

FIELD TICKET

Client MERIT ENERGY COMPANY

Well Cox Farms 3-8

Job Description Plug & Abandon

Print Date September 21, 2018



Field Ticket # FT-11295-L3T5P70202-04448

Field Ticket # FT-11295-L3T5P70202-04448

Credit Approval #

Client MERIT ENERGY COMPANY

Purchase Approval #

PO BOX 1293, LIBERAL, 67905-1293

Invoice #

Field Rep Victor Corona-Marta

Well Cox Farms 3-8

Field Client Rep Rodney Gonzales

Well API # 15-081-22181

District Liberal, KS

County Haskell

Job Type Plug & Abandon

State/Province KS

Job Depth (ft) 0.00

Field

Gas Used On Job No

Lease

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MATERIALS

Product Code	Description	UOM	Quantity	List Price	Gross Amount	Disc (%)	Net Amount
L488168	CEMENT, ASTM TYPE I	SK	126.0000	\$44.11	\$5,557.86	45.00	\$3,056.82
L100317	CEMENT, FLY ASH (POZZOLAN)	SK	84.0000	\$25.68	\$2,157.12	45.00	\$1,186.42
L100120	EXTENDER, BENTONITE	LB	723.0000	\$2.08	\$1,503.84	45.00	\$827.11
L100295	IntegraSeal CELLO	LB	104.0000	\$5.76	\$599.04	45.00	\$329.47
Product Material Subtotal:					\$9,817.86		\$5,399.82

SERVICES

Product Code	Description	UOM	Quantity	List Price	Gross Amount	Disc (%)	Net Amount
S-100049	Cement pump charge, 1,001-2,000 feet/ 301-600 m	4/HR	1.00	\$4,680.00	\$4,680.000	90.00	\$468.000
S-100001	Mileage - vehicle heavy weight	MI	50.00	\$18.96	\$948.000	90.00	\$94.800
S-100002	Mileage - vehicle light weight	MI	50.00	\$10.72	\$536.000	90.00	\$53.600
S-100004	Cement Crew Mobilization-Demobilization Fee	EA	1.00	\$10,880.00	\$10,880.000	90.00	\$1,088.000
Service Subtotal:					17,044.00		\$1704.40

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FIELD ESTIMATES

TOTAL GROSS AMOUNT \$26,861.860

TOTAL % DISC 76.151%

TOTAL NET AMOUNT 7,104.22

Arrive Location

Client Rep.

Well	Cox Farms 3-8
AFE	62134
GL	83001075
Office	Sublette
Date	9-21-18

Service Order

I authorize work to begin per service instructions in accordance with the terms and conditions printed on the following pages of this form and represent that I have authority to accept and sign this order.

Service receipt

I certify that the materials and services listed were received and all services performed in a workmanlike manner.

BJ REPRESENTATIVE

Victor Corona-Marta

CLIENT AUTHORIZED AGENT

Rodney Gonzales

Operator Name MERIT ENERGY COMPANY

Well Cox Farms 3 8

Date 21 September, 2018



Plan # ORD-11295 L3T5P7

MERIT ENERGY COMPANY

Cox Farms 3-8
Plug & Abandon

15-081-22181

Haskell, KS
September 21, 2018

Cementing Plan

Prepared For

Client Contact
Title
Company MERIT ENERGY COMPANY
Bus Phone
Email
Mobile

Prepared by

Quote Writer Kevin Aldridge
Title Sales Engineer
Bus Phone +1 (405) 5612803 x6310
Email Kevin.Aldridge@bjsservices.com
Mobile 405-423-6862

Service Point

District Liberal, KS

Service Representatives

Account Rep Kevin Aldridge
Title Sales Engineer
Bus Phone +1 (405) 5612803 x6310
Email Kevin.Aldridge@bjsservices.com
Mobile 405-423-6862

Cementing Treatment



Start Date	9/21/2018	Field Ticket#	FT-11295-L3T5P70202-04448
End Date	9/21/2018	Well	Cox Farms 3-8
Client	MERIT ENERGY COMPANY	API#	15-081-22181
Client Field Rep.	Rodney Gonzales	Well Classification	
Service Sup.	Victor Corona-Marta	County	Haskell
District	Liberal, KS	State/Province	KS
Type of Job	Plug & Abandon	Formation	
Execution ID	EXC-11295-L3T5P702	Rig	
Project ID	PRJ1010994		

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Grade	Thread
Open Hole	7.88			3,000.00	3,000.00			
Tubing	2.00	2.88	11.65	3,000.00	3,000.00			

Shoe Length (ft):

HARDWARE

Bottom Plug Used?	No	Tool Type	
Bottom Plug Provided By		Tool Depth (ft)	
Bottom Plug Size		Max Tubing Pressure - Rated (psi)	
Top Plug Used?	No	Max Tubing Pressure - Operated (psi)	
Top Plug Provided By		Max Casing Pressure - Rated (psi)	
Top Plug Size		Max Casing Pressure - Operated (psi)	
Centralizers Used	No	Pipe Movement	
Centralizers Quantity		Job Pumped Through	
Centralizers Type		Top Connection Thread	
Landing Collar Depth (ft)	3,000	Top Connection Size	

CIRCULATION PRIOR TO JOB

Well Circulated By	Solids Present at End of Circulation	No
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Cementing Treatment



Circulation Prior to Job No **10 sec SGS**
Circulation Time (min) **10 min SGS**
Circulation Rate (bpm) **30 min SGS**
Circulation Volume (bbls) **Flare Prior to/during the Cement Job** No
Lost Circulation Prior to Cement Job No **Gas Present** No
Mud Density In (ppg) **Gas Units**
Mud Density Out (ppg)
PV Mud In
PV Mud Out
YP Mud In
YP Mud Out

TEMPERATURE

Ambient Temperature (°F) **Slurry Cement Temperature (°F)**
Mix Water Temperature (°F) **Flow Line Temperature (°F)**

BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Planned Top of Fluid (Ft)	Length (Ft)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Lead Slurry	Plug 1	13.8000	1.4277	6.88		0.00	50	72.0000	12.8000
Lead Slurry	Plug 2	13.8000	1.4277	6.88		0.00	50	72.0000	12.8000
Lead Slurry	Plug 3	13.8000	1.4277	6.88		0.00	40	58.0000	10.3000
Lead Slurry	Plug 4	13.8000	1.4272	6.89		0.00	20	29.0000	5.2000
Lead Slurry	Mouse/Rat Hole Plug	13.8000	1.4277	6.88		0.00	50	72.0000	12.8000

Fluid Type	Fluid Name	Component	Concentration	UOM
Lead Slurry	Plug 1	CEMENT, ASTM TYPE I	60.0000	PCT
Lead Slurry	Plug 1	EXTENDER, BENTONITE	4.0000	BWOB
Lead Slurry	Plug 1	CEMENT, FLY ASH (POZZOLAN)	40.0000	PCT

Cementing Treatment



Lead Slurry	Plug 1	IntegraSeal CELLO	0.5000 LBS/SK
Lead Slurry	Plug 2	CEMENT, ASTM TYPE I	60.0000 PCT
Lead Slurry	Plug 2	EXTENDER, BENTONITE	4.0000 BWOB
Lead Slurry	Plug 2	IntegraSeal CELLO	0.5000 LBS/SK
Lead Slurry	Plug 2	CEMENT, FLY ASH (POZZOLAN)	40.0000 PCT
Lead Slurry	Plug 3	EXTENDER, BENTONITE	4.0000 BWOB
Lead Slurry	Plug 3	IntegraSeal CELLO	0.5000 LBS/SK
Lead Slurry	Plug 3	CEMENT, ASTM TYPE I	60.0000 PCT
Lead Slurry	Plug 3	CEMENT, FLY ASH (POZZOLAN)	40.0000 PCT
Lead Slurry	Plug 4	EXTENDER, BENTONITE	4.0000 BWOB
Lead Slurry	Plug 4	CEMENT, ASTM TYPE I	60.0000 PCT
Lead Slurry	Plug 4	CEMENT, FLY ASH (POZZOLAN)	40.0000 PCT
Lead Slurry	Plug 4	IntegraSeal CELLO	0.5000 BWOB
Lead Slurry	Mouse/Rat Hole Plug	IntegraSeal CELLO	0.5000 LBS/SK
Lead Slurry	Mouse/Rat Hole Plug	CEMENT, ASTM TYPE I	60.0000 PCT
Lead Slurry	Mouse/Rat Hole Plug	CEMENT, FLY ASH (POZZOLAN)	40.0000 PCT
Lead Slurry	Mouse/Rat Hole Plug	EXTENDER, BENTONITE	4.0000 BWOB

TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol. (bbls)	Pipe Pressure (psi)	Annulus Pressure (psi)	Comments
	Plug 1	0.00	12.80			
	Plug 2	0.00	12.80			
	Plug 3	0.00	10.30			
	Plug 4	0.00	5.20			
	Mouse/Rat Hole Plug	0.00	12.80			
			Min	Max		Avg

Pressure (psi)

Rate (bpm)

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By

Amount of Cement
Returned/Reversed

Calculated Displacement Volume

Method Used to Verify Returns

Cementing Treatment



(bbls)

Actual Displacement Volume (bbls)		Amount of Spacer to Surface	
Did Float Hold?	Yes	Pressure Left on Casing (psi)	
Bump Plug	No	Amount Bled Back After Job	
Bump Plug Pressure (psi)		Total Volume Pumped (bbls)	
Were Returns Planned at Surface	No	Top Out Cement Spotted	No
Cement returns During Job		Lost Circulation During Cement Job	No

CEMENT PLUG

Bottom of Cement Plug?	No	Wiper Balls Used?	No
Wiper Ball Quantity		Plug Catcher	No
Number of Plugs			

SQUEEZE

Injection Rate (bpm)		Fluid Density (ppg)	
Injection Pressure (psi)		ISIP (psi)	
Type of Squeeze		FSIP (psi)	
Operators Max SQ Pressure (psi)			

COMMENTS

Treatment Report

Job Summary

