

CEMENT JOB REPORT



| | | | | | | | | | | | | | |
|--|-----------------|--------------------------|--------------------------------|---|---------------------|---|-----------------------|---|-------------------------|---|-------------------|----------------------|-------------|
| CUSTOMER BAYSWATER EXPLORATION ; | | | | DATE 25-FEB-15 | | F.R. # 10011140539 | | | | SERV. SUPV. FELIPE LANDA | | | |
| LEASE & WELL NAME MATRIX #P-29HN - API 05123407030000 | | | | LOCATION 29-6N-65W | | | | COUNTY-PARISH-BLOCK Weld Colorado | | | | | |
| DISTRICT Brighton | | | | DRILLING CONTRACTOR RIG # | | | | TYPE OF JOB Liner | | | | | |
| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE | | MECHANICAL BARRIERS | | MD | TVD | HANGER TYPES | | MD | TVD | | |
| | | | | Liner Packer | | 6843 | | Liner | | 6843 | | | |
| MATERIALS FURNISHED BY BJ | | | | LAB REPORT NO. | | PHYSICAL SLURRY PROPERTIES | | | | | | | |
| | | | | | | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT³ | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER | |
| Fresh Water | | | | | | | 8.34 | | | | 20 | | |
| UltraFlush Spacer | | | | | | | 12 | | | | 40 | | |
| (50:50) Class G:Poz + Adds | | | | 385 | | | 14.5 | 1.44 | 6.19 | | 98.7 | 56.69 | |
| Fresh Water | | | | | | | 8.34 | | | | 143 | | |
| Available Mix Water 500 Bbl. | | | | Available Displ. Fluid 500 Bbl. | | | | TOTAL | | 301.7 | 56.69 | | |
| HOLE | | | TBG-CSG-D.P. | | | | | | | COLLAR DEPTHS | | | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | MD | TVD | GRADE | SHOE | FLOAT | STAGE | |
| 6.125 | 15 | 11863 | 3.34 | 4 | 14 | DP | 4978 | | | | | | |
| | | | 2.563 | 4 | 28.9 | DP | 1840 | | | | | | |
| 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. |
| 6.3 | 7 | 26 | CSG | 7820 | 7109 | LINER | 6843 | 0 | 0 | 4 | 8RD | WATER BASED | 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 | | | |
| 143 | BBLS | Fresh Water | 8.34 | 950 | 0 | 0 | 0 | 0 | | 5000 | 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: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL | | | | | | PV & YP Mud In: 13 | | | PV & YP Mud Out: 13 | | | | |
| 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: 1.5 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 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 checked="" type="checkbox"/> NO MANIFOLD | | | | | | | | | | | | | |
| Plugs | | | | | | | | | | | | | |
| Number of Attempts by BJ: 0 | | | | | | Competition: | | 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: | | | | | | | | | | | | | |
| PRESSURE/RATE DETAIL | | | | | | EXPLANATION | | | | | | | |

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)
 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

| 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 | 8160 PSI |
| | | | | | | CIRCULATING WELL - RIG | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 10:15 | 0 | 0 | 0 | 0 | NA | ARRIVE ON LOCATION (rig running drill pipe) | |
| 10:30 | 0 | 0 | 0 | 0 | NA | SPOT TRUCKS/PRE RIG UP SAFETY MEETING | |
| 11:00 | 0 | 0 | 0 | 0 | NA | RIG RUNNING DRILL PIPE/ BHI STANDING BY | |
| 14:35 | 0 | 0 | 0 | 0 | NA | PRE JOB SAFETY MEETING | |
| 15:27 | 0 | 0 | .8 | 1 | H2O | LOAD LINES | |
| 15:29 | 1791 | 0 | 0 | 0 | H2O | LOW PRESSURE TEST | |
| 15:31 | 8160 | 0 | 0 | 0 | H2O | HIGH PRESSURE TEST | |
| 15:37 | 1153 | 0 | 4.8 | 20 | H2O | FRESH WATER | |
| 15:48 | 1081 | 0 | 4 | 40 | H2O | ULTRAFLUSH II @ 12 PPG | |
| 16:04 | 230 | 0 | 3.6 | 97 | CEMENT | 385 SACKS OF 50:50 POZ (FLY ASH) : CLASS "G" CEMENT + 0.45% R-3 + 0.6% FL-52 + 0.01 gps FP-6L + 20% SILICA FLOUR + 0.2% BA-59 + 0.2% FL-66 + 3% BENTONITE II @ 14.5 PPG | |
| 16:44 | 0 | 0 | 0 | 0 | H2O | WASH UP PUMP AND LINES | |
| 16:58 | 1608 | 0 | 5.6 | 55 | H2O | DISPLACE | |
| 17:09 | 1400 | 0 | 2 | 5 | H2O | RATE CHANGE | |
| 17:12 | 1839 | 0 | 4.8 | 70 | H2O | RATE CHANGE | |
| 17:27 | 950 | 0 | 2 | 5 | H2O | RATE CHANGE | |
| 17:30 | 1656 | 0 | 2 | 0 | H2O | BUMP PLUG @ 135 BBLS | |
| 17:33 | 0 | 0 | 0 | 0 | H2O | CHECK FLOATS | |
| 17:35 | 3197 | 0 | 1.7 | 5 | H2O | PUMP 5 BBLS | |
| 17:40 | 0 | 0 | 0 | 0 | NA | RIG STOMPED PACKER | |
| 18:01 | 0 | 3122 | 1.2 | 0 | H2O | TEST PACKER | |
| 18:06 | 0 | 3074 | 0 | 0 | H2O | END PACKER TEST | |
| 18:14 | 1513 | 0 | 6 | 170 | H2O | CIRCULATE WELL CLEAN (10 bbls cement to surface) | |
| 18:55 | 0 | 0 | 0 | 0 | NA | POST JOB RIG DOWN SAFETY MEETING | |
| BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | PSI TO BUMP PLUG 1656 | TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | BBL.CMT RETURNS/ REVERSED 10 | TOTAL BBL. PUMPED 475 | PSI LEFT ON CSG 0 | SPOT TOP OUT CEMENT Y <input type="checkbox"/> N | Service Supervisor Signature: |

MATRIX P-29HN (C938)

