

CEMENT JOB REPORT



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

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
FACILITIES AIR COMPRESSOR WENT DOWN, UNABLE TO LOAD BULK TRUCK ON TIME.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
C156 BLEW A PRODUCT LINE HAD TO CALL FOR NEW PUMP. Did not get cement to surface had to call for additional cement to be brought out

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 | 2960 PSI |
| | | | | | | CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | |
| 04:15 | 0 | 0 | 0 | 0 | N/A | YARD CALL | |
| 06:59 | 0 | 0 | 0 | 0 | N/A | ARRIVE ON LOCATION (49 MILES) RUNNING LAST FEW JOINTS OF CASING | |
| 04:00 | 0 | 0 | 0 | 0 | N/A | FACILITIES AIR COMPRESSOR WENT DOWN | |
| 07:00 | 0 | 0 | 0 | 0 | N/A | WAITING ON BULK TRUCK TO BE LOADED FROM FACILITIES | |
| 07:34 | 0 | 0 | 0 | 0 | N/A | BULK TRUCK LOADED AND HEADING TOWARDS LOCATION | |
| 07:50 | 0 | 0 | 0 | 0 | N/A | SPOT TRUCKS | |
| 07:52 | 0 | 0 | 0 | 0 | N/A | PRE-RIG UP SAFETY MEETING | |
| 08:45 | 0 | 0 | 0 | 0 | N/A | BULK TRUCK ARRIVED ON LOCATION | |
| 08:50 | 0 | 0 | 0 | 0 | N/A | SAFETY MEETING | |
| 11:56 | 2960 | 0 | 0 | 0 | WATER | PRESSURE TEST | |
| 11:59 | 122 | 0 | 6 | 30 | WATER | FRESH WATER SPACER | |
| 12:11 | 94 | 0 | 3.7 | 44 | CMT | BATCH UP, WEIGH AND PUMP 218 SX OF TYPE III + 0.08 LBS/SACK + 2% CACL2 + 0.25 LBS/SACK CELLO FLAKE @ 14.5 PPG | |
| 12:24 | 0 | 0 | 0 | 0 | N/A | RELEASE PLUG | |
| 12:26 | 123 | 0 | 6 | 25 | WATER | START DISPLACEMENT | |
| 12:33 | 195 | 0 | 4.8 | 5 | WATER | DROP RATE | |
| 12:34 | 792 | 0 | 2.4 | 5 | WATER | LAND PLUG 35 BBLs | |
| 12:35 | 244 | 0 | 0 | 0 | N/A | BLEED DOWN PRESSURE TO 244 psi | |
| 13:00 | 0 | 0 | 0 | 0 | N/A | CALL FOR TOP OUT TRUCK | |
| 15:45 | 0 | 0 | 0 | 0 | N/A | Top out truck arrived on location | |
| 15:58 | 60 | 0 | 3 | 12 | CMT | Batch up, weigh and pump 59 SXS of class g neat cement + 1.5% Calcium Chloride | |
| 16:00 | 0 | 0 | 0 | 0 | N/A | PRE-RIG DOWN SAFETY MEETING | |
| 16:45 | 0 | 0 | 0 | 0 | N/A | TIME OFF LOCATION | |

| | | | | | | | |
|--|------------------|--|---------------------------|-------------------|-----------------|--|-----------------------------------|
| 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: |
| <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 201 | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 0 | 131 | 244 | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | |

CEMENT JOB REPORT



| | | | | | | | | | | | | | | |
|---|------------------------------------|--|--------------------------------|--|----------------------------------|-------------------------|-------------------------|---|----------------------|-------------------------|---------------------|----------------------------------|------------------------------------|-------------|
| CUSTOMER BAYSWATER EXPLORATION | | DATE 24-SEP-12 | F.R. # 1001937081 | SERV. SUPV. RYAN R STEVENS | | | | | | | | | | |
| LEASE & WELL NAME BALDRIDGE #7-1 - API 05123357250000 | | LOCATION 36-7N-67W | | COUNTY-PARISH-BLOCK Weld Colorado | | | | | | | | | | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # ENSIGN 7 | | TYPE OF JOB Surface | | | | | | | | | | |
| SIZE & TYPE OF PLUGS | LIST-CSG-HARDWARE | MECHANICAL BARRIERS | | MD | TVD | HANGER TYPES | MD | TVD | | | | | | |
| Cement Plug, Rubber, Top 8-5/8 in | Float Collar, Al Flap, 8-5/8 - 8rd | NONE | | 0 | 0 | NONE | 0 | 0 | | | | | | |
| | Float Shoe 8-5/8 - 8rd | | | | | | | | | | | | | |
| | Centralizer, with Pins, 8-5/8 in | | | | | | | | | | | | | |
| | Cement Basket, Slip On, 8-5/8 in | | | | | | | | | | | | | |
| | | | | PHYSICAL SLURRY PROPERTIES | | | | | | | | | | |
| MATERIALS FURNISHED BY BJ | | LAB REPORT NO. | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT³ | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER | | | | | |
| Fresh WWater | | 0 | 0 | 8.34 | 0 | 0 | 00:00 | 35.9 | | | | | | |
| Fresh WWater + Dye | | 0 | 0 | 8.34 | 0 | 0 | 00:00 | 10 | | | | | | |
| TypeIII+ 2%CaCl+.25%CF | | 0 | 218 | 14.5 | 1.41 | 6.82 | 02:30 | 54.81 | 35.42 | | | | | |
| Fresh WWater | | 0 | 0 | 8.34 | 0 | 0 | 00:00 | 30 | | | | | | |
| Class G cement + 1.5 % calcium chloride | | 0 | 200 | 15.8 | 1.15 | 5 | 00:00 | 40.9 | 23.77 | | | | | |
| Available Mix Water | | 400 | Bbl. | Available Displ. Fluid | | 100 | Bbl. | TOTAL | | | | | | |
| | | | | | | | | 171.61 | 59.20 | | | | | |
| HOLE | | | TBG-CSG-D.P. | | | | | COLLAR DEPTHS | | | | | | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | MD | TVD | GRADE | SHOE | FLOAT | STAGE | | |
| 12.25 | 0 | 615 | 8.097 | 8.625 | 24 | CSG | 604 | 604 | J-55 | 604 | 563 | 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. |
| | | | | | | NO LINER | | 0 | | | 8.625 | 8RD | WATER BASED | 9.5 |
| 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 | | | | |
| 35.9 | BBLs | Fresh Water | 8.34 | 194 | 0 | 0 | 0 | 0 | 2360 | 1000 | RIG TANK | | | |
| 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: 9.5 LBS/GAL | | | | Mud Density Out: 9.5 LBS/GAL | | | | PV & YP Mud In: 41 | | | PV & YP Mud Out: 41 | | | |
| 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 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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE | | | | | | | | | | | | | | |
| Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | | | Quantity: 4 | | | | Type: <input checked="" 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 | | | | | | |