

TAX ID 81-1373543

Field Ticket Number: Lib1704071350 Field Ticket Date: Friday, April 07, 2017

Bill To:
MERIT ENERGY COMPANY
Liberal, KS 67901
P O Box 1293 / 1900 W 2nd St

Job Name: 01 Surface
Well Location: Grant County, KS
Well Name: LongBow
Well Number: 5-10
Well Type: New Well
Rig Number: Duke Drilling # 9
Shipping Point: Liberal, KS
Sales Office: Mid Con

PERSONEL		EQUIPMENT	
James Peppin	Carlos Ibarra	955-4-554-5	774-4/1066-5
Ramon Escarcega	Victor Garcia	903-4/501-5	

SERVICES - SERVICES - SERVICES

Description	QTY	UOM	Unit Amt	Gross Amt	Unit Net	Discount	Net Amount
PUMP, CASING CEMENT 1001-2000 FT	1.00	min. 4 hr	2,213.75	2213.75	774.81	65.0%	774.81
CMLP	1.00	per day	275.00	275.00	96.25	65.0%	96.25
PHDL	635.00	per cu. Ft.	2.48	1574.80	0.87	65.0%	551.18
DRYG	1375.00	ton-mile	2.75	3781.25	0.96	65.0%	1,323.44
MILV	50.00	per mile	4.40	220.00	1.54	65.0%	77.00
MIHV	50.00	per mile	7.70	385.00	2.70	65.0%	134.75

FLOAT EQUIPMENT -- FLOAT EQUIPMENT -- FLOAT EQUIPMENT

GS-8.625	1.00	each	460.00	460.00	207.00	55.0%	207.00
SSFC-8.625	1.00	each	1,214.00	1,214.00	546.30	55.0%	546.30
CEN-8.625	15.00	each	75.00	1,125.00	33.75	55.0%	506.25
TRP - 8.625	1.00	each	131.00	131.00	58.95	55.0%	58.95
TLK - 8.625	6.00	each	85.00	510.00	38.25	55.0%	229.50

MATERIALS - MATERIALS - MATERIALS

--	10.00	bbl	0.00	0.00	0.00	65.0%	0.00
CB-AMDAL	355.00	sack	26.57	9,432.35	9.30	65.0%	3,301.32
CA-100	1002.00	pound	1.10	1,102.20	0.39	65.0%	385.77
CLC-CPF	178.00	pound	2.97	528.66	1.04	65.0%	185.03
CCAC	175.00	sack	17.90	3,132.50	6.27	65.0%	1,096.38
CA-100	329.00	pound	1.10	361.90	0.39	65.0%	126.67
CLC-CPF	88.00	pound	2.97	261.36	1.04	65.0%	91.48

ADDITIONAL ITEMS - ADDITIONAL ITEMS - ADDITIONAL ITEMS

Additional hours, in excess of set hours		per hour	440.00	0.00	154.00	65.0%	0.00
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	Gross	Discount	Final
Services Total	8,449.80	5,492.37	2,957.43
Equipment Total	3,440.00	1,892.00	1,548.00
Materials Total	14,818.97	9,632.33	5,186.64
Additional Items	0.00	0.00	0.00
Final Total	26,708.77	17,016.70	9,692.07

Customer Agent: James Peppin
Rondey Gonzales

This output does NOT include taxes. Applicable sales tax will be billed on the final invoice.
Customer hereby acknowledges receipt of the materials and services described above and on the attached documents.
I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the following page.

X 

Field Ticket Total (USD):

\$9,692.07

Well Langbow 5-10
AFE ~~150~~ 54159
83001075
Office Wlysses
Date 4-7-17



Cement Job Summary

Job Number: Lib1704071350	Job Purpose: 01 Surface
Customer: MERIT ENERGY COMPANY	Date: 4/7/2017
Well Name: LongBow	Number: 5-10
County: Grant County	City: Ulysses
Cust. Rep: Rodney Gonzales	Phone: Rig Phone:
Legal Desc:	Rig Name: Duke Drilling#9
Distance: 50 miles (one way)	Supervisor: James Peppin

Employees:	Emp. ID:	Employees:	Emp. ID:
James Peppin		Carlos Ibarra	
Ramon Escarcega		Victor Garcia	
Equipment:			
955-4-554-5		774-4/1066-5	
903-4/501-5			

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	12 1/4	110%	1230	1,465	TAIL CEMENT	
OPEN HOLE	12 1/4	110%	0	1,230	LEAD CEMENT	
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
TOTAL CASING	8 5/8	24	8.097	J-55	0	1,455
SHOE	8 5/8	24	8.097	J-55	1,413	1,455

Materials - Pumping Schedule						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	Fresh Water	10	8.33	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Lead 1	ALLIED MULTI-DENSITY CEMENT - CLASS A	355	12.10	2.55	14.86	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	1001.1	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	177.5	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	CLASS A COMMON	175	15.20	1.27	5.74	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	1.88	% BWOC	329.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	87.5	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Displacement	89.98486998	8.33	n/a	n/a	

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Cust. Rep: Rodney Gonzales	Phone: Rig Phone: 0				
Distance: 50 miles (one way)	Supervisor: James Peppin				
TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
AM/PM	CASING	ANNULUS	VOLUME	RATE (BPM)	
8:00					



Cement Job Summary

9:00					arrive on loc
					spot trucks and rig up
12:00					safty meeting with rig crew
12:20	3000				test lines
12:28	100		10	4.5	pump h2o spacer
12:33	120		161	4.5	lead cmt slurry @ 12.1 wt
13:10	140		39	5	tail cmt slurry @ 15.2 wt
13:25					shut down and drop plug
13:28	170		80	6	disp with h2o
13:47	270		10	3	slow rate down to bump plug
13:50	700				bump plug and check float and it held
					bleed back 1/2 bbl
					circ 90 bbls = 198 sks to suf.
					shut down and rig down and the crew
					and I thank the customer for the job