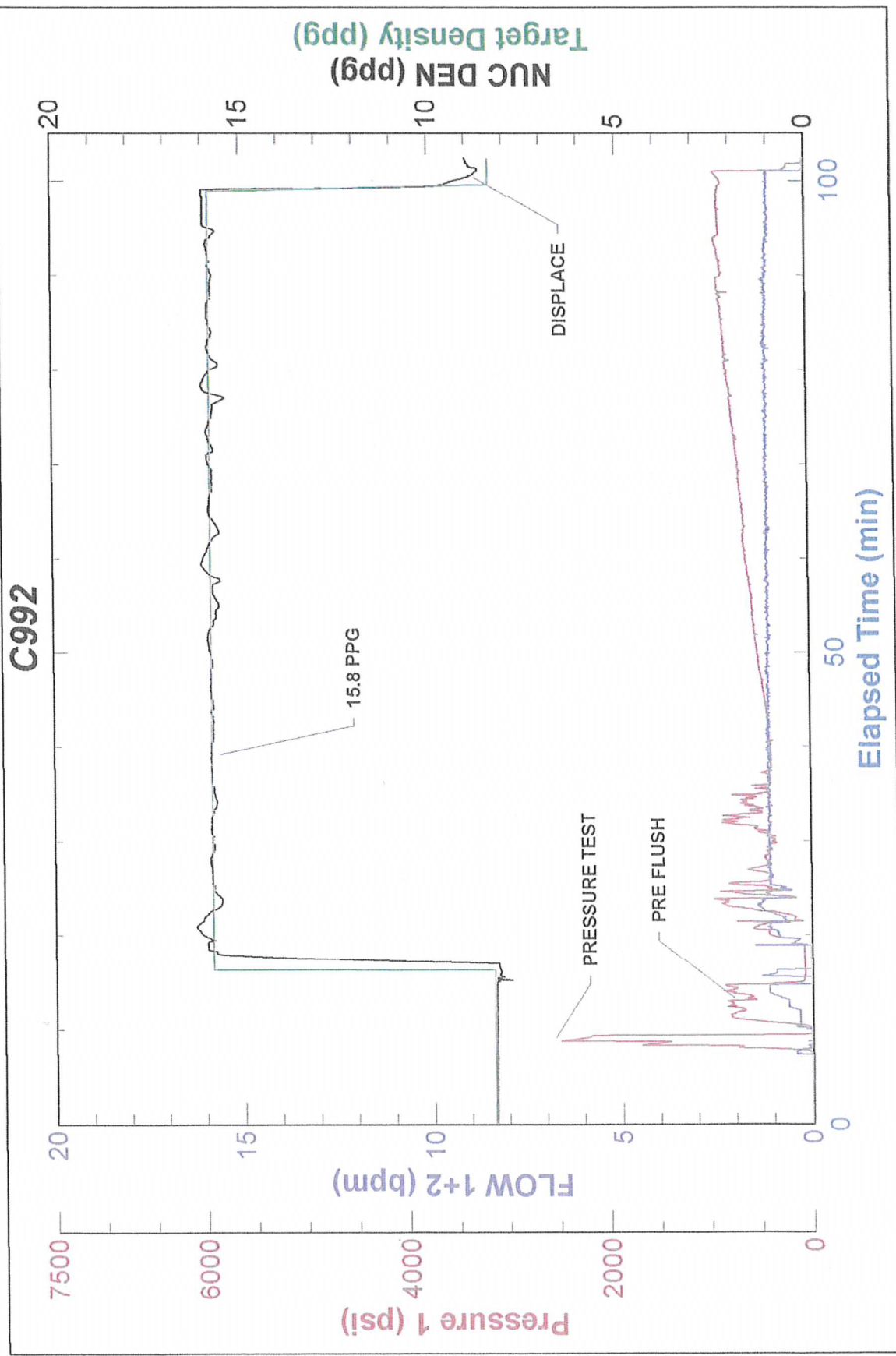
Baker Hughes JobMaster Program Version 3.60

Job Number: 10011011986

Customer: NOBLE

Well Name: BUCKMUR B 2-14

C992



Baker Hughes

Job Start: Thursday, September 05, 2013