

CEMENT JOB REPORT



| | | | | | |
|---|-------------|---|-------------------|---|----------------------------|
| CUSTOMER MARATHON OIL - XML | | DATE 17-APR-12 | F.R. # 1001902560 | SERV. SUPV. AARON M MCWILLIAMS | |
| LEASE & WELL NAME CROW VALLEY 7-62-28 #4H - API 05123352390000 | | LOCATION 28-7N-62W | | COUNTY-PARISH-BLOCK Weld Colorado | |
| DISTRICT Brighton | | DRILLING CONTRACTOR RIG # H&P 321 | | TYPE OF JOB Surface | |
| SIZE & TYPE OF PLUGS | | LIST-CSG-HARDWARE | | MECHANICAL BARRIERS MD TVD | |
| Cement Plug, Rubber, Top 9-5/8 in | | Float Collar, Auto Fill, 4-1/2 - 8rd | | | |
| | | Float Shoe 4-1/2 - 8rd | | | |
| | | Centralizer, with Pins, 4-1/2 in | | | |
| | | Cement Basket, Slip On, 4-1/2 in | | | |
| PHYSICAL SLURRY PROPERTIES | | | | | |
| MATERIALS FURNISHED BY BJ | | LAB REPORT NO. | SACKS OF CEMENT | SLURRY WGT PPG | SLURRY YLD FT ³ |
| Fresh water | | 0 | 0 | 8.34 | 0 |
| Type III+1.5%CaCl+.15#/skCF | | 0 | 330 | 14.5 | 1.41 |
| Fresh water | | 0 | 0 | 8.34 | 0 |
| Available Mix Water 500 Bbl. | | Available Displ. Fluid 300 Bbl. | TOTAL | | 164.14 53.58 |
| HOLE | | TBG-CSG-D.P. | | | COLLAR DEPTHS |
| SIZE | % EXCESS | DEPTH | ID OD | WGT. TYPE | MD TVD GRADE |
| 12.25 | 100 | 730 | 8.835 9.625 | 40 CSG | 725 725 P-110 |
| LAST CASING | | PKR-CMT RET-BR PL-LINER | | PERF. DEPTH | |
| ID OD | WGT TYPE | MD TVD | BRAND & TYPE | DEPTH | TOP BTM |
| 16. 16 | 62.6 CSG | 40 | 40 No packer | 0 | 0 0 |
| DISPL. VOLUME | | DISPL. FLUID | | CAL. PSI | |
| VOLUME UOM | TYPE | WGT. | BUMP PLUG | TO REV. | SQ. PSI |
| 51 BBLS | Fresh water | 8.34 | 215 | 0 | 0 |
| Circulation Prior to Job | | Circulation Time: 2 Circulation Rate: 7 BPM | | | |
| Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/> | | PV & YP Mud In: 0 PV & YP Mud Out: 0 | | | |
| Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL | | Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> | | | |
| Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units: | | | | | |
| 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: Visually | | | |
| 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES | | Quantity: 7 | | 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"/> | |
| 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)
 N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 N/A

| 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 | 3188 PSI |
| | | | | | | CIRCULATING WELL - RIG | <input checked="" type="checkbox"/> BJ <input type="checkbox"/> |
| 08:45 | 0 | 0 | 0 | 0 | N/A | Yard call | |
| 11:30 | 0 | 0 | 0 | 0 | N/A | Leave yard | |
| 12:50 | 0 | 0 | 0 | 0 | N/A | Arrive on location 57 miles Rig running casing | |
| 13:05 | 0 | 0 | 0 | 0 | N/A | Spot trucks | |
| 13:10 | 0 | 0 | 0 | 0 | N/A | Pre rig up safety meeting | |
| 16:30 | 0 | 0 | 0 | 0 | N/A | Pre job safety meeting | |
| 17:02 | 3188 | 0 | 0 | 0 | H2O | Pressure test pumps and lines | |
| 17:05 | 153 | 0 | 6 | 20 | H2O | Fresh water preflush | |
| 17:09 | 153 | 0 | 6 | 10 | H2O | Dyed spacer | |
| 17:14 | 280 | 0 | 4.8 | 72 | CMT | Batch up and pump 330 sks of Type III + 1.5% Cacl2 + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 14.5 ppg 1.41 yield 6.82 gps | |
| 17:30 | 0 | 0 | 0 | 0 | N/A | Drop plug | |
| 17:38 | 480 | 0 | 6 | 30 | MUD | Displacement | |
| 17:45 | 357 | 0 | 4.8 | 10 | MUD | Rate change | |
| 17:47 | 306 | 0 | 2.4 | 11 | MUD | Rate change | |

| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | BBL.CMT RETURNS/ REVERSED | TOTAL BBL. PUMPED | PSI LEFT ON CSG | SPOT TOP OUT CEMENT |
|--|------------------------|--|---------------------------------|-------------------------|-----------------------|--|
| <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 757 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 25 | 163 | 0 | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |

Service Supervisor Signature:

[Handwritten Signature]



BJ Services JobMaster Program Version 3.50

Job Number: 1001902560

Customer: Marathon

Well Name: Crow Vally 7-62-28 #4H

