



Swabco 14

Customer: Extraction Oil & Gas	Rig: hurricane Cement Unit: CP7
Company Foreman: Nick Augustine Augustine	Date: 9/2/2021
Well Name: MEDSKER 1-28	Invoice Number: CT02524
Start time: 2:00 pm	End Time: 6:00 PM

Job Log:

CP7, Drove to location, signed JSA, spot in equipment, wait on orders to pump, and rigged up, had safety meeting, RU valve, pressure test lines to 1,500 psi.

Status: 2 7/8" 7.9# tubing, 8 5/8" 24# casing . pump with 2 bbl lead , 150 sxs of 15.8# 1.15 cu.ft./sack yield Class G cement with 2% CaCl2 BWOW, 30.7 bbl. of slurry , through packer set @ 31' TOC 31' , 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	150		
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.	100		

Service and Equipment Totals

Material & Products

Description	Unit	Quantity
Class G neat cement	Per sack	150
Thermal Cement (Class G with 35% silica flour)	Per sack	0
Defoamer	Per Gallon	0
Calcium Chloride (CaCl)	Per pound	125
Retarder	Per Gallon	0
SAPP	Per sack	0
Thixotropic Cement (IWS 13, IWS EXP, CaCl2, Fluid Loss)	Per sack	0

Material & Product Totals



Customer: Extraction Oil & Gas	Rig: Swabbco Cement Unit: CP7
Company Foreman: Nick Augstien	Date: 9/3/2021
Well Name: MEDSKER 1-28	Invoice Number: CT02525
Start time: 2:45 pm	End Time: 7:30 PM

Job Log:

CP7, Drove to location, signed JSA, spot in equipment, wait on orders to pump, and rigged up, had safety meeting, RU valve, pressure test lines to 1,500 psi.

Status: 2 7/8" 7.9# tubing, 8 5/8" 24# casing .EOT 176', pump with 10 bbl lead , 120 sks of 15.8# 1.15 cu.ft./sack yield Class G cement with 2% CaCl2 BWOW & LCM, 24.5 bbl. of slurry , RD valve, wash out pump, while washing up across BOP well went on a vacuum, pump 110 sks of 15.8# 1.15 cu.ft./sack yield Class G cement with 2% CaCl2 BWOW & LCM, 22.5 bbl. of slurry , back to surface, RD valve, wash out pump

Service and Equipment Charges

Description	Unit	Quantity	Price	Net Amount
Restraints, high pressure iron	per job	1	\$ 400.00	\$ 400.00
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	230		
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.	100		

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
Defoamer	Per Gallon	0
Calcium Chloride (CaCl)	Per pound	0
Retarder	Per Gallon	0
SAPP	Per sack	0
LCM Cement (IWS 13, IWS EXP, CaCl2, Fluid Loss)	Per sack	230

Material & Product Totals

1500 arrive at location
 1515 drop 6 bags of sand at rig
 1600 rig up cmt unit
 1615 safety meeting
 1645 pump 80 sks cmt
 1710 cmt to surface /shutdown
 1715 POOH
 1720 squeeze 20 sks cmt
 1730 wash and pump lines
 1745 while washing up well went on a vacuum
 1800 discussed with company man
 1815 RIH w/ 91' tubing
 1820 mixed and pumped 110 sks cmt back to surface
 1845 shutdown
 1855 POOH & shut in Well
 1900 Wash & pump lines
 1930 rig down



Customer: Extraction Oil & Gas	Rig: Swabbco Cement Unit: CP7
Company Foreman: Nick Augistien	Date: 9/7/2021
Well Name: MEDSKER 1-28	Invoice Number: CT02526
Start time: 2:45 pm	End Time: 5:30 PM

Job Log:

CP7, Drove to location, signed JSA, spot in equipment, wait on orders to pump, and rigged up, had safety meeting, RU valve, pressure test lines to 1,500 psi.

Status: 2 7/8" 7.9# tubing, 8 5/8" 24# casing .EOT 166', pump with 5 bbl H2O lead , 100 sks of 15.8# 1.15 cu.ft./sack yield Class G cement with 3% CaCl2 BWOW & LCM, 20.4 bbl. of slurry , POOH, Squeeze with 10 bbl cmt (50sksof 15.8# 1.15 cu.ft./sack yield Class G cement with 3% CaCl2 BWOW & LCM) RD valve, wash out pump, squeeze 2bbl with H2O.

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	140		
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.	100		

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
Defoamer	Per Gallon	0
Calcium Chloride (CaCl)	Per pound	0
Retarder	Per Gallon	0
SAPP	Per sack	0
LCM Cement (IWS 13, IWS EXP, CaCl2, Fluid Loss)	Per sack	140

Material & Product Totals

1400 arrive at location
 1430 rig up cmt unit
 1500 rig up cmt unit
 1510 pump 5bbl H2O
 1520 pump 100 sks cmt @ 50psi
 1535 cmt to surface /shutdown
 1540 POOH
 1550 squeeze 50 sks cmt @ 70 psi
 1602 wash and pump lines
 1630 squeeze 2 bbl w/h2o @ 70 psi



Customer: Extraction Oil & Gas	Rig: Swabbco Cement Unit: CP7
Company Foreman: Nick Augistien	Date: 9/18/2021
Well Name: MEDSKER 1-28	Invoice Number: CT02530
Start time: 8:30am	End Time: 12:30pm

Job Log:

CP7, Drove to location, signed JSA, spot in equipment, wait on orders to pump, and rigged up, had safety meeting, RU valve, pressure test lines to 1,500 psi.

Status: 2 7/8" 7.9# tubing, 8 5/8" 24# casing . 300sx Class G cement with 1% CaCl₂ BWOW 15.8# , yield 1.15 , slurry vol 61.4 , 50bbl h₂O lead , rate 2bbl per min , max pressure 250 psi , EOT 3133, TOC 2167, displaced 10.5 bbl h₂O , used 1 gallon defoamer , wash out pump , rig down , crew travel .

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	300		
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.	130		

Service and Equipment Totals

Material & Products

Description	Unit	Quantity
Class G neat cement	Per sack	300
Thermal Cement (Class G with 35% silica flour)	Per sack	0
Defoamer	Per Gallon	0
Calcium Chloride (CaCl)	Per pound	125
Retarder	Per Gallon	1
SAPP	Per sack	0
LCM Cement (IWS 13, IWS EXP, CaCl ₂ , Fluid Loss)	Per sack	0

Material & Product Totals



Customer: Extraction Oil & Gas	Rig: Cement Unit: CP10
Company man: Nick Augstien	Date: 9/19/2021
Medsker 1-28	Invoice Number: CT03085
8:55	End Time:

Job Log:

Called out, on location, pre-job safety meeting, RU pump and lines, 2187' eot, break circulation, mix and pump 64 sks (13 bbl of Class G CMT w/ 2% CaCl₂, 1.15 yield, 5 gal/sk), displace w/ 10 bbl of fresh water, estimated TOC-2000', pooh, wait 4 hrs tag cement top, tag TOC @ 1987', LD to 1278', break circ w/ rig, pump 4 bbl of fresh water ahead, 37 bbl of Class G w/ 2% CaCl₂ (180sks 1.15 yield, 5 gal/sk), displace 3.3 bbl of fresh water, est TOC 686'

ACCT CODE

AFE

APPROVAL

DATE

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	245		
Additional pneumatic hours (non discounted)	per hour	3		
Additional cement pump hours (non discounted)	per hour	3		
Cut and Cap fee	per request	0		
Fresh Water Transport	per hour	7		
Fresh water	per bbl.	130		

Service and Equipment Totals

Material & Products

Description	Unit	Quantity
Class G neat cement	Per sack	245
Thermal Cement (Class G with 35% silica flour)	Per sack	0
Defoamer	Per Gallon	0
Class G with 2% CaCl ₂	Per sack	0
Retarder	Per Gallon	0
CaCl ₂	per lbs	200
Suger	Per pound	50

4.5 csg cut at 450', eot 550', pump cmt to surface, top off surface



Customer: Extraction Oil & Gas	Rig: Cement Unit: CP10
Company man: Nick Augustien	Date: 9/20/2021
Medsker 1-28	Invoice Number: CT03087
8:20	End Time: 4:40 PM

Job Log:

Called out, on location, pre-job safety meeting, RU pump and lines, 758' eot, break circulation, mix and pump 300 sks (61.4 bbl of Class G CMT w/ 1% CaCl₂, 1.15 yield, 5 gal/sk), wait 4 hr, tag cmt 350 TOC break circ w/ rig, pump 4 bbl of fresh water ahead, 26 bbl of Class G w/ 1% CaCl₂ (137sks 1.15 yield, 5 gal/sk), cmt to surface LD tbg, top off surface w/ 1 bbl cmt (5 sks of class G) w/ 1% CaCl₂

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	442		
Additional pneumatic hours (non discounted)	per hour	3		
Additional cement pump hours (non discounted)	per hour	3		
Cut and Cap fee	per request	0		
Fresh Water Transport	per hour	7		
Fresh water	per bbl.	70		

Service and Equipment Totals

Material & Products

Description	Unit	Quantity
Class G neat cement	Per sack	442
Thermal Cement (Class G with 35% silica flour)	Per sack	0
Defoamer	Per Gallon	0
Class G with 2% CaCl ₂	Per sack	0
Retarder	Per Gallon	0
CaCl ₂	per lbs	275
Suger	Per pound	50

WELL NAME MEDSKER 1-28

ACCT CODE 940.05

AFE 2100 057

APPROVAL NICK AUGUSTINE

DATE 9/22/21

ROUTING: 2200