

CEMENT JOB REPORT



| | | | | | | | | | | | | | | |
|--|-----------------|---|---------------------|---|---------------------|---|--------------------|---|-------------------------|----------------------------------|------------------|-------------------------|-------------------|----------------------|
| CUSTOMER WHITING OIL & GAS CORP XM | | | | DATE 12-SEP-14 | | F.R. # 10011098927 | | SERV. SUPV. Zachary Fagg | | | | | | |
| LEASE & WELL NAME RAZOR #21C-0905 - API 05123395250000 | | | | LOCATION 21-10N-58W | | | | 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 | | | |
| Dart For Plug Catcher, 4-1/2 In | | Float Shoe 4-1/2 - 8rd | | Liner Packer | | 14000 | 5793 | Liner | 5150 | 5150 | | | | |
| | | Centralizer, with Fins, 4-1/2 in | | | | | | | | | | | | |
| | | Float Collar, Ball Valve, 4-1/2 - 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 |
| 50:50 + Adds | | | | | | | | 681 | 14.5 | 1.21 | 5.26 | 04:43 | 147.20 | 85.36 |
| Fresh Water | | | | | | | | 0 | 8.34 | 0 | 0 | 00:00 | 171 | |
| Ultraflush II | | | | | | | | 0 | 12 | 0 | 0 | 00:00 | 20 | |
| Fresh Water | | | | | | | | 0 | 8.34 | 0 | 0 | 00:00 | 20 | |
| Available Mix Water 500 Bbl. | | | | Available Displ. Fluid 500 Bbl. | | | | TOTAL | | | | 358.20 | 85.36 | |
| HOLE | | | TBG-CSG-D.P. | | | | | | | COLLAR DEPTHS | | | | |
| SIZE | % EXCESS | DEPTH | ID | OD | WGT. | TYPE | MD | TVD | GRADE | SHOE | FLOAT | STAGE | | |
| 6 | 15 | 14006 | 4 | 4.5 | 11.6 | CSG | 14000 | 5793 | N-80 | 14000 | 13970 | 0 | | |
| | | | 3.34 | 4 | 14 | DP | 5166 | 5166 | L-80 | | | | | |
| 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. | |
| 6.2 | 7 | 29 | CSG | 6125 | 6125 | BAKER PACKER | 5150 | 0 | 0 | 4 | 8 RND | WATER BASED | 9.1 | |
| 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 | | | | |
| 187.9 | BBLS | Fresh Water | 8.34 | 0 | 0 | 0 | 0 | 0 | 0 | 8552 | 5030 | RIG | | |
| Circulation Prior to Job | | | | | | | | | | | | | | |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | | | | | | Circulation Time: 1 | | | Circulation Rate: 4 BPM | | | | | |
| Mud Density In: 9.1 LBS/GAL Mud Density Out: 9.1 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 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: 100 | | 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 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: NONE | | | | | | | | | | | | | | |

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 | 5030 PSI |
| | | | | | | CIRCULATING WELL - RIG | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 19:00 | 0 | 0 | 0 | 0 | N/A | LEAVE DISTRICT | |
| 21:33 | 0 | 0 | 0 | 0 | N/A | ARRIVE ON LOCATION | |
| 02:16 | 0 | 0 | 0 | 0 | N/A | SPOT TRUCKS | |
| 02:34 | 0 | 0 | 0 | 0 | N/A | PRE RIG UP SAFETY MEETING AND RIG UP | |
| 05:24 | 0 | 0 | 0 | 0 | N/A | FINISH RIGGING UP | |
| 07:30 | 0 | 0 | 0 | 0 | N/A | SAFETY MEETING | |
| 09:25 | 284 | 0 | 1 | 2 | H2O | LOAD LINES | |
| 09:31 | 1150 | 0 | 0 | 0 | H2O | LOW PRESSURE TEST | |
| 09:33 | 5030 | 0 | 0 | 0 | H2O | HIGH PRESSURE TEST | |
| 09:40 | 1151 | 0 | 4 | 20 | H2O | PREFLUSH FRESH H2O SPACER | |
| 09:45 | 1123 | 0 | 4 | 20 | H2O | ULTRA FLUSH SPACER 12# | |
| 10:05 | 1323 | 0 | 4.5 | 141 | CMNT | 14.5# SLURRY | |
| 10:50 | 0 | 0 | 0 | 0 | N/A | SHUT DOWN | |
| 10:58 | 211 | 0 | 4.5 | 24 | H2O | WASH UP | |
| 11:12 | 1718 | 0 | 4.1 | 173 | H2O | DISPLACEMENT | |
| 11:21 | 1718 | 0 | 4.1 | 34 | H2O | PICK UP DART | |
| 11:44 | 1177 | 0 | 2.6 | 120 | H2O | SLOW RATE | |
| 11:47 | 1104 | 0 | 2.3 | 131 | H2O | SLOW RATE | |
| 11:54 | 1870 | 0 | 4 | 140 | H2O | RAISE RATE | |
| 12:00 | 1123 | 0 | 2 | 159 | H2O | SLOW RATE | |
| 12:03 | 1402 | 0 | 2.5 | 163 | H2O | RAISE RATE | |
| 12:04 | 2469 | 0 | 0 | 166 | H2O | LAND PLUG | |
| 12:17 | 0 | 0 | 0 | 0 | N/A | SET PACKER | |
| 12:22 | 0 | 2006 | 0 | 0 | H2O | BACKSIDE TEST 2000 PSI/5 MINUTES | |
| 12:33 | 1438 | 0 | 7.2 | 150 | H2O | ROLL HOLE | |
| 12:57 | 0 | 0 | 0 | 0 | N/A | SHUT DOWN | |
| BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | PSI TO BUMP PLUG 2469 | TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N | BBL.CMT RETURNS/ REVERSED 11 | TOTAL BBL. PUMPED 502 | PSI LEFT ON CSG 0 | SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N | Service Supervisor Signature: |

Load Sheet



WELL NAME RAZOR #21C-0905

JOB DATE SEP-13-2014

FIELD RECEIPT DATE SEP-12-2014

[illegible]

DATE SEP-12-2014

DATE SEP-14-2014

DATE _____