

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite 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 #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

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

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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](mailto: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 Geologist Report / Mud Logs <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				

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Edison Operating Company LLC
Well Name	ALLENDER 1-26
Doc ID	1376373

All Electric Logs Run

Dual Induction
CDNL
Micro
Sonic





PAGE 1 of 1	CUST NO 1007020	YARD # 1718	INVOICE DATE 11/09/2017
INVOICE NUMBER <b>92564645</b>			

Pratt (620) 672-1201  
 B EDISON OPERATING COMPANY LLC  
 I 8100 E 22ND ST N  
 L WICHITA  
 L KS US 67226  
 T  
 O ATTN: DAVID WITHROW

J LEASE NAME Allender #1-26  
 O LOCATION  
 B COUNTY Stafford  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41068184	19843		Net - 30 days	12/09/2017

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/07/2017 to 11/07/2017</i>				
0041068184				
171815499A Cement-New Well Casing/Pi 11/07/2017 Cement-8 5/8" Surface				
A-Serv Lite	175.00	EA	7.15	1,251.25
Common Cement	175.00	EA	8.80	1,540.00
Celloflake	85.00	EA	2.03	172.97
Calcium Chloride	789.00	EA	0.58	455.65
"Wooden Cmt Plug, 8 5/8" ""	1.00	EA	88.00	88.00
"Unit Mileage Chg (PU, cars one way)"	20.00	MI	2.48	49.50
Heavy Equipment Mileage	40.00	MI	4.13	165.00
Proppant & Bulk Del. Chgs., per ton mil	318.00	EA	1.38	437.25
Depth Charge; 0-500'	1.00	EA	550.00	550.00
Blending & Mixing Service Charge	350.00	BAG	0.77	269.50
Plug Container Util. Chg.	1.00	EA	137.50	137.50
"Service Supervisor, first 8 hrs on loc.	1.00	EA	96.25	96.25

*CEMENT FOR 8 5/8" CSN  
 9232 m.  
 11-16*

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,212.87
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	0.00
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,212.87
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

26-245-13W

JTMH:26

FIELD SERVICE TICKET  
1718 15499 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 11/7/2017	DISTRICT: P1920, 1CS	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER: Edison Operating Co., LLC		LEASE: Allender		WELL NO.: 1-26			
ADDRESS:		COUNTY: St. Louis	STATE: KS				
CITY:		SERVICE CREW: D. Griffin, M. McGraw, M. Clymer					
AUTHORIZED BY:		JOB TYPE: 242/8 5/8 SURFACE					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE AM/PM TIME
19843	3/4						11/6 AM 6:30
21010	1/2					ARRIVED AT JOB	11/6 AM 9:30
						START OPERATION	11/6 AM 11:45
						FINISH OPERATION	11/7 AM 12:30
						RELEASED	11/7 AM 1:00
						MILES FROM STATION TO WELL	22

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: *Randy Rupp*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
CP106	A Serv Lite	SK	175		2,275 00	
CP100C	Common Cement	SK	175		2,800 00	
CC102	Cellofloc	Lb	85		314 50	
CC109	Calcium Chloride	Lb	789		828 45	
CF153	Wooden Cement Plus, 8 5/8"	FS	1		160 00	
E100	Unit milesse Charge - Pickups, SENSUSIS	M.	20		90 00	
E101	Heavy Equipment milesse	M.	40		300 00	
E113	Proppant and Bulk Delivery Charge, per km. TWA		318		795 00	
CE200	Depan Charge; G-300'	Mis	1		1,000 00	
CE240	Blending & mixing Service Charge	SK	350		490 00	
CE504	Plug Cont. acc Utilization Charge	Job	1		250 00	
SO03	Service Supervisor, first 8 hours for.	FS	1		175 00	
					SUB TOTAL	9,477 85

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
		TOTAL	5212 87

SERVICE REPRESENTATIVE: <i>Darin K...</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Randy Rupp</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. \_\_\_\_\_

## Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

### Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customer's invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

### Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

### Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handling, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

### Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

### Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

### Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

### Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

### Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

### General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.





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### Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

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The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

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Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

### Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

### Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

### Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

### Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

### Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

### General Provisions:

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BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

Customer Eaton Operating Co, LLC		Lease No.		Date 11/7/2017	
Lease Allen der		Well # 1-26			
Field Order # 15477	Station PFS211105	Casing 8 5/8	Depth 442	County St Louis	State KS
Type Job 242/8 5/8 Surface			Formation TD-442	Legal Description 26-245-13W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
8 5/8				Pre Pad	Max		5 Min.
Depth 442	Depth	From	To	Pad	Min		10 Min.
Volume 28	Volume	From	To	Frac	Avg		15 Min.
Max Press	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush Freshwater	Gas Volume		Total Load
Plug Depth 442	Packer Depth	From	To				

Customer Representative Rick Popp	Station Manager Justin Westerman	Treater Darin Franklin
--------------------------------------	-------------------------------------	---------------------------

Service Units	92911	84981	19843	19889	21010				
Driver Names	Darin	McGraw	McGraw	Clymer	Clymer				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30pm					on location / safety meeting 175SK # Serv Lite, 6% Gel, 3% CC 1/4 # Cellofisk - 13.3 pps, 1.66 veils, 8.39 wsr
					175SK Common Cement, 2% CC, 1/4 # Cellofisk, 15.6 pps, 1.20 veils, 5.23 wsr
11:45pm	200		3	5	Pump 3 bbls water
	200		52	5	mix 175 SK lene
	200		37	5	mix 175 SK T9.1
					Shut down
					Disc Plug
11:12	200		26 3/4	3	PSBASIC
12:30pm					Shut in
					Cement dia Circular - 10 bbls
					Job completed Darin & crew Thank you!!



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1007020	1718	11/20/2017
INVOICE NUMBER			
92573197			

Pratt (620) 672-1201  
 EDISON OPERATING COMPANY LLC  
 8100 E 22ND ST N  
 WICHITA  
 KS US 67226  
 ATTN: DAVID WITHROW

J LEASE NAME Allender #1-26  
 O LOCATION  
 B COUNTY Stafford  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
41069884	19843		Net - 30 days	12/20/2017	
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/15/2017 to 11/15/2017</i>					
0041069884					
171816092A Cement-New Well Casing/Pi 11/15/2017 Cement-CNW 5 1/2" L.S.					
AA2 Cement 175.00 EA 9.35 1,636.25					
60/40 POZ 50.00 EA 6.60 330.00					
C-41P 42.00 EA 2.20 92.40					
Salt 880.00 EA 0.28 242.00					
FLA-322 83.00 EA 4.12 342.37					
Gilsonite 875.00 EA 0.37 322.44					
"Latch Down Plug & Baffle, 5 1/2" (Blue) 1.00 EA 220.00 220.00					
"Auto Fill Float Shoe 5 1/2" (Blue)" 1.00 EA 198.00 198.00					
"Turbolizer, 5 1/2" (Blue)" 7.00 EA 60.50 423.50					
"5 1/2" Basket (Blue)" 1.00 EA 159.50 159.50					
Mud Flush 500.00 EA 0.83 412.50					
Claymax KCL Substitute 5.00 EA 19.25 96.25					
"Unit Mileage Chg (PU, cars one way)" 20.00 MI 2.48 49.50					
Heavy Equipment Mileage 40.00 MI 4.13 165.00					
Proppant & Bulk Del. Chgs., per ton mil 207.00 EA 1.37 284.62					
Depth Charge; 4001'-5000' 1.00 EA 1,386.00 1,386.00					
Blending & Mixing Service Charge 225.00 BAG 0.77 173.25					
Plug Container Util. Chg. 1.00 EA 137.50 137.50					
"Service Supervisor, first 8 hrs on loc. 1.00 EA 96.26 96.26					

*Cement for 5 1/2" CSW  
9245*

*12/17  
mg*

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,767.34
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	0.00
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	6,767.34
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

TTMH = 25

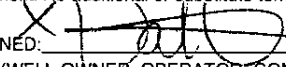
FIELD SERVICE TICKET  
1718 16092 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>11-15-2017</b> DISTRICT _____		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO. _____							
CUSTOMER <b>EDISON OPERATING CO., LLC</b>		LEASE <b>ALLENDER</b> WELL NO. <b>1-26</b>							
ADDRESS _____		COUNTY <b>STAFFORD</b> STATE <b>Ks.</b>							
CITY _____ STATE _____		SERVICE CREW <b>LESLEY, McGRADY, PLYMER</b>							
AUTHORIZED BY _____		JOB TYPE: <b>CNW-5 1/2" L.S.</b> <b>242</b>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<b>19843</b>	<b>5</b>						<b>11-15-17</b>	<b>PM</b>	<b>6:00</b>
<b>19860</b>	<b>5</b>					ARRIVED AT JOB		<b>AM</b>	<b>8:30</b>
						START OPERATION		<b>AM</b>	<b>9:30</b>
						FINISH OPERATION		<b>AM</b>	<b>1:00</b>
						RELEASED		<b>PM</b>	<b>1:30</b>
						MILES FROM STATION TO WELL _____			

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.

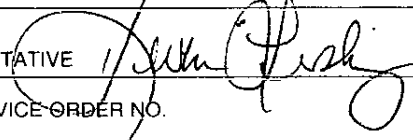

SIGNED:   
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 CEMENT	SK	175		2,975.00
CP 103	60/40 P02	SK	50		600.00
CC 105	C-41P	lb	42		168.00
CC 111	SALT	lb	880		440.00
CC 129	FLA-322	lb	83		622.50
CC 201	GILSONITE	lb	875		586.75
CF 607	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1		400.00
CF 1251	AUTO FILL FLOAT SHOE, 5 1/2"	EA	1		360.00
CF 1651	TURBOLIZER, 5 1/2"	EA	7		770.00
CF 1901	BASKET, 5 1/2"	EA	1		240.00
CP 151	MUD FLUSH	GAL	500		750.00
C 704	CLAYMAX KCL SUBSTITUTE	GAL	5		175.00
E 100	PICKUP MILEAGE	MI	20		90.00
E 101	HEAVY EQUIPMENT MILEAGE	MI	40		300.00
E 113	BULK DELIVERY CHARGE	TM	207		517.50
CE 205	DEPTH CHARGE; 4001' - 5000'	HR	1-4		2,520.00
CE 240	BLENDED SERVICE CHARGE	SK	225		315.00
CE 504	PLUG CONTAINER UTILIZATION	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL **10,767.34**

CHEMICAL / ACID DATA:		

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

SERVICE REPRESENTATIVE 	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: 
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

# Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

## Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customer's invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

## Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

## Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handling, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

## Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

## Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

## Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

## Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

## Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting therefrom, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

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The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

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No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

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**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 16092 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB		DISTRICT		NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER				LEASE				WELL NO. /		
ADDRESS				COUNTY		STATE				
CITY		STATE		SERVICE CREW						
AUTHORIZED BY				JOB TYPE:						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED		DATE	AM PM	TIME
						ARRIVED AT JOB			AM PM	
						START OPERATION			AM PM	
						FINISH OPERATION:			AM PM	
						RELEASED			AM PM	
						MILES FROM STATION TO WELL				

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
1 2	...				
2 11	...				
3 15	...				
4 111	...				
5 121	...				
6 121	...				
7 121	...				
8 121	...				
9 121	...				
10 121	...				
11 121	...				
12 121	...				
13 121	...				
14 121	...				
15 121	...				
16 121	...				
17 121	...				
18 121	...				
19 121	...				
20 121	...				

CHEMICAL / ACID DATA:			

SUB TOTAL	
SERVICE & EQUIPMENT	%TAX ON S
MATERIALS	%TAX ON S
TOTAL	

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
------------------------	---

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

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## Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

## Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice. The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handling, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

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## Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

## Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

## Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

## Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

## Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

## General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

Customer <b>EDISON OPERATING</b>	Lease No.	Date <b>11-15-2017</b>
Lease <b>ALLENDER</b>	Well # <b>1-26</b>	
Field Order # <b>10042</b>	Station <b>PRATT, KS.</b>	Casing <b>5 1/2"</b>
		Depth <b>4176'</b>
Type Job <b>CNW - 5 1/2" L.S.</b>	Formation	County <b>STAFFORD</b>
		State <b>KS.</b>
		Legal Description <b>26-245-13W</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/2 x 15.5</b>	Tubing Size <b>5</b>	Shots/Ft	<b>CMT -</b>	ACTG <b>175SK AA2</b>	RATE	PRESS	ISIP	
Depth <b>4173'</b>	Depth	From	To	Pre Pad <b>21.42 CUFT<sup>3</sup></b>	Max		5 Min.	
Volume <b>99 BBL</b>	Volume	From	To	Pad	Min		10 Min.	
Max Press <b>1500</b>	Max Press	From	To	Frac	Avg		15 Min.	
Well-Connection <b>P.L.</b>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <b>4174'</b>	Packer Depth	From	To	Flush <b>98 BBL w/ 2% KCL</b>	Gas Volume		Total Load	

Customer Representative <b>RICK POPP</b>	Station Manager <b>J. WESTERMAN</b>	Treater <b>K. LESLEY</b>
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Service Units	<b>788608</b>	<b>84981</b>	<b>19843</b>	<b>19960</b>	<b>19860</b>				
Driver Names	<b>LESLEY</b>	<b>McGRAW</b>	<b>—</b>	<b>CLYMER</b>	<b>—</b>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:20 AM					ON LOCATION - SAFETY MEETING
9:30 AM					RUN 97 JTS. OF 5 1/2" x 15.5# CSG.
—					TURBO. - 1, 2, 8, 9, 10, 11, 12
—					BASK - #5, PIN OF 4'
11:50 AM					CSG. ON BOTTOM / CIRC. W/ RIG
11:55 AM	500		20	6	H <sub>2</sub> O AHEAD w/ 2% KCL
11:58 AM	500	**	12	6	MUD FLUSH
12:00 PM	4150		5	6	H <sub>2</sub> O SPACER
12:01 PM	400		44	6	MIX 175SKS. AA2 @ 15 PPG
12:09 PM					SHUT DOWN / CLEAR PUMP & LINES
12:20 PM	0		0	6	DRDP L.D. PLUG - START DISPLACEMENT
12:34 PM	200		70	5	LIFT PRESSURE
12:39 PM	750		90	4	SLOW RATE
12:40 PM	1500		98	3	PLUG DOWN - HELD
					CIRC. THRU JOB
12:45 PM	0		7.5		PLUG R.H. & <del>###</del>
					JOB COMPLETE,
					THANKS,
					KEVIN LESLEY





**Company: Edison Operating  
Company, LLC  
Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

**DATE**  
November  
**11**  
2017

**DST #1**      **Formation: Lans "B-D"**      **Test Interval: 3562 - 3622'**      **Total Depth: 3622'**  
Time On: 10:36 11/11      Time Off: 18:12 11/11  
Time On Bottom: 13:18 11/11      Time Off Bottom: 16:13 11/11

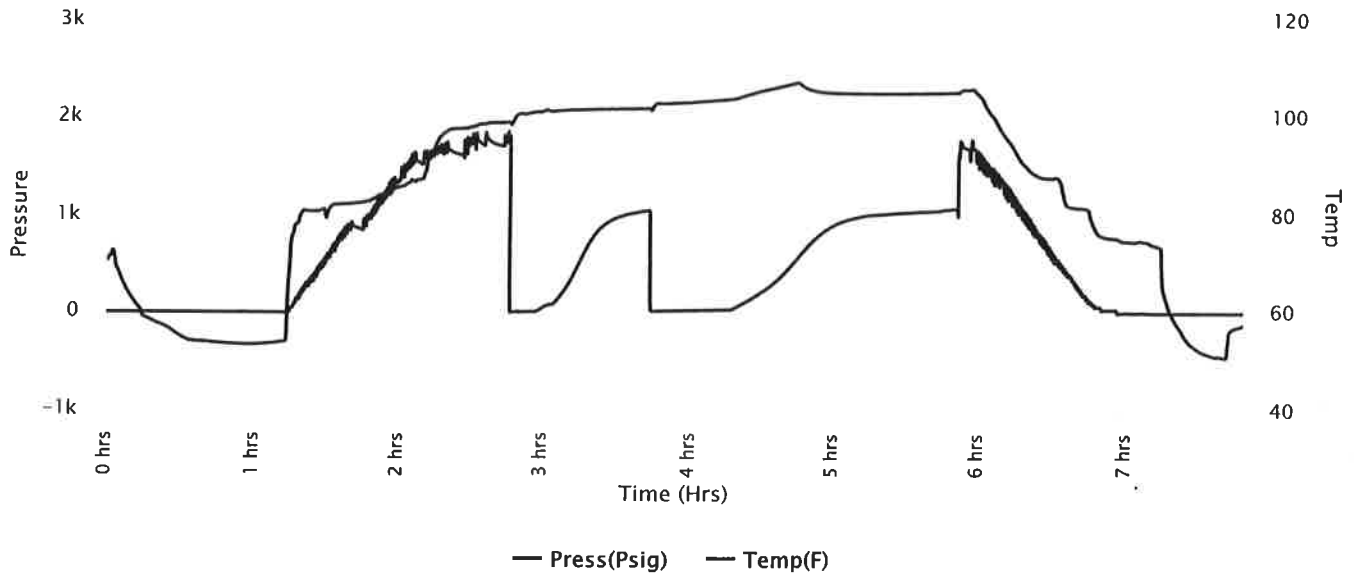
Electronic Volume  
Estimate:  
966'

1st Open  
Minutes: 10  
13" at 10 min

1st Close  
Minutes: 45  
4.1" at 45 min

2nd Open  
Minutes: 30  
87.2" at 30 min

2nd Close  
Minutes: 90  
4" at 90 min





**Company: Edison Operating Company, LLC**  
**Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
 County: STAFFORD  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 9  
 Elevation: 1912 GL  
 Field Name: St John  
 Pool: Pool Ext  
 Job Number: 83

**DATE**  
 November  
**11**  
 2017

**DST #1**      **Formation: Lans "B-D"**      **Test Interval: 3562 - 3622'**      **Total Depth: 3622'**  
 Time On: 10:36 11/11      Time Off: 18:12 11/11  
 Time On Bottom: 13:18 11/11      Time Off Bottom: 16:13 11/11

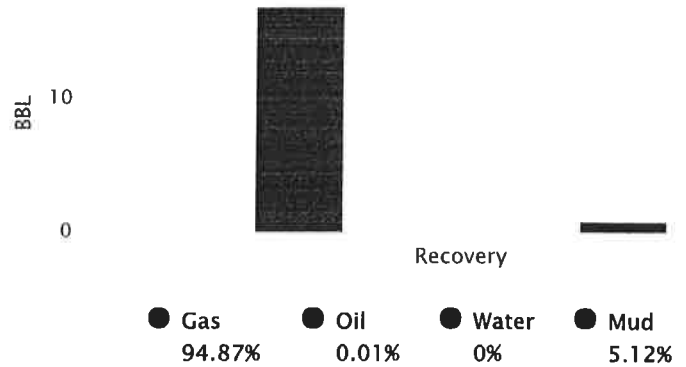
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1192	16.96216	G	100	0	0	0
68	0.96764	SLGCM (trace oil)	5	.1	0	94.9

Total Recovered: 1260 ft  
 Total Barrels Recovered: 17.9298

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1719	PSI
Initial Flow	14 to 20	PSI
<b>Initial Closed in Pressure</b>	<b>1061</b>	<b>PSI</b>
Final Flow Pressure	29 to 46	PSI
<b>Final Closed in Pressure</b>	<b>1075</b>	<b>PSI</b>
Final Hydrostatic Pressure	1722	PSI
Temperature	108	°F
Pressure Change Initial Close / Final Close	0.0	%



**Company: Edison Operating  
Company, LLC  
Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

<b>DATE</b> November <b>11</b> 2017
--

<b>DST #1</b>	<b>Formation: Lans "B- D"</b>	<b>Test Interval: 3562 - 3622'</b>	<b>Total Depth: 3622'</b>
	Time On: 10:36 11/11	Time Off: 18:12 11/11	
	Time On Bottom: 13:18 11/11	Time Off Bottom: 16:13 11/11	

**REMARKS:**

Initial Flow: Weak, surface blow. BOB in 10 mins.  
Initial Shut-in: 4 in. blow back.  
Final Flow: BOB blow immediately.  
Final Shut-in: 4 in. blow back.

Tool Sample: 50% oil, 3% water, 47% mud



**Company: Edison Operating  
Company, LLC  
Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

<p><b>DATE</b> November <b>11</b> 2017</p>
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**DST #1**      **Formation: Lans "B-D"**      **Test Interval: 3562 - 3622'**      **Total Depth: 3622'**

Time On: 10:36 11/11      Time Off: 18:12 11/11  
Time On Bottom: 13:18 11/11      Time Off Bottom: 16:13 11/11

**Down Hole Makeup**

<b>Heads Up:</b> 21.27 FT	<b>Packer 1:</b> 3556.85 FT
<b>Drill Pipe:</b> 3550.55 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3561.85 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3546.27 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3600 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 60.15	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 31.15 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 23 FT <i>4 1/2-FH</i>	



**Company: Edison Operating  
Company, LLC**

**Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

<b>DATE</b> November <b>11</b> 2017
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<b>DST #1</b>	<b>Formation: Lans "B- D"</b>	<b>Test Interval: 3562 - 3622'</b>	<b>Total Depth: 3622'</b>
	Time On: 10:36 11/11	Time Off: 18:12 11/11	
	Time On Bottom: 13:18 11/11	Time Off Bottom: 16:13 11/11	

**Mud Properties**

<b>Mud Type: Chemical</b>	<b>Weight: 9.2</b>	<b>Viscosity: 68</b>	<b>Filtrate: 8</b>	<b>Chlorides: 7,100 ppm</b>
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# Company: Edison Operating Company, LLC

## Lease: Allender #1-26

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling, Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

**DATE**  
November  
**12**  
2017

DST #2    Formation: Lans "F"    Test Interval: 3616 - 3634'    Total Depth: 3634'

Time On: 00:28 11/12    Time Off: 07:52 11/12  
Time On Bottom: 02:08 11/12    Time Off Bottom: 05:03 11/12

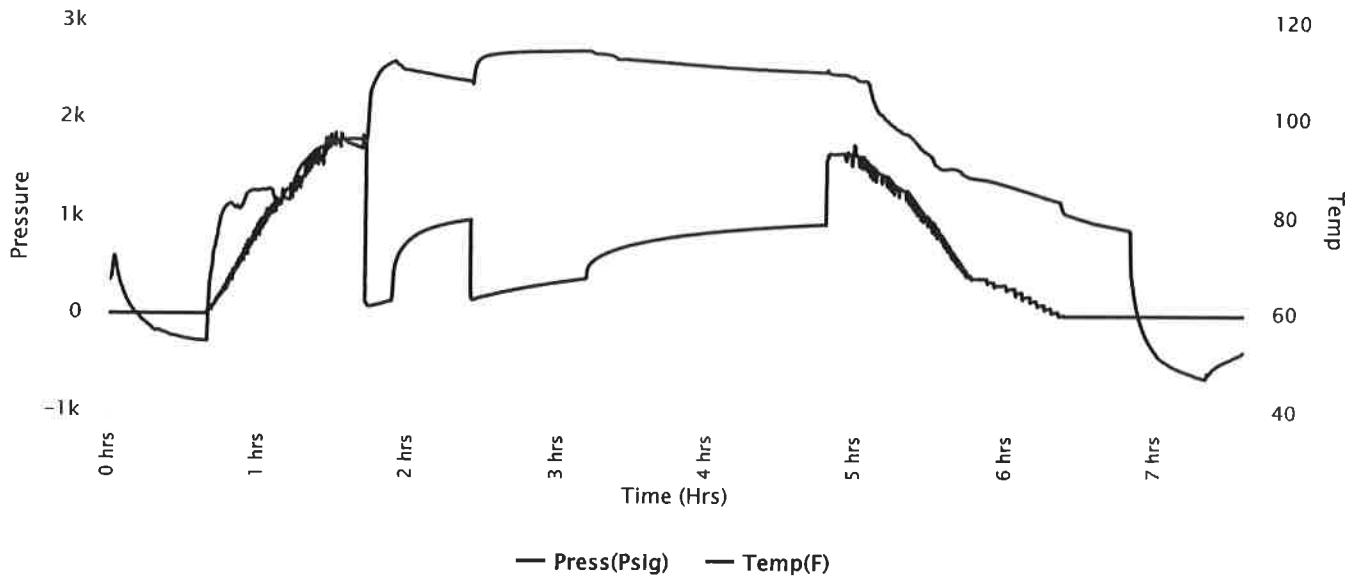
Electronic Volume Estimate:  
N/A

1st Open  
Minutes: 10  
293" at 10 min

1st Close  
Minutes: 30  
56.5" at 30 min

2nd Open  
Minutes: 45  
GTS" at 45 min

2nd Close  
Minutes: 90  
GTS" at 90 min





**Company: Edison Operating Company, LLC**  
**Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
 County: STAFFORD  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 9  
 Elevation: 1912 GL  
 Field Name: St John  
 Pool: Pool Ext  
 Job Number: 83

**DATE**  
 November  
**12**  
 2017

**DST #2 Formation: Lans "F" Test Interval: 3616 - 3634' Total Depth: 3634'**

Time On: 00:28 11/12 Time Off: 07:52 11/12  
 Time On Bottom: 02:08 11/12 Time Off Bottom: 05:03 11/12

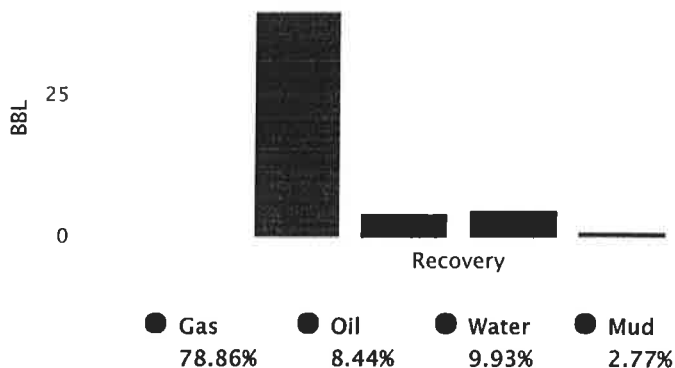
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
2828	40.24244	G	100	0	0	0
32	0.45536	SLGCOCM	15	20	0	65
378	5.37894	SLGCSLMCO	5	79	0	16
378	5.37894	SLMCW	0	0	95	5

Total Recovered: 3616 ft  
 Total Barrels Recovered: 51.45568

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1712	PSI
Initial Flow	88 to 147	PSI
<b>Initial Closed in Pressure</b>	<b>980</b>	<b>PSI</b>
Final Flow Pressure	163 to 380	PSI
<b>Final Closed in Pressure</b>	<b>940</b>	<b>PSI</b>
Final Hydrostatic Pressure	1673	PSI
Temperature	115	°F
Pressure Change Initial Close / Final Close	4.1	%



**Company: Edison Operating  
Company, LLC  
Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

<b>DATE</b> November <b>12</b> 2017
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**DST #2      Formation: Lans "F"      Test Interval: 3616 -      Total Depth: 3634'**  
**3634'**

Time On: 00:28 11/12      Time Off: 07:52 11/12  
Time On Bottom: 02:08 11/12      Time Off Bottom: 05:03 11/12

**REMARKS:**

Initial Flow: 1 in. blow. BOB in 45 secs.  
Initial Shut-in: BBBB.  
Final Flow: BOB immediately. GTS in 45 mins.  
Final Shut-in: BBBB.

Tool Sample: 70% oil, 30% water

Ph: 7

RW: .1 @ 49 degrees F

Chlorides: 100,000 ppm





**Company: Edison Operating  
Company, LLC  
Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rlg 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

<p><b>DATE</b> November <b>12</b> 2017</p>
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**DST #2**    **Formation: Lans "F"**    **Test Interval: 3616 - 3634'**    **Total Depth: 3634'**  
 Time On: 00:28 11/12    Time Off: 07:52 11/12  
 Time On Bottom: 02:08 11/12    Time Off Bottom: 05:03 11/12

**Down Hole Makeup**

<b>Heads Up:</b> 32.84 FT	<b>Packer 1:</b> 3611 FT
<b>Drill Pipe:</b> 3616.27 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3616 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3600.42 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3621 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 18	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 14 FT <i>4 1/2-FH</i>	







**Company: Edison Operating Company, LLC**  
**Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
 County: STAFFORD  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 9  
 Elevation: 1912 GL  
 Field Name: St John  
 Pool: Pool Ext  
 Job Number: 83

**DATE**  
 November  
**14**  
 2017

**DST #3 Formation: Arbuckle Test Interval: 4022 - 4097' Total Depth: 4097'**  
 Time On: 02:48 11/14 Time Off: 12:04 11/14  
 Time On Bottom: 04:47 11/14 Time Off Bottom: 07:42 11/14

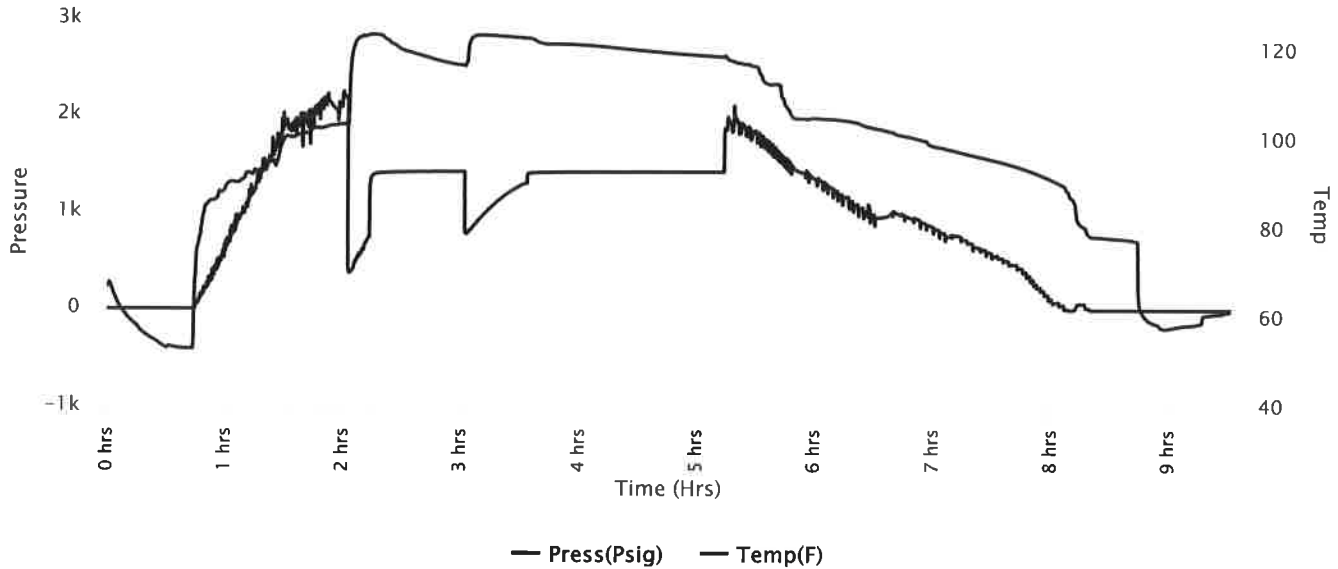
Electronic Volume Estimate:  
 3997'

1st Open  
 Minutes: 10  
 189.5" at 10 min

1st Close  
 Minutes: 45  
 3.7" at 45 min

2nd Open  
 Minutes: 30  
 390" at 30 min

2nd Close  
 Minutes: 90  
 0" at 90 min





**Company: Edison Operating Company, LLC**  
**Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
 County: STAFFORD  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 9  
 Elevation: 1912 GL  
 Field Name: St John  
 Pool: Pool Ext  
 Job Number: 83

**DATE**  
 November  
**14**  
 2017

**DST #3 Formation: Arbuckle Test Interval: 4022 - 4097' Total Depth: 4097'**  
 Time On: 02:48 11/14 Time Off: 12:04 11/14  
 Time On Bottom: 04:47 11/14 Time Off Bottom: 07:42 11/14

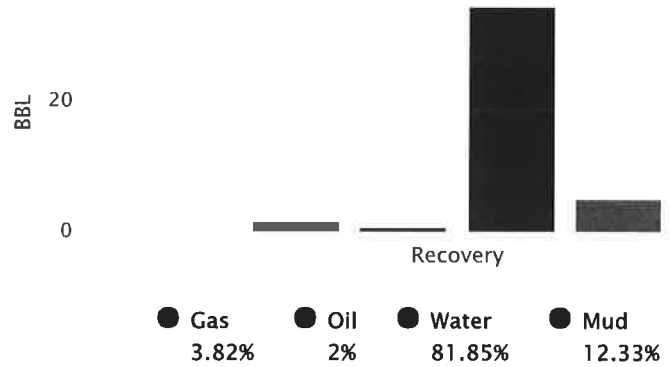
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1612	22.93876	SLOCSLGCSLMCW	3	2	80	15
1323	18.82629	SLOCSLGCSLMCW	5	2	88	5
63	0.89649	SLOCM	0	2	0	98

Total Recovered: 2998 ft  
 Total Barrels Recovered: 42.66154

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure 2047 PSI  
 Initial Flow 377 to 748 PSI  
**Initial Closed in Pressure 1425 PSI**  
 Final Flow Pressure 799 to 1307 PSI  
**Final Closed in Pressure 1430 PSI**  
 Final Hydrostatic Pressure 1994 PSI  
 Temperature 124 °F  
 Pressure Change Initial Close / Final Close 0.0 %



**Company: Edison Operating  
Company, LLC  
Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

<b>DATE</b> November <b>14</b> 2017
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**DST #3      Formation: Arbuckle      Test Interval: 4022 - 4097'      Total Depth: 4097'**

Time On: 02:48 11/14      Time Off: 12:04 11/14  
Time On Bottom: 04:47 11/14      Time Off Bottom: 07:42 11/14

**REMARKS:**

Initial Flow: 2 in. blow. BOB in 1 min.  
Initial Shut-in: 3 3/4 in. blow back.  
Final Flow: 3 in. blow. BOB in 45 secs.  
Final Shut-in: No blow back.

Tool Sample: 5% oil, 85% water, 10% mud

Ph: 7

RW: .25 @ 55 degrees F

Chlorides: 30,000 ppm



**Company: Edison Operating  
Company, LLC  
Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

<p><b>DATE</b> November <b>14</b> 2017</p>
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**DST #3      Formation: Arbuckle      Test Interval: 4022 - 4097'      Total Depth: 4097'**

Time On: 02:48 11/14      Time Off: 12:04 11/14  
Time On Bottom: 04:47 11/14      Time Off Bottom: 07:42 11/14

**Down Hole Makeup**

<b>Heads Up:</b> 7.37 FT	<b>Packer 1:</b> 4016.72 FT
<b>Drill Pipe:</b> 3996.52 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4021.72 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4006.14 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4090 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Total Anchor:** 75.28

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 2 FT  
*4 1/2-FH*

**Change Over:** 1 FT

**Drill Pipe: (in anchor):** 62.28 FT  
*ID-3 1/2*

**Change Over:** 1 FT

**Perforations: (below):** 8 FT  
*4 1/2-FH*



**Company: Edison Operating  
Company, LLC  
Lease: Allender #1-26**

SEC: 26 TWN: 24S RNG: 13W  
County: STAFFORD  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 9  
Elevation: 1912 GL  
Field Name: St John  
Pool: Pool Ext  
Job Number: 83

<b>DATE</b> November <b>14</b> 2017
--

**DST #3    Formation: Arbuckle    Test Interval: 4022 - 4097'    Total Depth: 4097'**

Time On: 02:48 11/14    Time Off: 12:04 11/14  
Time On Bottom: 04:47 11/14    Time Off Bottom: 07:42 11/14

**Mud Properties**

**Mud Type:** Chemical    **Weight:** 9.2    **Viscosity:** 46    **Filtrate:** 11.6    **Chlorides:** 9,000 ppm



Well Name: Allender #1-26  
 Surface Location: Sec. 26 - T24S - R13W  
 Bottom Location: 15-185-240-01-0000  
 License Number: 34434  
 Spud Date: 11/6/2017  
 Region: State of Kansas  
 Drilling Completed: 11/14/2017  
 Time: 5:00 PM  
 Surface Coordinates: 378 FNL & 1174 FWL  
 Bottom Hole Coordinates: 1914.00H  
 K.B. Elevation: 1923.00H  
 Logged Interval: 2900.00H To: 4175.00H  
 Total Depth: 4175.00H  
 Formation: Arbuckle  
 Drilling Fluid Type: Chemical/Fresh Water Gel

**OPERATOR**  
 Edison Operating Company LLC  
 Address: 8100 E 22nd St. North  
 Building 1900  
 Wichita, KS 67226  
 Contact Geologist: David WIS/550  
 Contact Phone Nbr: 316.613.1544  
 Well Name: Allender #1-26  
 Location: Sec. 26 - T24S - R13W  
 License #: 34434  
 Pool: Allender  
 State: Kansas  
 Field: St. John  
 Country: USA

**LOGGED BY**  
 Edison Operating Company LLC  
 Address: 8100 E 22nd St. North  
 Building 1900  
 Wichita, KS 67226  
 Phone Nbr: 316.655.0550  
 Logged By: Geologist Name: Derek W. Patterson

**REMARKS**  
 After review of the geologic log, DST results, and open hole logs for the Allender #1-26, it was decided upon by operator to run 5 1/2" production casing for further evaluation of said well.  
 The well samples were saved, submitted, and will be available for review at the Kansas Geological Survey's Well Sample Library located in Wichita, KS.  
 Respectfully Submitted,  
*Derek W. Patterson*

**GENERAL INFORMATION**

Drilling Contractor: Southwind Drilling - Rig 99  
 Tool Pusher: Wes Pfaff  
 Daylight Driller: Derek Petz  
 Evening Driller: Rocky Rojas  
 Morning Driller: Travis Eise  
 Logging Company: Eli Wireline  
 Loggers: Gus Planenski  
 Engineers: Jason Whiting  
 Gas Detector: Bluestem Environmental  
 Engineer: Keith Reavis  
 Unit: 5259  
 Operational By: 1950'  
 Testing Company: Diamond Testing  
 Tester: Ricky Ray

Deviation Survey		Survey		Pipe Depth		Pipe Strap	
Depth	412'	Survey	11/14'	Depth	3622'	Pipe Strap	0.97' Long to Board
	3822'		3.4'				
	RTD - 4176'		3.4'				

Bit #	Size	Make	Bit Record	Serial Number	Depth In	Depth Out	Feet	Hours
1	12 1/4"	JZL	RR	RR	0'	442'	442'	4.5
2	7 7/8"	JZL	HCPZ	1547893	442'	3622'	3180'	71.75
3	7 7/8"	Varel	HC29	1701621	3622'	4175'	553'	38.00

**Surface Casing**  
 11.6.2017 Ran 10 joints of new 2 3/8" 5.8" surface casing, tallying 431', set @ 442' KB. Cemented with 30' 30s 60/40 Poz. 3% cc, 2% gel, 1# 4 #/ss Rocell. Cement did circulate. Plug down @ 009' hrs 11.17. By Basic Energy Services.

**Production Casing**  
 11.15.2017 Ran 97 joints of new 5 1/2" production casing, tallying 4172.83', set @ 4173' KB. Cemented with 17' 5s 30s AA-2. Cement did circulate. Plug down @ 1245 hrs 11.15. By Basic Energy Services.

**DAILY DRILLING REPORT**

Date: 0700 Hrs Depth: 3822' Previous 24 Hours of Operations:

11.11.2017 3822' Drilling and connections open. Phenothiazine based. Geologist Derek W. Patterson on location 0930 hrs 11.07. RT set Bloodhound and test systems. Drilling and connections TOPEKA, Heebner, Toronto, Douglas, and into Brown Line. Short trip @ 3542'. 1920 hrs 11.07. Conduct 15 stand short trip, CTCH. Resume drilling following short trip. 2115 hrs 11.10.17. Drilling and connections Brown Line and into Lansing-Kansas City. CFS @ 3590' (LKC B). Resume drilling and connections Lansing-KC. CFS @ 3622' (LKC D/E). Rig down during circulation to repair leak in pump line. Made 319' over past 24 hrs of operations. WOB: 32k RPM: 80 PP: 1100 SPM: 60 DMC: \$1,420.73 CMC: \$7,887.26

11.12.2017 3834' Replace line pack. Shows warrant test. TTH with bit, CTCH drop survey; set up for DST #1. 0800 hrs 11.11.17. Rig up tester, make up tool, TTH with bit. Conduct DST #1, test successful. TTH with new bit, run in premix, CTCH. Resume drilling following DST #1, 0245 hrs 11.17. Drilling Lansing-KC. CFS @ 3834' (LKC F). Shows warrant test. CTCH, TOH for DST #2. 2315 hrs 11.17. Make up tool, TTH with bit, Conducting DST #2. Made 12' over past 24 hrs of operations. WOB: 32k RPM: 80 PP: 1100 SPM: 60 DMC: \$1,478.08 CMC: \$5,767.88

11.13.2017 3868' Conducting DST #2; test successful. TTH with bit, CTCH. Resume drilling following DST #2, 1050 hrs 11.12.17. Drilling and connections Lansing-KC. CFS @ 3727' (LKC G). Resume drilling and connections Lansing-KC. CFS @ 3727' (LKC G). Shows warrant test. CTCH, TOH for DST #3, 0130 hrs 11.14.17. Make up tool, TTH with bit, Conducting DST #3. Made 229' over past 24 hrs of operations. WOB: 32k RPM: 80 PP: 920 SPM: 60 DMC: \$1,989.69 CMC: \$3,988.57

11.14.2017 4097' Drilling and connections Marmaton, Kinderhook, Viola, Simpson, and into Arbuckle. CFS @ 4094' (Arb). CFS 4097' (Arb). Shows warrant test. CTCH, TOH for DST #3, 0130 hrs 11.14.17. Make up tool, TTH with bit, Conducting DST #3. Made 229' over past 24 hrs of operations. WOB: 32k RPM: 80 PP: 920 SPM: 60 DMC: \$1,989.69 CMC: \$3,988.57

11.15.2017 RTD - 4175' LTD - 4176' Conducting DST #3; test successful. TTH with bit, CTCH. Resume drilling following DST #3, 1400 hrs 11.14.17. Drilling and connections above to RTD @ 4175'. RTD reached 1745 hrs 11.14.17. CTCH, drop survey, TOH for open hole logging operations, 1930 hrs 11.14.17. Rig up loggers, connections open hole logging operations, 2100 hrs 11.15.17. Open hole logging operations completed, 0130 hrs 11.15.17. Decision made to run 5 1/2" production casing for further evaluation of the Arbuckle and multiple Lansing-Kansas City zones. Geologist Derek W. Patterson released and off location, 0000 hrs 11.14.17. Made 78' over past 24 hrs of operations. WOB: 32k RPM: 80 PP: 920 SPM: 60 DMC: \$3,860.42 CMC: \$7,967.76

**WELL COMPARISON SHEET**

Edison Operating	Root Energy	Marlin Drilling Co.	Commerical
Well: W2 NW MW	Well: W2 NW MW	Well: NE NE NE	Well: SW SW SW
Log: 1925-183	Log: 1925-183	Log: 1925-183	Log: 1925-183
Sample: 1925-183	Sample: 1925-183	Sample: 1925-183	Sample: 1925-183
Log: 1925-183	Log: 1925-183	Log: 1925-183	Log: 1925-183

**ROCK TYPES**

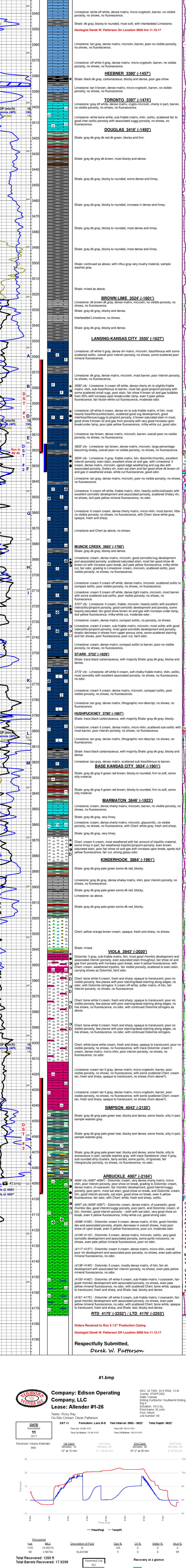
Color	Rock Type	Color	Rock Type
Light Blue	LMS1	Light Green	SHALE GRN
Dark Blue	LMS2	Dark Green	SHALE GRN
Light Purple	LMS3	Light Yellow	SHALE YEL
Dark Purple	LMS4	Dark Yellow	SHALE YEL
Light Red	SHALE BRN	Light Blue	SHALE RED
Dark Red	SHALE BRN	Dark Blue	SHALE TEA
Light Green	SHALE GRN	Dark Green	SHALE GRN

**ACCESSORIES**

Symbol	Description
Blue line	STRINGER
Red line	TEXTURE
Green line	MINERAL
Yellow line	FOSSIL
Purple line	MISC

**OTHER SYMBOLS**

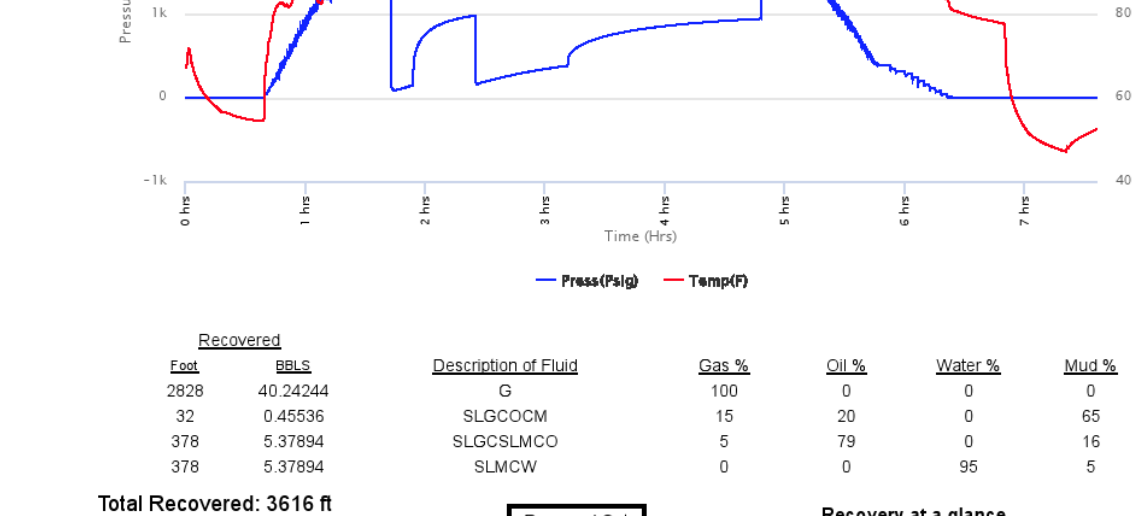
Symbol	Description
Blue square	DST
Red square	DST
Green square	DST
Yellow square	DST
Purple square	DST



Respectfully Submitted,  
*Derek W. Patterson*

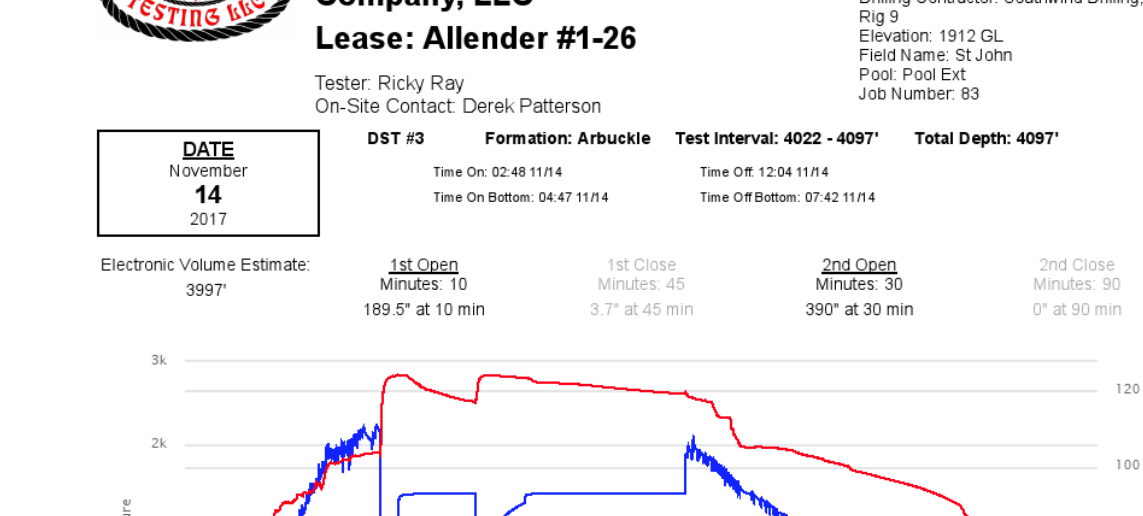
#1.bmp

**EDISON OPERATING COMPANY, LLC**  
 Lease: Allender #1-26  
 Tester: Ricky Ray  
 On-Site Contact: Derek Patterson



#2.bmp

**EDISON OPERATING COMPANY, LLC**  
 Lease: Allender #1-26  
 Tester: Ricky Ray  
 On-Site Contact: Derek Patterson



#3.bmp

**EDISON OPERATING COMPANY, LLC**  
 Lease: Allender #1-26  
 Tester: Ricky Ray  
 On-Site Contact: Derek Patterson

