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|---|-------------------------|------------------|
| Customer: Great Western Operating Company | Rig: 12 | Cement Unit: CP7 |
| Company Foreman: Shawn Primosch | Date: 5/21/2020 | |
| Well Name: Windsor #35-2 | Invoice Number: CT02140 | |
| Start time: 12:30 PM | End Time: 6:30 PM | |

Job Log:

Drove to location Signed ISA Spot in equipment and rigged up had safety meeting. RU valve, pressure test lines to 2000 psi.

Status: 2-3/8" 4.7# tubing, EOT: 7,000' inside 4-1/2" 11.6#, Established circulation with 5 bbl. of freshwater lead

Pump 25 sxs of 15.8# 1.52 cu.ft./sack yield Class G cement with 35% Silica Flour BWOC with 24.4 bbl. of freshwater displacement
2 bbl./min. rate, max pressure 600 psi. Cement from 7,000' to 6,564', RD valve, wash out pump, job complete

Service and Equipment Charges

| Description | Unit | Quantity | Price | Net Amount |
|---|-------------|----------|-------|------------|
| Restraints, high pressure iron | per job | 1 | | |
| 4 hour cementer charge | by 4 hours | 1 | | |
| Environmental fee* | per job | 1 | | |
| Pickup mileage | per mile | 100 | | |
| Cement Pump and Pneumatic Bulker mileage | per mile | 100 | | |
| Data Acquisition System | per job | 0 | | |
| Bulk material mixing service charge | cubic foot | 25 | | |
| Additional pneumatic hours (non discounted) | per hour | 2 | | |
| Additional cement pump hours (non discounted) | per hour | 2 | | |
| | | | | |
| Cut and Cap fee | per request | 0 | | |
| Fresh Water Transport | per hour | 7 | | |
| Fresh water | per bbl. | 80 | | |

Service and Equipment Totals

Material & Products

| Description | Unit | Quantity |
|---|-----------|----------|
| Class G neat cement | Per sack | 0 |
| Thermal Cement (Class G with 35% silica flour) | Per sack | 25 |
| Type III Portland Cement | Per sack | 0 |
| Calcium Chloride (CaCl) | Per pound | 0 |
| Sugar | Per pound | 0 |
| SAPP | Per sack | 0 |
| Thixotropic Cement (IWS 13, IWS EXP, CaCl2, Fluid Loss) | Per sack | 0 |

Material & Product Totals



| | | |
|---|-------------------------|------------------|
| Customer: Great Western Operating Company | Rig: 12 | Cement Unit: CP7 |
| Company Foreman: Shawn Primosch | Date: 5/22/2020 | |
| Well Name: Windsor #35-2 | Invoice Number: CT02141 | |
| Start time: 11:00 AM | End Time: 5:00 PM | |

Job Log:
 Drove to location Signed JSA Spot in equipment and rigged up had safety meeting. RU valve, pressure test lines to 2000 psi.
 Status: 2-3/8" 4.7# tubing, EOT: 4,200' inside 4-1/2" 11.6#, Established circulation with 5 bbl. of freshwater lead
 Pump 25 sxs of 15.8# 1.15 cu.ft./sack yield Class G cement, Displaced with 13.9 bbl. of freshwater displacement
 2 bbl./min. rate, max pressure 600 psi. Cement from 4,200' to 3,870', RD valve, wash out pump, stand by for next plug
 Status: 2-3/8" 4.7# tubing, EOT: 3,200', inside 4-1/2" 11.6#, Perfs at 3,300', CICR at 3,200' stung in
 Established injection/circulation with 5 bbl. of freshwater
 Pumped 70 sxs of 13.5# 1.86 cu.ft./sack yield Class G cement with Thixotropic additive pack, displaced with 9.4 bbl. of freshwater
 Injected 60 sxs and balanced 10 sxs on top, Annular coverage: 3,300' - 2,851', Cased coverage: 3,300' - 2,987'
 2 bbl./min rate, max pressure 300 psi, RD valve, wash out pump, shut down for night

| Service and Equipment Charges | | | | |
|---|-------------|----------|-------|------------|
| Description | Unit | Quantity | Price | Net Amount |
| Restraints, high pressure iron | per job | 1 | | |
| 4 hour cementer charge | by 4 hours | 1 | | |
| Environmental fee* | per job | 1 | | |
| Pickup mileage | per mile | 100 | | |
| Cement Pump and Pneumatic Bulker mileage | per mile | 200 | | |
| Data Acquisition System | per job | 0 | | |
| Bulk material mixing service charge | cubic foot | 95 | | |
| Additional pneumatic hours (non discounted) | per hour | 2 | | |
| Additional cement pump hours (non discounted) | per hour | 2 | | |
| Cut and Cap fee | per request | 0 | | |
| Fresh Water Transport | per hour | 9 | | |
| Fresh water | per bbl. | 80 | | |
| Service and Equipment Totals | | | | |

| Material & Products | | |
|---|-----------|----------|
| Description | Unit | Quantity |
| Class G neat cement | Per sack | 25 |
| Thermal Cement (Class G with 35% silica flour) | Per sack | 0 |
| Type III Portland Cement | Per sack | 0 |
| Calcium Chloride (CaCl) | Per pound | 0 |
| Sugar | Per pound | 0 |
| SAPP | Per sack | 0 |
| Thixotropic Cement (IWS 13, IWS EXP, CaCl2, Fluid Loss) | Per sack | 70 |
| Material & Product Totals | | |



| | | |
|---|-------------------------|------------------|
| Customer: Great Western Operating Company | Rig: 12 | Cement Unit: CP7 |
| Company Foreman: Shawn Primosch | Date: 5/23/2020 | |
| Well Name: Windsor #35-2 | Invoice Number: CT02142 | |
| Start time: 10:30 AM | End Time: 2:30 PM | |

Job Log:

Drove to location Signed JSA Spot in equipment and rigged up had safety meeting. RU valve, pressure test lines to 2000 psi.

Status: 2-3/8" 4.7# tubing, EOT: 2,360' inside 4-1/2" 11.6# from 2,360' to 2,310', inside 7-7/8" open hole fro, 2,310 - 506'
 Established circulation with 15 bbl. of freshwater lead

Pump 47.5 sxs of 13.5# 1.86 cu.ft./sack yield Class G cement with Thixotropic additive pack, Displaced with 7 bbl. of freshwater displacement 2 bbl./min. rate, max pressure 600 psi. Cement from 2,360' to 2,064', balanced at 1:30 PM, RD valve, wash out pump, job complete

Service and Equipment Charges

| Description | Unit | Quantity | Price | Net Amount |
|---|-------------|----------|-------|------------|
| Restraints, high pressure iron | per job | 1 | | |
| 4 hour cementer charge | by 4 hours | 1 | | |
| Environmental fee* | per job | 1 | | |
| Pickup mileage | per mile | 100 | | |
| Cement Pump and Pneumatic Bulker mileage | per mile | 200 | | |
| Data Acquisition System | per job | 0 | | |
| Bulk material mixing service charge | cubic foot | 47.5 | | |
| Additional pneumatic hours (non discounted) | per hour | 0 | | |
| Additional cement pump hours (non discounted) | per hour | 0 | | |
| Cut and Cap fee | per request | 0 | | |
| Fresh Water Transport | per hour | 6 | | |
| Fresh water | per bbl. | 80 | | |

Service and Equipment Totals

Material & Products

| Description | Unit | Quantity |
|---|-----------|----------|
| Class G neat cement | Per sack | 0 |
| Thermal Cement (Class G with 35% silica flour) | Per sack | 0 |
| Type III Portland Cement | Per sack | 0 |
| Calcium Chloride (CaCl) | Per pound | 0 |
| Sugar | Per pound | 0 |
| SAPP | Per sack | 0 |
| Thixotropic Cement (IWS 13, IWS EXP, CaCl2, Fluid Loss) | Per sack | 47.5 |

Material & Product Totals



| | | |
|---|-------------------------|------------------|
| Customer: Great Western Operating Company | Rig: 12 | Cement Unit: CP7 |
| Company Foreman: Shawn Primosch | Date: 5/30/2020 | |
| Well Name: Windsor #35-2 | Invoice Number: CT02151 | |
| Start time: 9:00 AM | End Time: 12:00 PM | |

Job Log:

Drove to location Signed JSA Spot in equipment and rigged up had safety meeting. RU valve, pressure test lines to 2000 psi.

Status: 2-3/8" 4.7# tubing, EOT: 2,050' inside 7-7/8" open hole from 2,050' - 503' and inside 8-5/8" 24# surface casing from 503' - 0'
 Established injection/circulation with 5 bbl. of freshwater lead

Pump 40 sxs of 13.5# 1.86 cu.ft./sack yield Class G cement with Thixotropic additive pack, displaced with 6.1 bbl. of freshwater
 2.5 bbl./min rate, max pressure of 300 psi. cement from 2,050' - 1,832', RD valve, wash out pump, RDMO

Service and Equipment Charges

| Description | Unit | Quantity | Price | Net Amount |
|---|-------------|----------|-------|------------|
| Restraints, high pressure iron | per job | 1 | | |
| 4 hour cementer charge | by 4 hours | 1 | | |
| Environmental fee* | per job | 1 | | |
| Pickup mileage | per mile | 100 | | |
| Cement Pump and Pneumatic Bulker mileage | per mile | 100 | | |
| Data Acquisition System | per job | 0 | | |
| Bulk material mixing service charge | cubic foot | 40 | | |
| Additional pneumatic hours (non discounted) | per hour | 0 | | |
| Additional cement pump hours (non discounted) | per hour | 0 | | |
| | | | | |
| Cut and Cap fee | per request | 0 | | |
| Fresh Water Transport | per hour | 3 | | |
| Fresh water | per bbl. | 80 | | |

Service and Equipment Totals

Material & Products

| Description | Unit | Quantity |
|---|-----------|----------|
| Class G neat cement | Per sack | 0 |
| Thermal Cement (Class G with 35% silica flour) | Per sack | 0 |
| Type III Portland Cement | Per sack | 0 |
| Calcium Chloride (CaCl) | Per pound | 0 |
| Sugar | Per pound | 0 |
| SAPP | Per sack | 0 |
| Thixotropic Cement (IWS 13, IWS EXP, CaCl2, Fluid Loss) | Per sack | 40 |

Material & Product Totals



| | | |
|---|-------------------------|------------------|
| Customer: Great Western Operating Company | Rig: 12 | Cement Unit: CP7 |
| Company Foreman: Rob Howard | Date: 6/16/2020 | |
| Well Name: Windsor #35-2 | Invoice Number: CT02171 | |
| Start time: 9:00 AM | End Time: 6:30 PM | |

Job Log:

Drove to location Signed JSA Spot in equipment and rigged up had safety meeting. RU valve, pressure test lines to 2000 psi.

Status: 2-3/8" 4.7# tubing, EOT: 1,200' inside 7-7/8" open hole from 1,200' - 503' and inside 8-5/8" 24# surface casing from 503' - 0' Established circulation with 5 bbl. of freshwater
 Pumped 100 sxs of 13.5# 1.86 cu.ft./sack yield Class G cement with Thixotropic additive pack, displaced with 1.5 bbl. of freshwater 3 bbl./min rate, max pressure of 250 psi. cement from 1,200' - 653', RD valve, wash out pump, stand by for next plug

Status: 2-3/8" 4.7# tubing, EOT: 865' inside 7-7/8" open hole from 865' - 503' and inside 8-5/8" 24# surface casing from 503' - 0' Established circulation with 5 bbl. of freshwater
 Pumped 182 sxs of 13.5# 1.86 cu.ft./sack yield Class G cement with 2% CaCl2 BWOW, with good cement returns at surface 3 bbl./min rate, max pressure of 200 psi. cement from 865' - 0', RD valve, wait for rig to TOH, NDBOP, NDWH

Top off well with 15 sxs of 13.5# 1.86 cu.ft./sack yield Class G cement with 2% CaCl2 BWOW, good cement at surface
 RD valve, wash out pump, P&A complete, RDMO

Service and Equipment Charges

| Description | Unit | Quantity | Price | Net Amount |
|---|-------------|----------|-------|------------|
| Restraints, high pressure iron | per job | 1 | | |
| 4 hour cementer charge | by 4 hours | 1 | | |
| Environmental fee* | per job | 1 | | |
| Pickup mileage | per mile | 100 | | |
| Cement Pump and Pneumatic Bulker mileage | per mile | 100 | | |
| Data Acquisition System | per job | 0 | | |
| Bulk material mixing service charge | cubic foot | 418 | | |
| Additional pneumatic hours (non discounted) | per hour | 2 | | |
| Additional cement pump hours (non discounted) | per hour | 2 | | |
| Cut and Cap fee | per request | 0 | | |
| Fresh Water Transport | per hour | 10 | | |
| Fresh water | per bbl. | 80 | | |

Service and Equipment Totals

Material & Products

| Description | Unit | Quantity |
|---|-----------|----------|
| Class G neat cement | Per sack | 318 |
| Thermal Cement (Class G with 35% silica flour) | Per sack | 0 |
| Type III Portland Cement | Per sack | 0 |
| Calcium Chloride (CaCl) | Per pound | 350 |
| Sugar | Per pound | 0 |
| SAPP | Per sack | 0 |
| Thixotropic Cement (IWS 13, IWS EXP, CaCl2, Fluid Loss) | Per sack | 100 |

Material & Product Totals