

CEMENT JOB REPORT



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|--|-----------------|--------------------------------------|--------------------------------|---|---------------------|---|--------------------|---|---|----------------------------------|-------------------|-------------------------|-------------------|----------------------|
| CUSTOMER CARRIZO OIL & GAS INC XML | | | | DATE 08-AUG-14 | | F.R. # 10011088455 | | | | SERV. SUPV. ERIC S DEWIT | | | | |
| LEASE & WELL NAME BRINGELSON RANCH 5-34-9-58 - API 05123399480 | | | | LOCATION 34-9N-58W | | | | COUNTY-PARISH-BLOCK Weld Colorado | | | | | | |
| DISTRICT Brighton | | | | DRILLING CONTRACTOR RIG # Xtreme Coil #19 | | | | TYPE OF JOB Surface | | | | | | |
| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE | | MECHANICAL BARRIERS | | MD | TVD | HANGER TYPES | | MD | TVD | | | |
| Cement Plug, Rubber, Top 9-5/8 in | | Float Collar, Auto Fill, 9-5/8 - 8rd | | | | | | | | | | | | |
| | | Float Shoe/Circ Dif 9-5/8 - 8rd | | | | | | | | | | | | |
| 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 + 2 lbs Red Dye | | | | NA | | | | 0 | 8.34 | 0 | 0 | 00:00 | 15 | |
| Type III Cmt + adds | | | | NA | | | | 146 | 14.5 | 1.41 | 6.82 | 02:30 | 36.58 | 23.70 |
| Premium Lite Cmt + adds | | | | NA | | | | 400 | 13 | 1.81 | 9.46 | 03:00 | 129.24 | 90.09 |
| Fresh Water | | | | NA | | | | 0 | 8.34 | 0 | 0 | 00:00 | 108.23 | |
| Available Mix Water 400 Bbl. | | | | Available Displ. Fluid 400 Bbl. | | | | TOTAL | | | | 289.05 | 113.79 | |
| HOLE | | | TBG-CSG-D.P. | | | | | | COLLAR DEPTHS | | | | | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | MD | TVD | GRADE | SHOE | FLOAT | STAGE | | |
| 12.25 | 100 | 1440 | 8.921 | 9.625 | 36 | CSG | 1440 | 1440 | | 1450 | 1406 | 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. | 16 | 65 | CSG | 70 | 70 | NO PACKER | 0 | 0 | 0 | 9.625 | 8 RD | WATER BASED | 8.34 | |
| 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 | | | | |
| 108.7 | BBLS | Fresh Water | 8.34 | 383 | 0 | 0 | 0 | 0 | 2816 | 1200 | RIG | | | |
| Circulation Prior to Job | | | | | | | | | | | | | | |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | | | | | | Circulation Time: 1 | | | Circulation Rate: 2 BPM | | | | | |
| Mud Density In: 8.3 LBS/GAL Mud Density Out: 8.3 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: .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 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 checked="" type="checkbox"/> MANIFOLD <input 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: 1510 PSI With 8.3 LBS/GAL Mud | | | | | | Time Held: 00 Hours 15 Minutes | | | | | | | | |
| EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE | | | | | | | | | | | | | | |
| 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 type="checkbox"/> | |
| | PIPE | ANNULUS | | | | TEST LINES | 3896 PSI |
| | | | | | | CIRCULATING WELL - RIG | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 08:30 | 0 | 0 | 0 | 0 | NA | LEAVE YARD | |
| 11:40 | 0 | 0 | 0 | 0 | NA | ARRIVE LOCATION | |
| 06:30 | 0 | 0 | 0 | 0 | NA | SPOT TRUCKS | |
| 06:40 | 0 | 0 | 0 | 0 | NA | PRE-RIG UP SAFETY MEETING | |
| 08:00 | 0 | 0 | 0 | 0 | NA | PRE-JOB SAFETY MEETING | |
| 08:15 | 0 | 0 | .8 | 2 | H2O | LOAD LINES | |
| 08:20 | 0 | 0 | 0 | 0 | H2O | PRESSURE TEST | |
| 08:25 | 0 | 0 | 0 | 0 | H2O | PUMP SPACER WITH DYE | |
| 08:30 | 0 | 0 | 0 | 123 | CMT | BATCH UP/ PUMP LEAD CEMENT | |
| 09:12 | 0 | 0 | 0 | 31 | CMT | BATCH UP/ PUMP TAIL CEMENT | |
| 09:22 | 0 | 0 | 0 | 0 | NA | DROP PLUG | |
| 09:25 | 203 | 0 | 3.4 | 108 | H2O | DISPLACE | |
| 09:59 | 1103 | 0 | 0 | 0 | NA | BUMP PLUG AT | |
| 10:02 | 0 | 0 | 0 | 0 | NA | CHECK FLOATS: BLEEDBACK = .5 BBLS | |
| 10:04 | 1510 | 0 | 0 | 0 | NA | CASING TEST 1510 PSI FOR 15 MINUTES | |
| 10:19 | 0 | 0 | 0 | 0 | NA | CASING TEST SUCCESSFUL | |
| 10:26 | 0 | 0 | 0 | 0 | NA | PRE-RIG DOWN SAFETY MEETING | |
| BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | PSI TO BUMP PLUG 1103 | TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | BBL.CMT RETURNS/ REVERSED 75 | TOTAL BBL. PUMPED 278.8 | PSI LEFT ON CSG 0 | SPOT TOP OUT CEMENT Y <input type="checkbox"/> N | Service Supervisor Signature: |