CORRECTION #1 [redacted]

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1268393

Form ACO-1
November 2016
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32446
Name: Merit Energy Company, LLC
Address 1: 13727 NOEL RD STE 1200
Address 2:
City: DALLAS State: TX Zip: 75240 + ____
Contact Person: IDANIA MEDINA
Phone: (620) 629-4228
CONTRACTOR: License # 35070
Name: Saxon Drilling, LP
Wellsite Geologist: Merit Energy Geologist
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

6/17/2015 Spud Date or Recompletion Date
6/21/2015 Date Reached TD
8/4/2015 Completion Date or Recompletion Date

API No.: 15-055-22416-01-00
Spot Description:
__ - SW - SW - SW Sec. 22 Twp. 24 S. R. 33 ☐ East ☑ West
173 Feet from ☐ North / ☑ South Line of Section
480 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Finney
Lease Name: PRAIRIE VIEW Well #: 1-22
Field Name: Cowgill
Producing Formation: Pawnee & Morrow
Elevation: Ground: 2902 Kelly Bushing: 2916
Total Vertical Depth: 5220 Plug Back Total Depth: 4950
Amount of Surface Pipe Set and Cemented at: 1644 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 2000 ppm Fluid volume: 548 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☑ **Confidentiality Requested**
Date: 10/15/2015
☑ **Confidential Release Date:** 10/14/2017
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 10/23/2015

CORRECTION #1
Page Two

[redacted]

1268393

Operator Name: Merit Energy Company, LLC Lease Name: PRAIRIE VIEW Well #: 1-22

Sec. 22 Twp. 24 S. R. 33 ☐ East ☑ West County: Finney

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geolgist Report / Mud Logs ☐ Yes ☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	24	1644	CLASS H	530	SEE ATTACHED
Production	7.875	5.5	17	5200	50/50 POZ H	255	SEE ATTACHED

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection: 8/12/2015

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	66				

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☑ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

	Top	Bottom
PAWNEE		
MORROW		

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: 2.8750 Set At: 4910 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	PRAIRIE VIEW 1-22
Doc ID	1268393

All Electric Logs Run

ANNULAR HOLE VOLUME PLOT
ANNULAR HOLE VOLUME-TVD
ARRAY COMPENSATED SONIC ARRAY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 INCH
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 INCH-TVD
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2 INCH
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2 INCH-TVD
BOREHOLE COMPENSATED SONIC ARRAY LOG
BOREHOLE COMPENSATED SONIC ARRAY LOG-TVD
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
CEMENT BOND LOG
MICROLOG
MICROLOG-TVD
QUAD COMBO LOG
REPEAT SECTION

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	PRAIRIE VIEW 1-22
Doc ID	1268393

Tops

Name	Top	Datum
HEEBNER	3906	
TORONTO	3924	
LANSING GROUP	4007	
KANSAS CITY	4334	
MARMATON	4508	
PAWNEE	4591	
CHEROKEE	4646	
ATOKA	4771	
MORROW	4866	
ST GENEVIEVE	4997	

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	PRAIRIE VIEW 1-22
Doc ID	1268393

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1644	CLASS H	530	SEE ATTACHED
Production	7.875	5.5	17	5200	50/50 POZ H	255	SEE ATTACHED

Summary of Changes

Lease Name and Number: PRAIRIE VIEW 1-22

API/Permit #: 15-055-22416-01-00

Doc ID: 1268393

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	10/20/2015	10/23/2015
CasingTypeOfCementPDF_2	50/50 POZ/H	50/50 POZ H
Method Of Completion - Commingled	No	Yes
Perf_Material_3	FRAC-494 BBLS, 614,22 LBS TOTAL 20/40, 968,000 SCF	Frac-494 bbls, 614,22 lbs total 20/40, 968,000 SCF Total N2
Perf_Record_3	4878-4898 Upper Morrow	4878-4898 U.Morrow
Perf_Record_5	4590-4595 PAWNEE	4590-4595 Pawnee
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1266029	../../kcc/detail/operatorEditDetail.cfm?docID=1268393
Subdivision4Smallest	SE	

Confidentiality Requested:
☑ Yes ☐ No

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1266029

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32446
Name: Merit Energy Company, LLC
Address 1: 13727 NOEL RD STE 1200
Address 2:
City: DALLAS State: TX Zip: 75240 + ____
Contact Person: IDANIA MEDINA
Phone: (620) 629-4228
CONTRACTOR: License # 35070
Name: Saxon Drilling, LP
Wellsite Geologist: Merit Energy Geologist
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

6/17/2015	6/21/2015	8/4/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22416-01-00
Spot Description:
SE - SW - SW - SW Sec. 22 Twp. 24 S. R. 33 ☐ East ☑ West
173 Feet from ☐ North / ☑ South Line of Section
480 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Finney
Lease Name: PRAIRIE VIEW Well #: 1-22
Field Name: Cowgill
Producing Formation: Pawnee & Morrow
Elevation: Ground: 2902 Kelly Bushing: 2916
Total Vertical Depth: 5220 Plug Back Total Depth: 4950
Amount of Surface Pipe Set and Cemented at: 1644 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 2000 ppm Fluid volume: 548 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☑ **Confidentiality Requested**
Date: 10/15/2015
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 10/20/2015

Operator Name: Merit Energy Company, LLC Lease Name: PRAIRIE VIEW Well #: 1-22

Sec. 22 Twp. 24 S. R. 33 ☐ East ☑ West County: Finney

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 *(Attach Additional Sheets)*	☐ Yes	☑ No	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☐ Yes	☐ No	

List All E. Logs Run: Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	24	1644	CLASS H	530	SEE ATTACHED
Production	7.875	5.5	17	5200	50/50 POZ H	255	SEE ATTACHED

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	Producing Method:					
8/12/2015	☐ Flowing	☑ Pumping	☐ Gas Lift	☐ Other *(Explain)*		
Estimated Production Per 24 Hours	**Oil Bbls.**	**Gas Mcf**	**Water Bbls.**	**Gas-Oil Ratio**	**Gravity**	
	66					

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☑ Commingled *(Submit ACO-4)*	PAWNEE	
		MORROW	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD:	Size:	Set At:	Packer At:
	2.8750	4910	

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	PRAIRIE VIEW 1-22
Doc ID	1266029

All Electric Logs Run

ANNULAR HOLE VOLUME -TVD
ANNULAR HOLE VOLUME PLOT
ARRAY COMPENSATED SONIC ARRAY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG I INCH - TVD
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 INCH
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2 INCH
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2 INCH- TVD
BOREHOLE COMPENSATED SONIC ARRAY LOG
BOREHOLE COMPENSATED SONIC ARRAY LOG-TVD
CEMENT BOND LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
MICROLOG-TVD
MICROLOG
REPEAT SECTION
QUAD COMBO LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	PRAIRIE VIEW 1-22
Doc ID	1266029

Tops

Name	Top	Datum
HEEBNER	3906	
TORONTO	3924	
LANSING GROUP	4007	
KANSAS CITY	4334	
MARMATON	4508	
PAWNEE	4591	
CHEROKEE	4646	
ATOKA	4771	
MORROW	4866	
ST GENEVIEVE	4997	

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	PRAIRIE VIEW 1-22
Doc ID	1266029

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4958-4966, 4968-4973, 4975-4981, 4982-4989, 4991-4996 L.MORROW	ACID-4000 GALS 7.5%HCL, 29 BBL FLUSH 7%KCL	4958-4996
		FRAC-922 BBLS, 120,918 LBS 20/40, 1,614,000 SCF TOTAL N2	4958-4996
4	4878-4898 Upper Morrow	FRAC-494 BBLS, 614,22 LBS TOTAL 20/40, 968,000 SCF TOTAL N2	4878-4898
	CIBP@4950		4950
4	4590-4595 PAWNEE	ACID-1250 GALS 14%HCL ACID, 28 BBL FLUSH 4%KCL	4590-4595

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	PRAIRIE VIEW 1-22
Doc ID	1266029

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1644	CLASS H	530	SEE ATTACHED
Production	7.875	5.5	17	5200	50/50 POZ/H	255	SEE ATTACHED

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 06478 A

DATE TICKET NO.

DATE OF JOB 6-18-15 DISTRICT 1717	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Merit Energy	LEASE Prairie View #1-22 WELL NO.
ADDRESS	COUNTY Finney STATE KS
CITY STATE	SERVICE CREW G Estrada, G Mendoza, H Restrepo
AUTHORIZED BY T Davis	JOB TYPE: 242 - 85/8 Surface

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
78940	6	19831	6		
37223	6	37847	6		
37726	6				
304463	6				
19566	6				

	DATE	TIME
TRUCK CALLED	6-18-15	AM/PM 2:00
ARRIVED AT JOB		AM/PM 6:00
START OPERATION		AM/PM 11:00
FINISH OPERATION		AM/PM 1:00
RELEASED		AM/PM 2:00
MILES FROM STATION TO WELL		50 mi

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CL101	✓ ACon	sk	290		5394 00
CL110	✓ Premium Plus	sk	240		3912 00
CC109	✓ Calcium Chloride	lb	271		1334 55
CC102	✓ Cellflake	lb	133		492 10
CC130	✓ C-51	lb	55		1375 00
CC165	✓ Stoploss Polymer	gal	420		2520 00
CC166	✓ Stoploss LCM	lb	180		787 50
E101	Heavy Equipment Mileage	mi	150		1125 00
CE240	Blending & Mixing Service	sk	530		742 00
E113	Proppant & Bulk Delivery	tonmi	248		3118 75
CE202	Pump Depth: 1001-2000'	4hr	1		1500 00
CE504	Plug Container	ea	1		250 00
E100	Unit Mileage	mi	80		225 00
S1003	Service Supervisor	ea	1		175 00
F105					

Well Prairie View 1-22
AFE ~~830010~~ 45063
GL 83001025
Office Hoisington KS
Date 6/18/15

CHEMICAL / ACID DATA:

SUB TOTAL		~~12343.46~~ 10557.41
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		

SERVICE REPRESENTATIVE
FIELD SERVICE ORDER NO.

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

CLOUD LITHO - Abilene, Tx

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer: Merit Energy	Lease No.	Date: 6-18-15	
Lease: Prairie View	Well #: 1-22	Service Receipt: 06478	
Casing	Depth	County: Finney	State: KS
Job Type: Z42-8⅝ Surface	Formation	Legal Description: 22-24-33	

Pipe Data		Perforating Data		Cement Data
Casing size: 8⅝" 24#	Tubing Size	Shots/Ft		Lead: 290 sk ACon
Depth: 1647'	Depth	From	To	
Volume: Disp-102 bbl	Volume	From	To	
Max Press: 1500 #	Max Press	From	To	Tail in: 240 sk Class C
Well Connection: TD-1650'	Annulus Vol.	From	To	
Plug Depth: SJ-47 (1600)	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
6:00					on loc-site assesment
6:10					spot trucks-rig up
10:00					safety meeting-RSA
11:30					pressure test 2000 #
11:40	100		15	4	mix & pump 15 bbl sto loss
11:45	100		124	4	mix pump 290 sk ACon @ 12.1#
12:45	100		57	4	switch to 240 sk Prem. Plus @ 14.8#
12:30	100		0	4	drop plug, disp csg
12:55	300		90	2	slow rate
1:00	800		101	0	land plug, float held
1:15	1500				test csg 1500 # 15 min-ok
					circ cmt to surface
					job complete

Service Units	7940	37773-37726	30463-19566	19831-37547		
Driver Names	T Rivera	G Eduardo	G Mendoza	H Ruthers		

Customer Representative

T Davis
Station Manager

D Rivera
Cementer

Taylor Printing, Inc.

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 05454 A

DATE 6/22 TICKET NO.

DATE OF JOB 6-22-15 DISTRICT	NEW WELL ☐ OLD WELL ☒ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Merit Energy	LEASE Prairie View WELL NO 1-22
ADDRESS	COUNTY Finney STATE Ks.
CITY STATE	SERVICE CREW Daniel, Bogelio, Margarito
AUTHORIZED BY Chad Hinz	JOB TYPE: Z42 Production

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
T8938	1				
38117/19919	1				
30464/37724	1				

	DATE	AM/PM	TIME
TRUCK CALLED	6-22-15	AM PM	3:00
ARRIVED AT JOB	6-22-15	AM PM	8:30
START OPERATION		AM PM	10:00
FINISH OPERATION		AM PM	11:00
RELEASED	6-22-15	AM PM	2:00
MILES FROM STATION TO WELL	50		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CL 104	50/50 Poz	sk	255		2805 00
CC 111	Salt	lb.	1571		785 50
CC 201	Gilsonite	lb.	1280		857 60
CC 113	Gypsum	lb	1075		806 25
CC 103	C-15	lb	129		1612 50
CC 105	C-41P	lb	54		216 00
E 101	Heavy Equipment Mileage	mi	100		750 00
CE 240	Blending & Mixing Service Charge	sk	255		357 00
E 113	Proppant + Bulk Delivery Charges	tm	538		1343 75
CE 206	Depth Charge; 5001-6000'	4hrs	1		2880 00
CE 504	Plug Container Utilization Charge	job	1		250 00
E 100	Unit Mileage Charge-Pickups, Small V.	mi	50		225 00
S003	Service Supervisor, first 8hrs. on loc.	ea	1		175 00
T105	Cement Data Acquisition Monitor	ea	1		550 00
	Well Prairie View 1-22				
	AFE 45063				
	GL 830b1075				
	Office Holcomb KS				
	Date 6/22/15				

SUB TOTAL $4,900 90

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE Daniel Bach

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer: Merit Energy	Lease No.	Date: 6-22-15
Lease: Prairie View	Well #: 1-22	Service Receipt: 1717 05454
Casing: 5½" 17lb. Depth: 5195.87ft.	County: Finney	State: Ks.
Job Type: 2 42 Production	Formation	Legal Description: 22 24 33

Pipe Data		Perforating Data		Cement Data
Casing size: 5½" 17#	Tubing Size	Shots/Ft		Lead 50/50 Poz 255sk
Depth: 5195.87ft	Depth	From	To	
Volume: 119.5 bbl	Volume	From	To	1.58 ft3/sk 7.36 gal/sk
Max Press: 2500psi	Max Press	From	To	Tail in
Well Connection: P.C.	Annulus Vol.	From	To	
Plug Depth: 5151.25ft	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
3:00					Call Out
7:15					Left Yard
8:30					On Location
8:45					Safety Meeting w/ BES Personnel
9:00					Rig Up
9:30					Safety Meeting w/ Rig Crew
9:55					Pressure Test to 2500psi
10:00	100		71.75	5.0	Pump 50/50 Poz
10:05					Shutdown by rig (no problems)
10:20					Shutdown/Wash Pump/Drop Plug
	20		10	5.0	Displacement
	20		20	5.0	
	20		30	5.0	
	20		40	5.0	
	20		50	5.0	
	20		60	5.0	
	190		70	5.0	
	450		80	4.7	
	650		90	4.2	
	800		100	3.8	
	950		110	2.0	Slow Rate
10:55	1600		119.5	0	Land Plug Pressure up + wait
11:00					Release Back Float Held Job Complete

Service Units	78938	38117/19919	30464/37724			
Driver Names	Daniel	Rogelio	Margarito			

James Carter
Customer Representative

Tyce Davis
Station Manager

Daniel Beck
Cementer

Taylor Printing, Inc.

Merit Energy

Project: Finney County, KS (NAD 27)
Site: Sec. 22, T24S-R33W
Well: Prairie View 1-22
Wellbore: Wellbore #1
Plan: Plan#1 060815 RevA0 (Prairie View 1-22/Wellbore #1)
Saxon 146

HALLIBURTON
Sperry Drilling

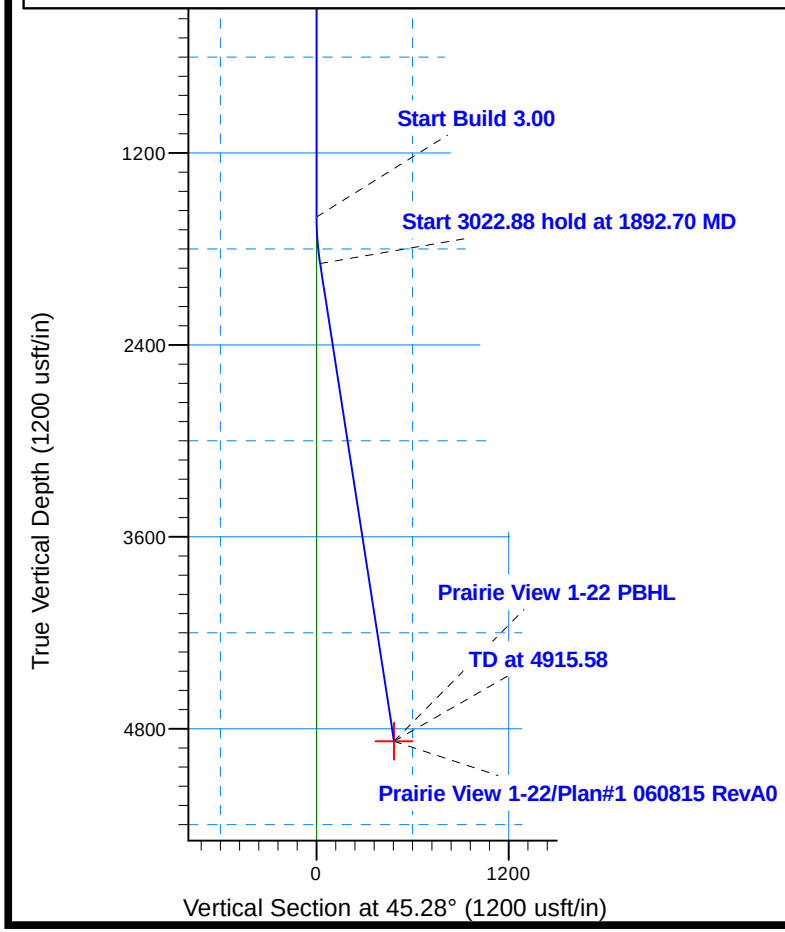
WELL DETAILS: Prairie View 1-22

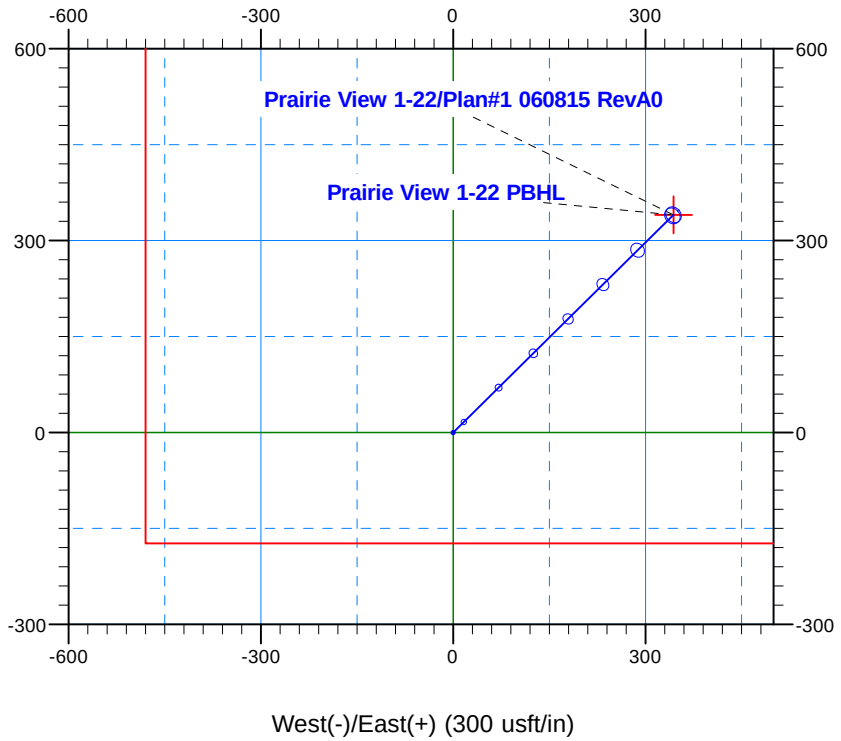
Ground Level: 2902.00

Northing	Easting	Latitude	Longitude
475154.56	1297562.18	37° 56' 47.112 N	100° 56' 10.449 W

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	-0.01	0.00	0.00	0.00	0.00	
1892.70	8.78	45.28	1891.56	15.75	15.91	3.00	45.28	22.39	
4915.58	8.78	45.28	4879.00	340.44	343.82	0.00	0.00	483.85	Prairie View 1-22 PBHL





Saxon 146

Merit Energy

Finney County, KS (NAD 27) Sec. 22, T24S-R33W

API#

Prairie View 1-22

173.41' FSL & 479.93' FWL

Wellbore #1

Plan: Plan#1 060815 RevA0

Sperry Drilling Services

Combo Report

08 June, 2015

Well Coordinates:	37° 56' 47.11" N 100° 56' 10.45" W	NAD 1927 (NADCON CONUS) Kansas South 1502 475,154.56 N 1,297,562.18 E

Ground Level: 2,902.00 usft

Local Coordinate Origin:	Centered on Well Prairie View 1-22
Viewing Datum:	KB=14' @ 2916.00usft (Saxon 146)
TVDs to System:	N
North Reference:	**Grid**
Unit System:	Clyde

Version: 5000.1 Build: 73

Report Version: Midcon Combo v1.11

HALLIBURTON

Plan Report for Prairie View 1-22 - Plan#1 060815 RevA0

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	TVD below System (usft)	Vertical Depth (usft)	Local Coordinates Northing (usft)	Local Coordinates Easting (usft)	Map Coordinates Northing (usft)	Map Coordinates Easting (usft)	Dogleg Rate (°/100usft)	Vertical Section (usft)	Comments
0.00	0.00	0.00	-2,916.00	0.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
100.00	0.00	0.00	-2,816.00	100.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
200.00	0.00	0.00	-2,716.00	200.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
300.00	0.00	0.00	-2,616.00	300.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
400.00	0.00	0.00	-2,516.00	400.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
500.00	0.00	0.00	-2,416.00	500.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
600.00	0.00	0.00	-2,316.00	600.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
700.00	0.00	0.00	-2,216.00	700.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
800.00	0.00	0.00	-2,116.00	800.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
900.00	0.00	0.00	-2,016.00	900.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
1,000.00	0.00	0.00	-1,916.00	1,000.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
1,100.00	0.00	0.00	-1,816.00	1,100.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
1,200.00	0.00	0.00	-1,716.00	1,200.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
1,300.00	0.00	0.00	-1,616.00	1,300.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
1,400.00	0.00	0.00	-1,516.00	1,400.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
1,500.00	0.00	0.00	-1,416.00	1,500.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	
1,600.00	0.00	0.00	-1,316.00	1,600.00	0.01 S	0.00 W	475,154.56	1,297,562.18	0.00	0.00	Start Build 3.00
1,700.00	3.00	45.28	-1,216.05	1,699.95	1.84 N	1.86 E	475,156.40	1,297,564.04	3.00	2.62	
1,800.00	6.00	45.28	-1,116.37	1,799.63	7.36 N	7.43 E	475,161.92	1,297,569.61	3.00	10.46	
1,892.70	8.78	45.28	-1,024.45	1,891.55	15.75 N	15.91 E	475,170.31	1,297,578.08	3.00	22.39	Start 3022.88 hold at 1892.70 MD
1,900.00	8.78	45.28	-1,017.23	1,898.77	16.53 N	16.70 E	475,171.09	1,297,578.88	0.00	23.50	
2,000.00	8.78	45.28	-918.40	1,997.60	27.27 N	27.55 E	475,181.83	1,297,589.72	0.00	38.77	
2,100.00	8.78	45.28	-819.57	2,096.43	38.01 N	38.39 E	475,192.58	1,297,600.57	0.00	54.03	
2,200.00	8.78	45.28	-720.75	2,195.25	48.75 N	49.24 E	475,203.32	1,297,611.42	0.00	69.30	
2,300.00	8.78	45.28	-621.92	2,294.08	59.49 N	60.09 E	475,214.06	1,297,622.27	0.00	84.56	
2,400.00	8.78	45.28	-523.09	2,392.91	70.24 N	70.94 E	475,224.80	1,297,633.12	0.00	99.83	
2,500.00	8.78	45.28	-424.26	2,491.74	80.98 N	81.79 E	475,235.54	1,297,643.96	0.00	115.09	
2,600.00	8.78	45.28	-325.43	2,590.57	91.72 N	92.63 E	475,246.28	1,297,654.81	0.00	130.36	
2,700.00	8.78	45.28	-226.61	2,689.39	102.46 N	103.48 E	475,257.02	1,297,665.66	0.00	145.63	
2,800.00	8.78	45.28	-127.78	2,788.22	113.20 N	114.33 E	475,267.76	1,297,676.51	0.00	160.89	
2,900.00	8.78	45.28	-28.95	2,887.05	123.94 N	125.18 E	475,278.50	1,297,687.35	0.00	176.16	
3,000.00	8.78	45.28	69.88	2,985.88	134.68 N	136.02 E	475,289.25	1,297,698.20	0.00	191.42	
3,100.00	8.78	45.28	168.70	3,084.70	145.42 N	146.87 E	475,299.99	1,297,709.05	0.00	206.69	
3,200.00	8.78	45.28	267.53	3,183.53	156.16 N	157.72 E	475,310.73	1,297,719.90	0.00	221.96	
3,300.00	8.78	45.28	366.36	3,282.36	166.91 N	168.57 E	475,321.47	1,297,730.75	0.00	237.22	
3,400.00	8.78	45.28	465.19	3,381.19	177.65 N	179.42 E	475,332.21	1,297,741.59	0.00	252.49	
3,500.00	8.78	45.28	564.02	3,480.02	188.39 N	190.26 E	475,342.95	1,297,752.44	0.00	267.75	
3,600.00	8.78	45.28	662.84	3,578.84	199.13 N	201.11 E	475,353.69	1,297,763.29	0.00	283.02	
3,700.00	8.78	45.28	761.67	3,677.67	209.87 N	211.96 E	475,364.43	1,297,774.14	0.00	298.29	
3,800.00	8.78	45.28	860.50	3,776.50	220.61 N	222.81 E	475,375.17	1,297,784.98	0.00	313.55	
3,900.00	8.78	45.28	959.33	3,875.33	231.35 N	233.65 E	475,385.92	1,297,795.83	0.00	328.82	

Plan Report for Prairie View 1-22 - Plan#1 060815 RevA0

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	TVD below System (usft)	Vertical Depth (usft)	Local Coordinates Northing (usft)	Local Coordinates Easting (usft)	Map Coordinates Northing (usft)	Map Coordinates Easting (usft)	Dogleg Rate (°/100usft)	Vertical Section (usft)	Comments
4,000.00	8.78	45.28	1,058.16	3,974.16	242.09 N	244.50 E	475,396.66	1,297,806.68	0.00	344.08	
4,100.00	8.78	45.28	1,156.98	4,072.98	252.83 N	255.35 E	475,407.40	1,297,817.53	0.00	359.35	
4,200.00	8.78	45.28	1,255.81	4,171.81	263.58 N	266.20 E	475,418.14	1,297,828.38	0.00	374.61	
4,300.00	8.78	45.28	1,354.64	4,270.64	274.32 N	277.05 E	475,428.88	1,297,839.22	0.00	389.88	
4,400.00	8.78	45.28	1,453.47	4,369.47	285.06 N	287.89 E	475,439.62	1,297,850.07	0.00	405.15	
4,500.00	8.78	45.28	1,552.30	4,468.30	295.80 N	298.74 E	475,450.36	1,297,860.92	0.00	420.41	
4,600.00	8.78	45.28	1,651.12	4,567.12	306.54 N	309.59 E	475,461.10	1,297,871.77	0.00	435.68	
4,700.00	8.78	45.28	1,749.95	4,665.95	317.28 N	320.44 E	475,471.84	1,297,882.61	0.00	450.94	
4,800.00	8.78	45.28	1,848.78	4,764.78	328.02 N	331.28 E	475,482.59	1,297,893.46	0.00	466.21	
4,900.00	8.78	45.28	1,947.61	4,863.61	338.76 N	342.13 E	475,493.33	1,297,904.31	0.00	481.48	
4,915.58	8.78	45.28	1,963.00	4,879.00	340.44 N	343.82 E	475,495.00	1,297,906.00	0.00	483.85	TD at 4915.58

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,600.00	1,600.00	-0.01	0.00	Start Build 3.00
1,892.70	1,891.55	15.75	15.91	Start 3022.88 hold at 1892.70 MD
4,915.58	4,879.00	340.44	343.82	TD at 4915.58

Vertical Section Information

	Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (usft)	Origin +E/-W (usft)	Start TVD (usft)
TD		No Target (Freehand)	45.28	Slot	-0.01	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
0.00	4,915.58	Plan#1 060815 RevA0	MWD+SC

Plan Report for Prairie View 1-22 - Plan#1 060815 RevA0

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Prairie View 1-22 PBHL (813.4' FWL & 517' FSL)									
- plan hits target center - Point	0.00	360.00	4,879.00	340.44	343.82	475,495.00	1,297,906.00	37° 56' 50.566 N	100° 56' 6.270 W

Directional Difficulty Index

Average Dogleg over Survey:	0.18 °/100usft	Maximum Dogleg over Survey:	3.00 °/100usft at 1,892.70 usft
Net Tortousity applicable to Plans:	0.18 °/100usft	Directional Difficulty Index:	3.913

Audit Info

North Reference Sheet for Sec. 22, T24S-R33W - Prairie View 1-22 - Wellbore #1

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.
Vertical Depths are relative to KB=14' @ 2916.00usft (Saxon 146). Northing and Easting are relative to Prairie View 1-22

Coordinate System is US State Plane 1927 (Exact solution), Kansas South 1502 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866
Projection method is Lambert Conformal Conic (2 parallel)
Central Meridian is 98° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:37° 16' 0.000 N°
False Easting: 2,000,000.00usft, False Northing: 0.00usft, Scale Reduction: 0.99993605

Grid Coordinates of Well: 475,154.56 usft N, 1,297,562.18 usft E
Geographical Coordinates of Well: 37° 56' 47.11" N, 100° 56' 10.45" W
Grid Convergence at Surface is: -1.50°

Based upon Minimum Curvature type calculations, at a Measured Depth of 4,915.58usft
the Bottom Hole Displacement is 483.85usft in the Direction of 45.28° (Grid).

Magnetic Convergence at surface is: -7.60° (8 June 2015, , BGGM2015)