



1362301



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	LONGBOW 5-10
Doc ID	1362301

All Electric Logs Run

ANNULAR HOLE VOLUME LOG 5 CASING
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
ARRAY COMPENSATED TRUE RESISTIVITY LOG 5
BOREHOLE COMPENSATED SONIC LOG
MICROLOG
QUAD COMBO LOG ARRAY RESISTIVITY SPECTRAL DENSITY DUAL SPACED NEUTRON BOREHOLE SONIC
REPEAT SECTION RESISTIVITY/POROSITY, SONIC/MICROLOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	LONGBOW 5-10
Doc ID	1362301

Tops

Name	Top	Datum
TORONTO	3858	
Lansing	3926	
Swope	4398	
Marmaton	4541	
Cherokee	4748	
Atoka	4986	
Morrow	5226	
Mississippian	550	
St Genevieve	5630	
St Louis	5652	



TAX ID 81-1373543

Field Ticket Number: Lib1704071350	Field Ticket Date: Friday, April 07, 2017
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**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
<b>Final Total</b>	<b>26,708.77</b>	<b>17,016.70</b>	<b>9,692.07</b>

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:
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	
<b>Equipment:</b>			
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	

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





### 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 h20 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 h20
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



## Cement Job Summary

Job Number: Lib1704111033/0	Job Purpose: 02 Production/Long String	Date: 4/11/2017
Customer: MERIT ENERGY COMPANY	Well Name: LongBow	Number: 5-10
County: Grant County	City: Ulysses, Kansas	API/UWI: KS
Cust. Rep:	Phone:	Rig Phone:
Legal Desc: SEC-10-29S-38W	Rig Name: Duke Drilling#9	Distance: 50 miles (one way)
Supervisor: Aldo Espinoza		

Employees:	Emp. ID:	Employees:	Emp. ID:
Saul Loya		Cristian Camacho	
Aldo Espinoza		Ramon Escarcega	
<b>Equipment:</b>			
994-4/467-5		1071-4-545-5	
984-2			

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	7 7/8	30%	4982	5,880		
OPEN HOLE	7 7/8			4,982		
OPEN HOLE	7 7/8					
OPEN HOLE	7 7/8					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	8 5/8	24	8.097	J-55	0	1,480
TOTAL CASING	5 1/2	17	4.892	J55	0	5,880
STAGE TOOL	5 1/2	17	4.892	J55		4,982
SHOE	5 1/2	17	4.892	J55	5,831	5,880

Materials - Pumping Schedule						
STAGE #1						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	HIVIS SWEEP	20	8.40	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	ALLIED 50/50 POZ BLEND - CLASS H	130	13.60	1.63	7.46	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.42	% BWOC	54.6	lbm	
CLC-KOL	KOL-SEAL	5	lb/sk	650.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	32.5	lbm	
CA-500	GYP SUM	4.2	% BWOC	546.0	lbm	
CA-200	SODIUM CHLORIDE	6.21418	% BWOW	807.8	lbm	
CGEL	GEL - BENTONITE	1.68	% BWOC	218.4	lbm	
CD-100	CEMENT DISPERSANT	0.168	% BWOC	21.8	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 3	Displacement	135.5485859	0.00	n/a	n/a	
STAGE #2						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Stg 2 Spacer 1	HIVIS SWEEP	12	8.40	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Stg 2 Tail 1	ALLIED SPECIAL BLEND CEMENT - CLASS A	245	13.60	1.92	9.56	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	



### Cement Job Summary

CFL-210	FLUID LOSS ADDITIVE - LOW TEMP	0.47	% BWOC	115.2	lbm
CLC-KOL	KOL-SEAL	5	lb/sk	1225.0	lbm
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	61.3	lbm
<b>Fluid Name</b>	<b>Description</b>	<b>Rqstd Qty</b>	<b>Density</b>	<b>Yield</b>	<b>Water (gal/sk)</b>
Stg 2 Disp. 1	Displacement	115.812563	0.00	n/a	n/a

Job Number: Lib1704111033/	Job Purpose	02 Production/Long String		
Customer: MERIT ENERGY COMPANY	Date:	4/11/2017		
Well Name: LongBow	Number: 5-10	API/UWI:		
County: Grant County	City: Ulysses, Kansas	State: KS		
Cust. Rep:	Phone:	Rig Phone:	0	
Distance	50 miles (one way)	Supervisor	Aldo Espinoza	

TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	CASING	ANNULUS	VOLUME	RATE (BPM)	
4/10/2017					DATE
800pm					on location
830pm					rig up
845pm					casing on bottom
850pm					rig head, brake circulation
					rig down casing crew
900pm					safety meeting
915pm	2500			1	pressure test lines
920pm	320		20	4	20 bbl havis sweep
937pm	200		38	4	130sk/38 bbl slurry
950pm				3	wash pimping lines to pit
952pm					drop plug
956pm	80			3	start displacing
1007pm	120		20	5	20 bbl gone swap to mud
1011pm	120		20	5	40 bbl gone
1015pm	120		20	5	60 bbl gone
1020pm	130		20	5	80 bbl gone
1024pm	320		20	5	100 bbl gone
1026pm	290		10	3	110 bbl slow down to 3 bpm to go thru dv tool
1031pm	500		15	2.5	125 bbl gone slow down to 2.5 to land plug
1033pm	590-1000		10	2.5	135 bbl bump plug
1035pm	0				check floats
1036pm					drop tool opener
1055pm	1200				pressure up, tool isnt there yet
1107pm	820			3	open tool, brake circulation
1120pm					swap to rig pump
4/11/2017					SECOND STAGE
240am	200		12	4	12 bbl havis sweep
247am	60		17	3	cement rat & mouse holes w/50sk-17 bbl
255am	110		67	4	195sk/67 bbl slurry
330am				3	wash pimping lines to pit
335am	50			3	statr displacement
340am	70		20	5	20 bbl gone
344am	70		20	5	40 bbl gone
347am	200		20	5	60 bbl gone
352am	600		20	5	80 bbl gone
358am	1000		20	2.5	100 bbl slow down to 2.5 bpm to land plug
410am	1200-2700		15	2.5	115 bbl bump tool closing plug (top plug)
415am	0				check floats



*Cement Job Summary*

					floats holding
430am					rig down
520am					leave location
					good circulation during entire job
					8 5/8 F.E. for next job on location
					13 3/8 circulating swedge on location
					thanks



Customer: MERIT ENERGY COMPANY  
Date: Monday, April 10, 2017  
Well Name: LongBow # 5-10  
Well Location: Ulysses, Kansas  
Supervisor: Aldo Espinoza

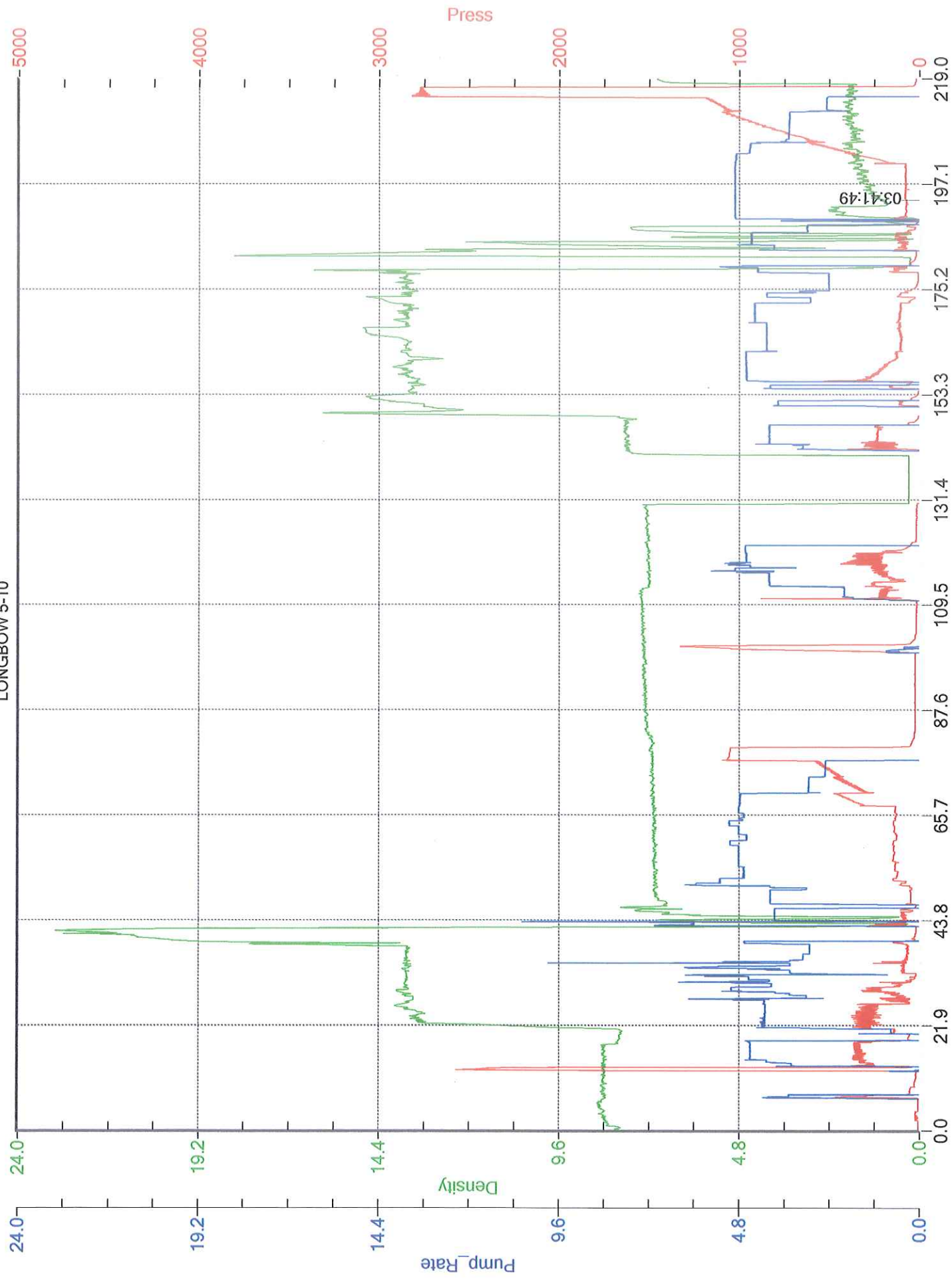
Equipment Operators: Saul Loya - Cristian Camacho - Aldo Espinoza - Ramon Escarcega

Performance	Customer	
Was the appearance of the personnel and equipment satisfactory?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Was the job performed in a professional manner?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Were the calculations prepared and explained properly?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Were the correct services dispatched to the job site?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Were the services performed as requested?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Did the job site environment remain unchanged?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Did the equipment perform in the manner expected?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Did the materials meet your expectations?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Was the crew prepared for the job?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Was the crew prompt in the rig-up and actual job?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Were reasonable recommendations given, as requested?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Did the crew perform safely?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Was the job performed to your satisfaction?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Customer Signature: *Rodriguez Lopez* Date: 4-11-17

Additional Comments:  
Good Job!

# MERIT ENERGY LONGBOW 5-10





CEMENT MIXING WATER GUIDELINES

Company Name:

MERIT ENERGY COMPANY

Lease Name:

LongBow # 5-10

County

Grant County

State

KS

Water Source:

TANK

Submitted By:

Aldo Espinoza

Date:

4/10/2017

pH Level

7

Must be less than 8.5

Sulfates

400

Must be less than 1,000 PPM

Chlorides

0

Must be less than 3,000 PPM

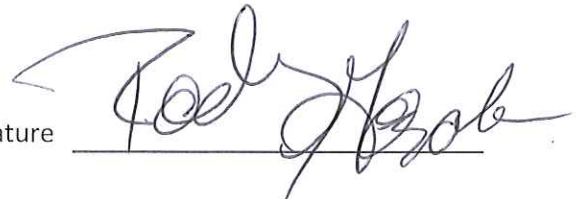
Temperature

64

COMMENTS

Thank You

Customer Signature



Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Pat Apple, Chairman  
Shari Feist Albrecht, Commissioner  
Jay Scott Emler, Commissioner

Sam Brownback, Governor

August 04, 2017

Idania Medina  
Merit Energy Company, LLC  
13727 NOEL ROAD, SUITE 1200  
DALLAS, TX 75240

Re: ACO-1  
API 15-067-21835-00-00  
LONGBOW 5-10  
NE/4 Sec.10-29S-38W  
Grant County, Kansas

Dear Idania Medina:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 4/5/2017 and the ACO-1 was received on August 04, 2017 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department