

CEMENT JOB REPORT



| | | | | | | | |
|--|-----------------|---|-------------|---|-----------------------|---------------------------------------|--------------------|
| CUSTOMER EXTRACTION OIL AND GAS | | DATE 03-JUN-15 | | F.R. # 10011158679 | | SERV. SUPV. BRYAN J BARBARIGOS | |
| LEASE & WELL NAME WAAG #25 - API 05123403470000 | | LOCATION 19-7N-65W | | COUNTY-PARISH-BLOCK Weld Colorado | | | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # | | TYPE OF JOB Surface | | | |
| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE | | MECHANICAL BARRIERS | | MD | TVD |
| 9-5/8" Top Cem Plug, Nitri cvr, Phen-R | | Float Shoe 9-5/8 - 8rd | | NONE | | | |
| | | Float Collar, Al Flap, 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 |
| Fresh Water + Dye | | N/A | | 0 | 8.34 | 0 | 0 |
| Surface Cement | | 06-005-15 | | 367 | 14.5 | 1.41 | 6.82 |
| Fresh Water | | N/A | | 0 | 8.34 | 0 | 0 |
| Available Mix Water 300 Bbl. | | Available Displ. Fluid 300 Bbl. | | TOTAL | | 164.53 | 59.59 |
| HOLE | | TBG-CSG-D.P. | | | | COLLAR DEPTHS | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | MD |
| 13.5 | 20 | 879 | 8.921 | 9.625 | 36 | CSG | 879 |
| | | | | | | GRADE | SHOE |
| | | | | | | J-55 | 877 |
| | | | | | | TVD | STAGE |
| | | | | | | 879 | 1 |
| LAST CASING | | PKR-CMT RET-BR PL-LINER | | PERF. DEPTH | | TOP CONN | |
| ID | OD | WGT | TYPE | MD | TVD | SIZE | THREAD |
| | | | | | | 9.625 | 8RND |
| | | NO PACKER | | 0 | | | FRESH WATER |
| | | | | | | WGT. | |
| | | | | | | 8.4 | |
| DISPL. VOLUME | | DISPL. FLUID | | CAL. PSI | CAL. MAX PSI | OP. MAX | MAX TBG PSI |
| VOLUME | UOM | TYPE | WGT. | BUMP PLUG | TO REV. | SQ. PSI | RATED |
| 64.4 | BBLS | Fresh Water | 8.34 | 263 | 0 | 0 | 0 |
| | | | | | | Operator | MAX CSG PSI |
| | | | | | | | RATED |
| | | | | | | | Operator |
| | | | | | | | 2816 |
| | | | | | | | 2000 |
| | | | | | | | RIG TANK |
| Circulation Prior to Job | | | | | | | |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | | | | Circulation Time: 1 | | | |
| Mud Density In: 8.4 LBS/GAL | | | | Mud Density Out: 8.4 LBS/GAL | | | |
| Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | | Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | |
| Units: | | | | Circulation Rate: 8 BPM | | | |
| PV & YP Mud In: 0 | | | | PV & YP Mud Out: 0 | | | |
| 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 type="checkbox"/> NO MANIFOLD | | | | | | | |
| Plugs | | | | | | | |
| Number of Attempts by BJ: 0 | | | | Competition: 0 | | | |
| Wiper Balls Used: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | | | Quantity: 0 | | | |
| 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 | | | |
| 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:

| 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 | 3000 PSI |
| | | | | | | CIRCULATING WELL - RIG | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 20:30 | 0 | 0 | 0 | 0 | N/A | LEAVE YARD | |
| 21:30 | 0 | 0 | 0 | 0 | N/A | ARRIVE ON LOCATION 42 MILES | |
| 21:45 | 0 | 0 | 0 | 0 | N/A | SPOT TRUCKS | |
| 21:50 | 0 | 0 | 0 | 0 | N/A | PRE-RIG UP MEETING | |
| 23:00 | 0 | 0 | 0 | 0 | N/A | PRE-JOB MEETING | |
| 23:23 | 3 | 0 | 1.3 | 2 | H2O | LOAD LINES | |
| 23:29 | 3631 | 0 | .5 | .5 | H2O | PRESSURE TEST | |
| 23:33 | 7 | 0 | 4 | 10 | H2O | SPACER | |
| 23:37 | 52 | 0 | 3.7 | 96 | CMT | 390 SX AT 14.5 BATCH/WEIGH/PUMP | |
| 00:20 | 10 | 0 | 4.3 | 50 | H2O | DROP PLUG/DISPLACEMENT | |
| 00:36 | 293 | 0 | 2.4 | 14 | H2O | SLOW RATE | |
| 00:39 | 1098 | 0 | 0 | 0 | H2O | BUMP PLUG/TEST FLOATS | |
| 00:45 | 0 | 0 | 0 | 0 | N/A | JOB COMPLETE | |

| | | | | | | | |
|--|-------------------------------|---|---------------------------------------|--------------------------------|----------------------------|---|-------------------------------|
| BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | PSI TO BUMP PLUG 265 | TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | BBL.CMT RETURNS/ REVERSED 16 | TOTAL BBL. PUMPED 173 | PSI LEFT ON CSG 0 | SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | Service Supervisor Signature: |
|--|-------------------------------|---|---------------------------------------|--------------------------------|----------------------------|---|-------------------------------|