

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. 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	DORSETT 1-22
Doc ID	1457270

All Electric Logs Run

DUCP
DI
MICRO
SONIC



DRILL STEM TEST REPORT

Prepared For: **EdisonOperating Company LLC**

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

ATTN: Adam Kennedy

Dorsett #1-22

22-30s-18w

Start Date: 2019.03.29 @ 16:35:00

End Date: 2019.03.30 @ 03:01:00

Job Ticket #: 01355 DST #: 1

Eagle Testers
1309 Patton Road Great Bend, Kansas 67530
620-791-7394

Printed: 2019.03.30 @ 03:25:11



DRILL STEM TEST REPORT

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 100
Wichita, Kansas 67226

Dorsett #1-22

ATTN: Adam Kennedy

Job Ticket: 01355

DST#: 1

Test Start: 2019.03.29 @ 16:35:00

GENERAL INFORMATION:

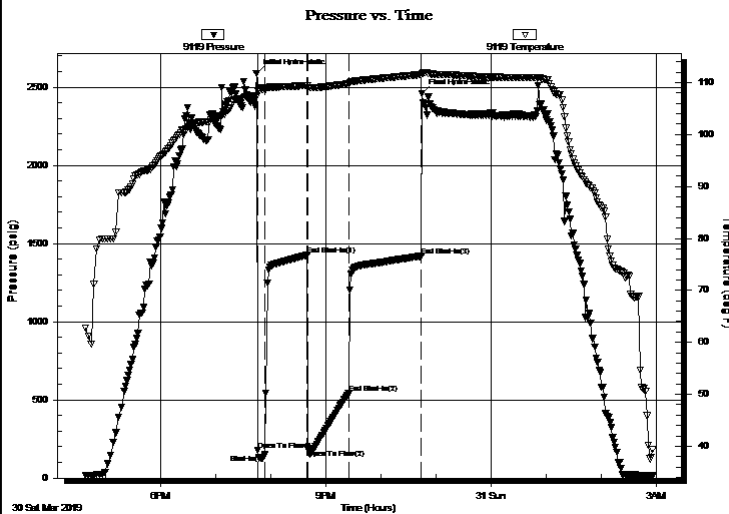
Formation: **Altamont**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:48:00
 Time Test Ended: 03:01:00
 Interval: **4865.00 ft (KB) To 4891.00 ft (KB) (TVD)**
 Total Depth: 4891.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 1
 Reference Elevations: 2210.00 ft (KB)
 2199.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 9119

Inside

Press@RunDepth: 1418.86 psig @ 4886.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2019.03.30 End Date: 2019.03.31 Last Calib.: 2019.03.30
 Start Time: 16:35:00 End Time: 02:56:29 Time On Btm: 2019.03.30 @ 19:44:30
 Time Off Btm: 2019.03.30 @ 22:44:30

TEST COMMENT: 1st Opening 10 Minutes strong blow bottom of the bucket in less than 1 minute
 1st Shut-In 45 Minutes Good blow back
 2nd Opening 45 Minutes Strong blow gas to surface see gas flow report
 2nd Shut-In 90 Minutes good blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2589.32	107.34	Initial Hydro-static
1	176.41	108.44	Open To Flow (1)
9	150.81	108.65	Shut-In(1)
55	1425.57	109.46	End Shut-In(1)
56	187.37	109.06	Open To Flow (2)
100	540.66	109.76	End Shut-In(2)
180	1418.86	111.55	End Shut-In(3)
180	2458.00	111.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	DRILLING MUD	0.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	19.25	53.38
Last Gas Rate	0.25	7.00	33.95
Max. Gas Rate	0.25	19.25	53.38



DRILL STEM TEST REPORT

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 100
Wichita, Kansas 67226

Dorsett #1-22

Job Ticket: 01355

DST#: 1

ATTN: Adam Kennedy

Test Start: 2019.03.29 @ 16:35:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:48:00

Time Test Ended: 03:01:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 1

Interval: **4865.00 ft (KB) To 4891.00 ft (KB) (TVD)**

Reference Elevations: 2210.00 ft (KB)

Total Depth: 4891.00 ft (KB) (TVD)

2199.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: **9139** Outside

Press@RunDepth: 1417.02 psig @ 4886.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2019.03.30

End Date:

2019.03.31

Last Calib.:

2019.03.30

Start Time: 16:35:00

End Time:

02:56:29

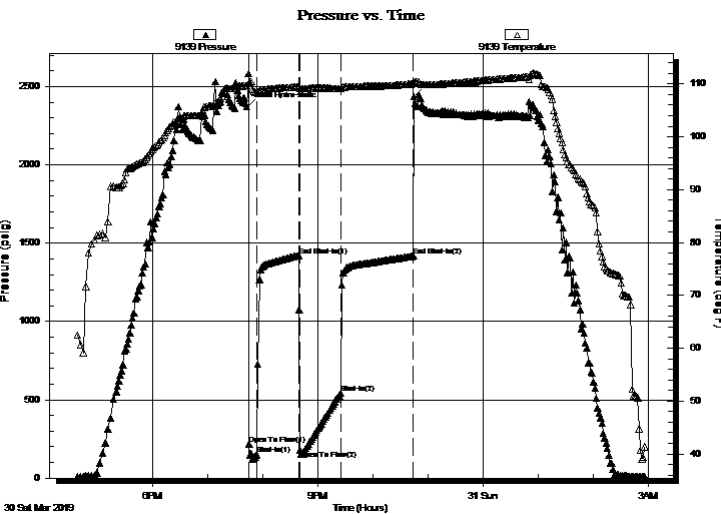
Time On Btm:

2019.03.30 @ 19:43:00

Time Off Btm:

2019.03.30 @ 22:44:30

TEST COMMENT: 1st Opening 10 Minutes strong blow bottom of the bucket in less than 1 minute
1st Shut-In 45 Minutes Good blow back
2nd Opening 45 Minutes Strong blow gas to surface see gas flow report
2nd Shut-In 90 Minutes good blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2371.23	109.73	Initial Hydro-static
2	214.46	110.16	Open To Flow (1)
11	151.24	108.41	Shut-In(1)
56	1422.44	109.48	End Shut-In(1)
58	176.16	109.13	Open To Flow (2)
102	541.52	109.18	Shut-In(2)
181	1417.02	110.04	End Shut-In(2)
182	2435.01	110.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	DRILLING MUD	0.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	19.25	53.38
Last Gas Rate	0.25	7.00	33.95
Max. Gas Rate	0.25	19.25	53.38



DRILL STEM TEST REPORT

TOOL DIAGRAM

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

Dorsett #1-22

ATTN: Adam Kennedy

Job Ticket: 01355

DST#: 1

Test Start: 2019.03.29 @ 16:35:00

Tool Information

Drill Pipe:	Length: 4850.00 ft	Diameter: 3.80 inches	Volume: 68.03 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 68.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4865.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4840.00	
Hydraulic tool	5.00			4845.00	
Jars	5.00			4850.00	
Safety Joint	5.00			4855.00	
Packer	5.00			4860.00	30.00 Bottom Of Top Packer
Packer	5.00		Fluid	4865.00	
Anchor	21.00			4886.00	
Recorder	0.00	9119	Inside	4886.00	
Recorder	0.00	9139	Outside	4886.00	
Bullnose	5.00			4891.00	26.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

Dorsett #1-22

Job Ticket: 01355

DST#: 1

ATTN: Adam Kennedy

Test Start: 2019.03.29 @ 16:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	DRILLING MUD	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

Dorsett #1-22

Job Ticket: 01355

DST#: 1

ATTN: Adam Kennedy

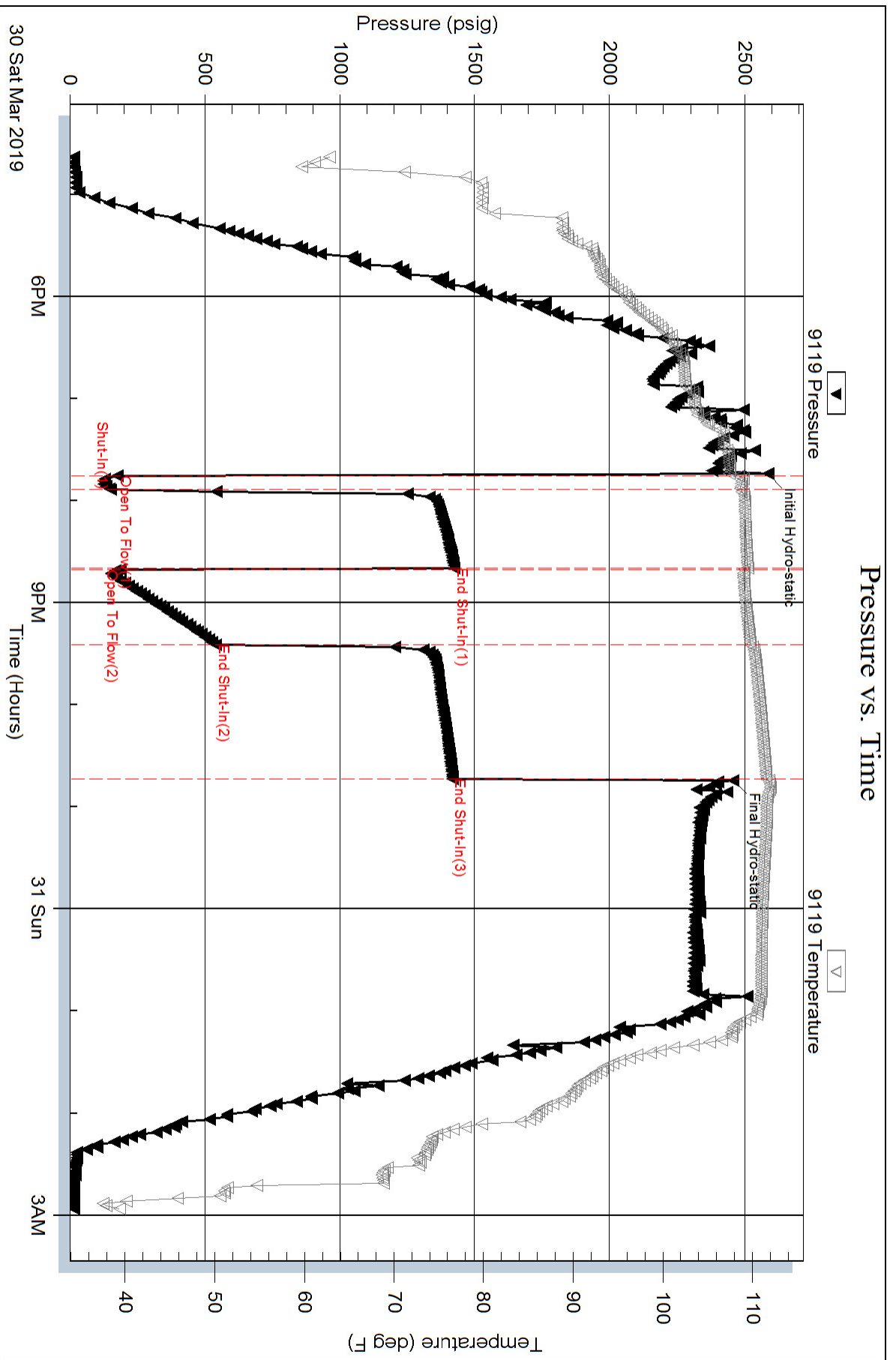
Test Start: 2019.03.29 @ 16:35:00

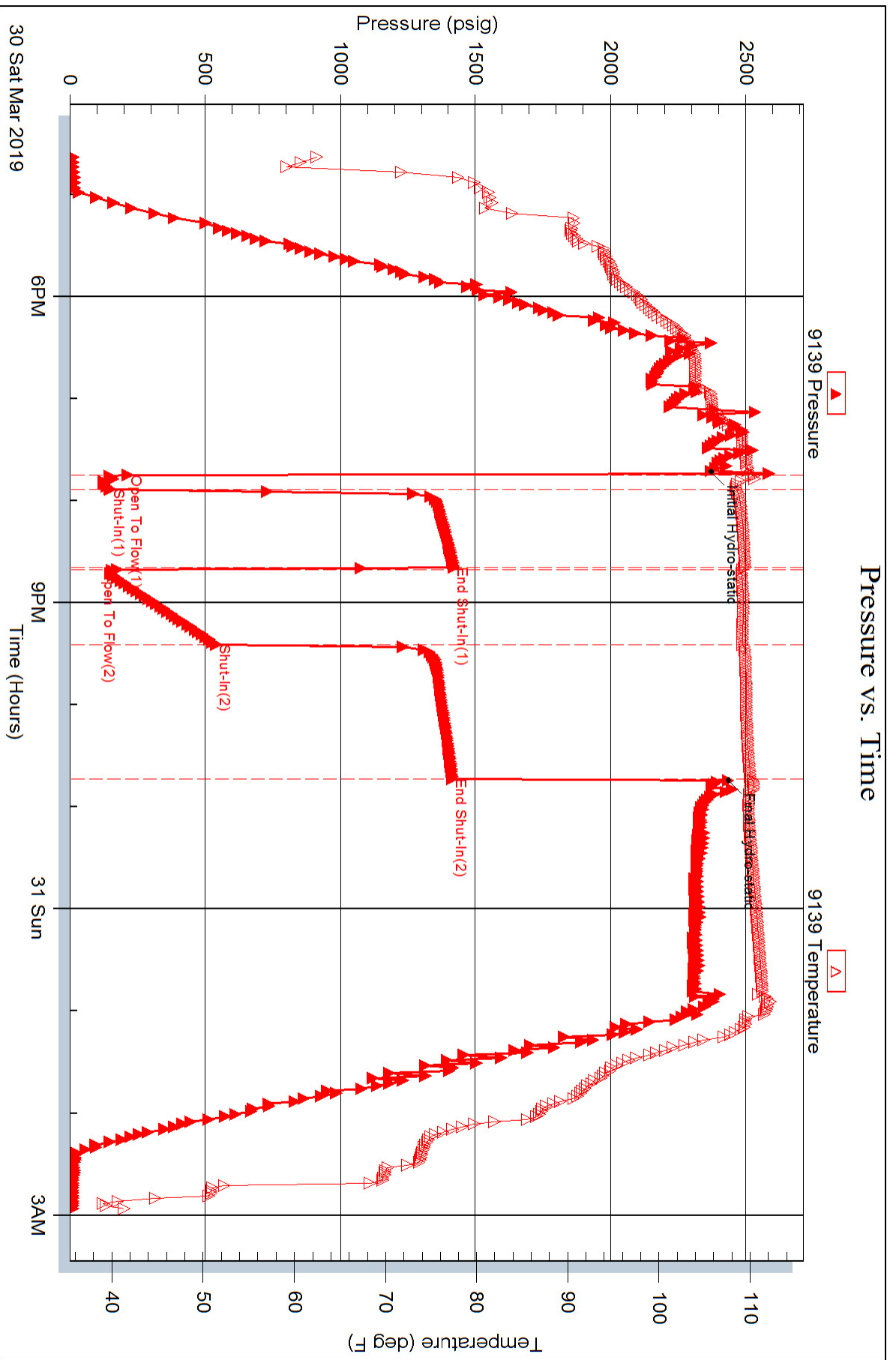
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.25	19.25	53.38
2	20	0.25	15.25	47.04
2	30	0.25	11.50	41.09
2	40	0.25	7.00	33.95







DRILL STEM TEST REPORT

Prepared For: **EdisonOperating Company LLC**

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

ATTN: Adam Kennedy

Dorsett #1-22

22-30s-18w

Start Date: 2019.03.31 @ 06:25:00

End Date: 2019.03.31 @ 14:55:00

Job Ticket #: 01356 DST #: 2

Eagle Testers
1309 Patton Road Great Bend, Kansas 67530
620-791-7394

Printed: 2019.03.31 @ 15:25:31



DRILL STEM TEST REPORT

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

Dorsett #1-22

ATTN: Adam Kennedy

Job Ticket: 01356

DST#: 2

Test Start: 2019.03.31 @ 06:25:00

GENERAL INFORMATION:

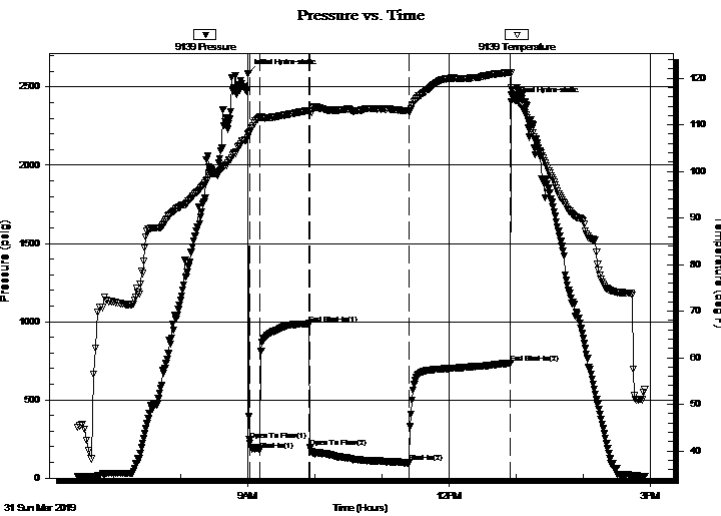
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:00:00
 Time Test Ended: 14:55:00
 Interval: **5033.00 ft (KB) To 5057.00 ft (KB) (TVD)**
 Total Depth: 5057.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 1
 Reference Elevations: 2210.00 ft (KB)
 2199.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 9139

Outside

Press@RunDepth: 736.05 psig @ 5052.00 ft (KB)
 Start Date: 2019.03.31 End Date: 2019.03.31
 Start Time: 06:25:00 End Time: 14:55:00
 Capacity: 5000.00 psig
 Last Calib.: 2019.03.31
 Time On Btm: 2019.03.31 @ 09:00:30
 Time Off Btm: 2019.03.31 @ 12:55:30

TEST COMMENT: 1st Opening 10 Minutes strong blow gas to surface in 6 minutes
 1st Shut-In 45 Minutes Fair blow back
 2nd Opening 90 Minutes Strong blow see gas flow report
 2nd Shut-In 90 Minutes Fair blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2588.43	108.14	Initial Hydro-static
1	244.50	108.28	Open To Flow (1)
11	179.07	111.67	Shut-In(1)
55	987.35	113.10	End Shut-In(1)
56	199.13	112.85	Open To Flow (2)
144	98.29	112.81	Shut-In(2)
235	736.05	121.24	End Shut-In(2)
235	2407.09	121.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Gassy mud	1.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	9.20	678.47
Last Gas Rate	0.63	5.33	211.07
Max. Gas Rate	0.75	15.82	472.03



DRILL STEM TEST REPORT

TOOL DIAGRAM

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

Dorsett #1-22

ATTN: Adam Kennedy

Job Ticket: 01356

DST#: 2

Test Start: 2019.03.31 @ 06:25:00

Tool Information

Drill Pipe:	Length: 5010.00 ft	Diameter: 3.80 inches	Volume: 70.28 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	78000.00 lb
			<u>Total Volume: 70.28 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	5033.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	54.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5008.00	
Hydraulic tool	5.00			5013.00	
Jars	5.00			5018.00	
Safety Joint	5.00			5023.00	
Packer	5.00			5028.00	30.00 Bottom Of Top Packer
Packer	5.00		Fluid	5033.00	
Anchor	19.00			5052.00	
Recorder	0.00	9119	Inside	5052.00	
Recorder	0.00	9139	Outside	5052.00	
Bullnose	5.00			5057.00	24.00 Bottom Packers & Anchor
Total Tool Length:	54.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

Dorsett #1-22

Job Ticket: 01356

DST#: 2

ATTN: Adam Kennedy

Test Start: 2019.03.31 @ 06:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 49.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	Gassy mud	1.403

Total Length: 100.00 ft Total Volume: 1.403 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

Dorsett #1-22

Job Ticket: 01356

DST#: 2

ATTN: Adam Kennedy

Test Start: 2019.03.31 @ 06:25:00

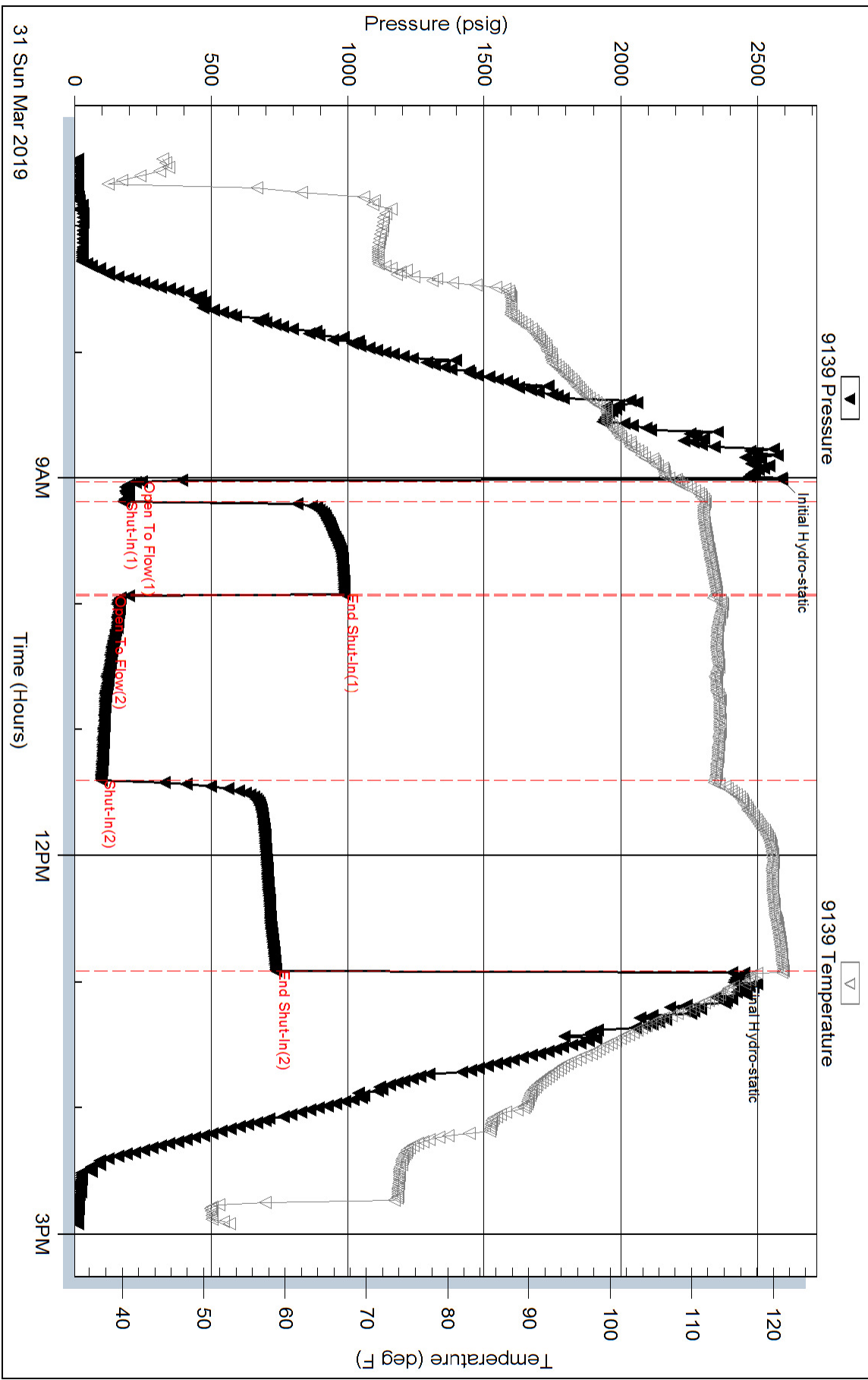
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	1.00	9.20	678.47
2	10	1.00	5.25	564.91
2	20	1.00	3.90	526.10
2	30	0.75	15.82	472.03
2	40	0.75	12.17	415.10
2	50	0.75	8.20	353.01
2	60	0.75	4.50	295.21
2	70	0.75	3.15	274.13
2	80	0.75	1.30	245.23
2	90	0.63	5.33	211.07

Pressure vs. Time





DRILL STEM TEST REPORT

Edison Operating Company LLC

22-30s-18w

8100 E. 22nd st n. bldg 1900
Wichita, Kansas 67226

Dorsett #1-22

Job Ticket: 01357

DST#: 3

ATTN: Adam Kennedy

Test Start: 2019.04.01 @ 12:42:00

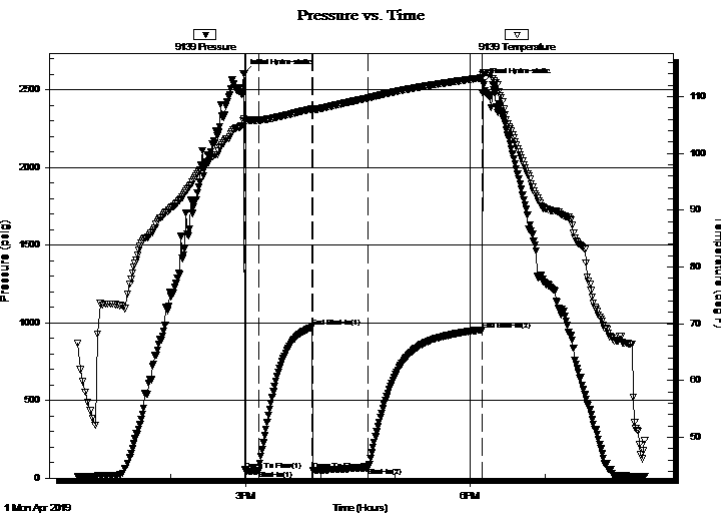
GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:58:00
 Time Test Ended: 00:00:00
 Interval: **506.00 ft (KB) To 5084.00 ft (KB) (TVD)**
 Total Depth: 5084.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 1
 Reference Elevations: 2210.00 ft (KB)
 2199.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 9139

Press@RunDepth: 954.65 psig @ ft (KB) Capacity: psig
 Start Date: 2019.04.01 End Date: 2019.04.01 Last Calib.: 1899.12.30
 Start Time: 12:42:00 End Time: 20:20:00 Time On Btm: 2019.04.01 @ 14:58:30
 Time Off Btm: 2019.04.01 @ 18:10:30

TEST COMMENT: 1st Opening 10 Minutes fair blow built to the bottom of the bucket in 4 minutes
 1st Shut-In 45 Minutes 3 inch blow back
 2nd opening 45 Minutes good blow bottom of the bucket in one minute
 2nd Shut-In 90 Minutes 3 inch blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2601.74	106.05	Initial Hydro-static
1	53.25	105.68	Open To Flow (1)
12	47.69	105.83	Shut-In(1)
55	970.91	107.85	End Shut-In(1)
56	49.20	107.67	Open To Flow (2)
100	66.81	109.74	Shut-In(2)
191	954.65	113.32	End Shut-In(2)
192	2544.90	114.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	mud w with a slight show of oil	0.90
0.00	1% Oil 80% Mud 10% Water	0.00
60.00	muddy water with a show of oil	1.34
0.00	4% Gas 1% Oil 50% Mud 45% Water	0.00
0.00	chlorides	0.00
0.00		0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



PAGE 1 of 1	CUST NO 1007020	YARD # 1718	INVOICE DATE 03/22/2019
INVOICE NUMBER 92935231			

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

J LEASE NAME Dorsett #1-22
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 T JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41166891			Net - 30 days	04/21/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 03/21/2019 to 03/21/2019</i>				
0041166891				
171817805A Cement-New Well Casing/Pi 03/21/2019				
13 3/8" Surface Casing				
A-Con' Blend	190.00	EA	10.44	1,983.60
Common Cement	175.00	EA	9.28	1,624.00
92 Lb. - Celloflake	1.00	LB	197.32	197.32
867 Lb. - Calcium Chloride	1.00	LB	528.00	528.00
Top Rubber Cement Plug, 13 3/8"	1.00	EA	272.60	272.60
"Unit Mileage Chg (PU, cars one way)"	50.00	MI	2.61	130.50
Heavy Equipment Mileage	100.00	MI	4.35	435.00
Proppant & Bulk Del. Chgs., per ton mil	860.00	EA	1.45	1,247.00
Depth Charge; 501'-1000'	1.00	EA	696.00	696.00
365 Sk.-Blending & Mixing Service Charge	1.00	BAG	296.50	296.50
"Service Supervisor, first 8 hrs on loc.	1.00	EA	101.50	101.50

Cement for 13 3/8" surface casing
9232
3/20 mg

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,512.02
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	0.00
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	7,512.02
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

77 M H
78

FIELD SERVICE TICKET
1718 17805 A

DATE _____ TICKET NO. _____

DATE OF JOB 3-21-19 DISTRICT Pratt		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 E.O. JOH OPERATING COMPANY		LEASE Dorsett				WELL NO. 1-22			
ADDRESS _____		COUNTY W. UWA		STATE KS					
CITY _____ STATE _____		SERVICE CREW MATIAN MAIQUAZ DIAZ							
AUTHORIZED BY _____		JOB TYPE: Z-42 13 3/8 SUREAL							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
27463	1					ARRIVED AT JOB	3-21	AM PM	10:00
21010	1.5					START OPERATION		AM PM	7:58
						FINISH OPERATION		AM PM	9:00
						RELEASED		AM PM	10:00
						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 [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	A-con blend	SM	190		3420 00
CP100C	COMMON CRT	SM	175		2800 00
CC102	CELLULOSIC	lb	92		340 40
CC109	CALCIUM CHLORIDE	lb	967		910 35
CF109	TUP RUBBER PLUG 13 3/8	ea	1		470 00
E100	P.V. M.I.S	mi	.50		225 00
E101	HEAVY CG M.I.S	mi	100		750 00
E113	PROP BULK DEL.	TM	860		2,150 00
CE201	DEPTH CHARGE 501-1000'	4h.	1		1,200 00
CE240	blend + mix	SM	365		511 00
S003	SUPERVISOR	ea	1		175 00

SUB TOTAL **12,951 75**

CHEMICAL / ACID DATA:			

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

TOTAL **7,512 02**

SERVICE REPRESENTATIVE MIKE MATTU	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY <u>X [Signature]</u>
--	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



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ENERGY SERVICES
 PRESSURE PUMPING & WIRELINE

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 P.O. Box 8613
 Pratt, Kansas 67124
 Phone 620-672-1201

FIELD SERVICE TICKET
1718 17305 A

DATE _____ TICKET NO. _____

DATE OF JOB	DISTRICT	NEW WELL <input 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				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						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

CHEMICAL / ACID DATA:			

SUB TOTAL		
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)



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1007020	1718	04/03/2019
INVOICE NUMBER			
92942923			

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 DORSETT 1-22
 O LOCATION
 B COUNTY KIOWA
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41168952	86779		Net - 30 days	05/03/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 04/02/2019 to 04/02/2019				
0041168952				
171817812A Cement-New Well Casing/Pi 04/02/2019				
5 1/2" PRODUCTION CASING				
AA2 Cement	175.00	SK	9.86	1,725.50
60/40 Poz	50.00	SK	6.96	348.00
C-41P	83.00	LB	2.32	192.56
Salt	881.00	LB	0.29	255.49
C-17	83.00	LB	11.60	962.80
875 LBS Gilsonite	1.00	LB	340.03	340.03
84 LBS Cement Gel	1.00	LB	12.18	12.18
Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA	208.50	208.50
Latch Down Plug & Baffle, 5 1/2" (Blue)	1.00	EA	232.00	232.00
Turbolizer, 5 1/2" (Blue)	10.00	EA	63.80	638.00
Mud Flush	500.00	GAL	0.87	435.00
CLAYMAX KCL SUBSTITUTE	6.00	LB	20.30	121.80
Light Vehicle Mileage	50.00	MI	2.61	130.50
Heavy Equipment Mileage	100.00	MI	4.35	435.00
Proppant and Bulk Delivery Charges	1.00	MI	750.38	750.38
Depth Charge, 5001-6000'	1.00	HR	1,670.40	1,670.40
Blending & Mixing Service Charge	1.00	SK	182.99	182.99
Plug Container Utilization Charge	1.00	EA	145.00	145.00
Service Supervisor	1.00	HR	101.50	101.50

*Cement For 5 1/2" CSN.
9245*

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,887.63
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	0.00
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	8,887.63
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



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ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

TTM 14
41

FIELD SERVICE TICKET
1718 17812 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>4-2-19</u> DISTRICT <u>Pratt</u>		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 <u>EPISON OPERATING COMPANY</u>		LEASE <u>DOS-75</u> WELL NO. <u>14</u>								
ADDRESS		COUNTY <u>Pratt</u> STATE <u>Ks</u>								
CITY STATE		SERVICE CREW <u>MUTTAI MUGIAN GILLEY</u>								
AUTHORIZED BY		JOB TYPE: <u>2-4" 5/8" LONG STRING</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>56730</u>	<u>1</u>						<u>4-2</u>			<u>12:30</u>
						ARRIVED AT JOB				<u>12:30</u>
						START OPERATION				<u>11:07</u>
<u>19918</u>	<u>0.5</u>					FINISH OPERATION				<u>11:58</u>
						RELEASED				<u>1:30</u>
						MILES FROM STATION TO WELL				<u>50</u>

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
CP105	AA-2 em	SA	175		2,975 00
CP103	60/40 P22	SA	50		600 00
CC 105 105	C-410	lb	83		332 00
CC 111	SALT	lb	881		440 50
CC 148	C-17	lb	83		1,660 00
CC 201	SILICON	lb	875		586 25
CC 202	C-17 GAL	lb	84		21 00
CF 1251	Auto Kill Fluid 5400 5/8"	ea	1		360 00
CF 607	Latch Down Plug + Battery 5/8"	ea	1		400 00
CF 1651	Turbidimeter 5/8"	ea	10		1,100 00
CC 151	Mud 1000	gal	400		750 00
C 704	Kel	gal	6		210 00
E 100	P.H. Meter	ea	50		225 00
E 104	Heavy eq. meter	ea	100		750 00
E 113	Pratt bulb dot	ea	518		1,293 75
C-206	Delta Charge Fluid - 6000	4hr	1		2,880 00
C-24	blow tank	SA	225		315 00
C-500	plug run	SA	1		250 00
S 005	Supervisor	ea	1		175 00
SUB TOTAL					15,323 50

CHEMICAL / ACID DATA:			

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

TOTAL 8,887 63

SERVICE REPRESENTATIVE <u>MIKE MUTTAI</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
---	--

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



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

TTMH
41

FIELD SERVICE TICKET
1718 17812 A

DATE _____ TICKET NO. _____

DATE OF JOB		DISTRICT		NEW WELL <input 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	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
			12		2975 00
					600 00
		16	85		332 00
		16	289		440 57
		15	85		1060 25
		10	575		586 25
		8	5		21 00
			1		36 00
			1		400 00
			10		1,100 00
					750 00
					210 00
					225 00
					750 00
					1,293 75
					2,880 00
					315 00
					250 00
					175 00
SUB TOTAL					16,323 50

CHEMICAL / ACID DATA:			

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

TOTAL
17,358 75

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

FIELD SERVICE ORDER NO.

Customer		Lease No.		Date	
Lease		Well #		4-2-19	
Field Order #	Station	Casing	Depth	County	State
Type Job	Formation			Legal Description	

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

Customer Representative	Station Manager	Treater
-------------------------	-----------------	---------

Service Units								
Driver Names								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00					17"
9:40					1.3, 5, 7, 11, 13, 14, 15
10:03					
11:07	400		20	5	
11:11	400		12	5	
11:14	400		6	5	
11:17	350		40	4.5	
11:20			4	6	
11:37	200			6	
11:50	250		92	6	
11:55	410		109	3	
11:55	150		111		

Well Name: Dorsett #1-22
Section: Sec. 22 - T30S - R18W
Surface Location: Sec. 22 - T30S - R18W
Bottom Location: Sec. 22 - T30S - R18W

License Number: 15-097-12851-0000
Spud Date: 3/20/2019
Region: Kiowa County
Drilling Completed: 4/1/2019
Surface Coordinates: 780' FN. & 780' FWL
Time: 3:00 PM

Bottom Hole Coordinates: 780' FN. & 780' FWL
Time: 2:25 PM

Ground Elevation: 2202.00ft
K.B. Elevation: 2202.00ft
Log Log Interval: 1' 1/4 deg
Total Depth: 5150.00ft
Formation: Mississippi
Drilling Fluid Type: Chemical/Fresh Water Gel

Company: Edison Operating Company LLC
Address: 8100 E. 22nd St. North, Building 1500, Wichita, KS 67226
Contact Geologist: David Withrow
Contact Phone Nbr: 316.613.1544
Well Name: Dorsett #1-22
Section: Sec. 22 - T30S - R18W
APL: 15-097-12851-0000
Pool: Field: Alford
State: Kansas Country: USA

LOGGED BY
Company: Edison Operating Company LLC
Address: 8100 E. 22nd St. North, Building 1500, Wichita, KS 67226
Phone Nbr: 316.650.9677
Logged by: Geologist: Name: Adam T. Kennedy

REMARKS
After review of the geologic log, DST results, and the open hole logs for the Dorsett #1-22, it was decided upon by operator to run 5 1/2" production casing to further test the Altamont and Mississippian for commercial quantities of oil and gas.
Respectfully Submitted,
Adam T. Kennedy

GENERAL INFORMATION

Service Companies
Drilling Contractor: Southwind Rig #8
Tool Pusher: Dawn Robson
Daylight Driller: Rocky Rojas
Evening Driller: Richard Rickers
Morning Driller: Carlos Martinez
Gas Detector: Bluestem Environmental
Engineer: Keith Reavis
Listed
Operational By: 2000

Deviation Survey
Depth 536'
3988'
5143'

Pipe Strap
Depth 3988'
Pipe Strap 1.42 LTB

Bit Record
Bit # Size Make Type Serial Number Depth In Depth Out Feet Hours
1 7 7/8 JZ PDC 2587 3988 2081 21
2 7 7/8 JZ PDC 3201 3988 2212 27.25
3 7 7/8 Smith P-27 HR 3587 3762 1181 46
4 7 7/8 JZ PDC 3201 5143 1381 21

Surface Casing
3.20.2019 Ran 12 joints of new 4 1/2" 13 3/8 casing, fully @ 518', set @ 532', used sacks of A-con, 3% cc, 14 1/2" casing, used 175 sacks of cement, 2% cc, 14 1/2" casing, cement circulated, by Basic, ticket #17808.

Production Casing
4.03.2019 Ran 121 joints of new 15 5/8" 5 1/2" casing, fully @ 518', set @ 518', used sacks of AK2, 30 sacks rat hole, 20 sacks mousehole, cement circulated by Basic, ticket #171817812A job complete @ 12:00 am 4.03.19.

DAILY DRILLING REPORT

Date: 3.27.19 4140' Geologist: Adam T. Kennedy on location @ 1300 hrs 3.27.19. Currently drilling ahead through ...
3.28.19 4538' Drilling and connections Douglas, Upper Lansing-Kansas City. Currently drilling ahead through ...
3.29.19 4857' Drilling and connections Mid-LKC through Base Kansas City. Currently drilling ahead through ...
3.30.19 4897' Drilling and connections Marmaton, Altamont. Shows warrant test, TOH for DST #1. Conduct ...
3.31.19 5057' Drilling and connections Pawnee, Cherokee, Mississippian. Shows warrant test, TOH for DST #2. ...
4.1.19 5084' Drilling and connections Mississippian. Shows warrant test, TOH for DST #3. Conduct DST, TH ...
4.2.19 5154'-LTD Drilling and connections Miss., rat hole ahead to 5150 RTD, 5153 LTD. RTD reached @ 1700 hrs ...

WELL COMPARISON

Well Comparison Table with columns for Edson Operating - Dorsett #1-22, Maurice Brown - Dorsett #1, and Edson Operating - Good Unit #1-19. Rows include formation, sample, log, and structural data.

ROCK TYPES

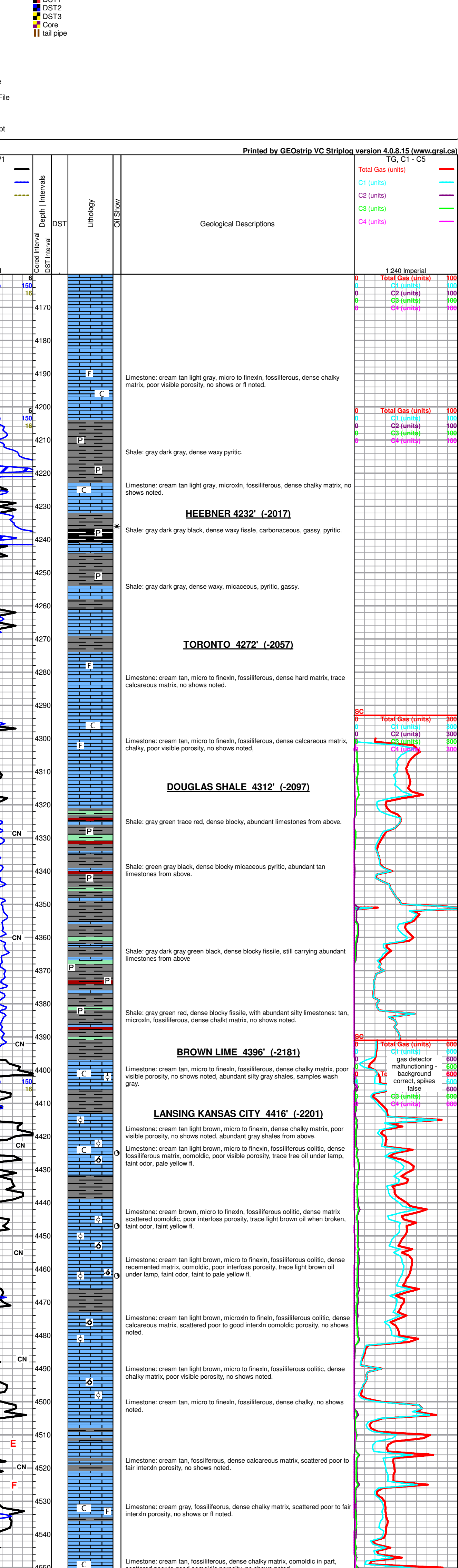
Legend for Rock Types: LMST1, LMST2, LMST4, SHALE GN, SHALE CAR, SHALE RED.

ACCESSORIES

Legend for Accessories: MINERAL, FOSSIL, TEXTURE, OTHER SYMBOLS.

OTHER SYMBOLS

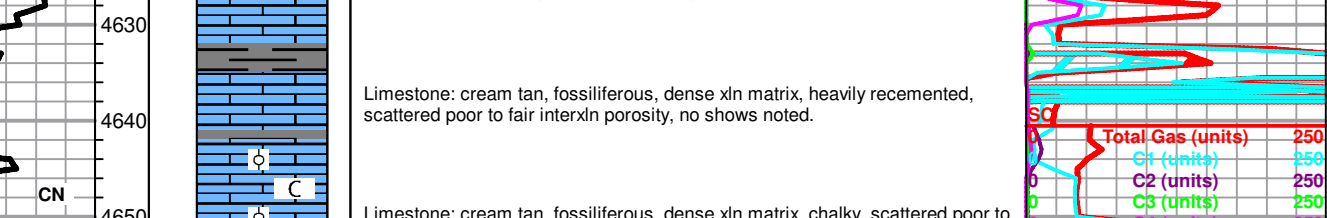
Detailed legend for Well Log symbols including DST, DST #, Gamma, and other logging parameters.



Printed by GeOSTAR VC Striplog version 4.0.8.15 (www.geostar.com)

DRILL STEM TEST REPORT

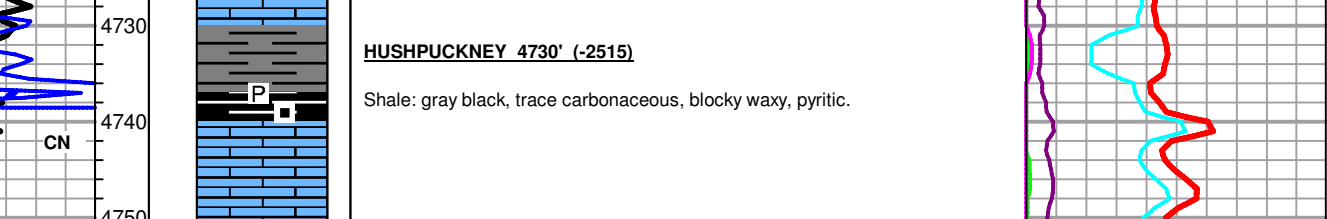
General Information for DST #1: Formation: Altamont, Well: 15-097-12851-0000, Depth: 4850.00 ft, Interval: 4850.00 ft (KB) to 4891.00 ft (TBV), Hole Diameter: 7.75 inches.



Flow Rates Table for DST #1: Flow Rate (gpm), Pressure (psi), Gas Rate (Mcf/Day), etc.

DRILL STEM TEST REPORT

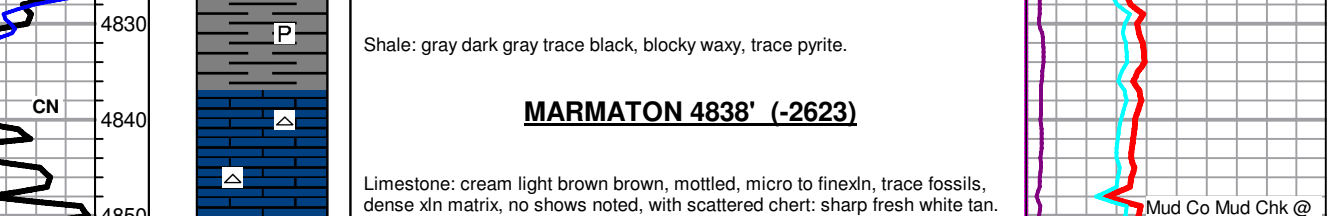
General Information for DST #2: Formation: Mississippi, Well: 15-097-12851-0000, Depth: 5056.00 ft, Interval: 5056.00 ft (KB) to 5077.00 ft (TBV), Hole Diameter: 7.75 inches.



Flow Rates Table for DST #2: Flow Rate (gpm), Pressure (psi), Gas Rate (Mcf/Day), etc.

DRILL STEM TEST REPORT

General Information for DST #3: Formation: Mississippian, Well: 15-097-12851-0000, Depth: 5066.00 ft, Interval: 5066.00 ft (KB) to 5084.00 ft (TBV), Hole Diameter: 7.75 inches.



Flow Rates Table for DST #3: Flow Rate (gpm), Pressure (psi), Gas Rate (Mcf/Day), etc.

EDISON OPERATING COMPANY, LLC
Dorsett #1-22
780' FNL & 780' FWL Sec 22-30S-18W
Kiowa Co., Kansas

2202' GL
2212' KB

Report - Run surface pipe

- 03-21-19 7:00 am – Drill ahead. MIRU Southwind Drilling Rig #8, start spudding @ 10:45 pm 3-20-19. Cut 536' of 17 1/4" hole w/ survey @ 536' – 1/2°. Run 12 jts of new 13-3/8" 48# csg, tallied 518.20', set @ 532'. RU Basic Energy, LLC, cement w/ 190 sx A-Con, then 175 sx Common 3% cc, 2% gel & 1/4 #/sx floccell. Cement did circulate w/ 20 sx to pit, plug down @ 9:00 pm 3-21-19. WOC 12 hrs, Will drill plug @ 9:00 am 3-22-19 then drill ahead.
- 04-02-19 7:00 am – Wait on completion rig. Cut 5140' of hole w/ 7-7/8" bit. RU ELI, ran Compensated Density/Neutron, Dual Induction, Sonic & Micro Logs - LTD 5143'. Ran 121 jts of new Pame LRW 5 1/2" 8rd 17# (drifted to 15.5#) J-55 R-3 LTC csg. Tallied 5137.75', set @ 5139', 4' off bottom. Shoe jt 14.38' w/ latch down @ 5124'. Ran marker jt @ 4713' & turbolizers/centrilizers @ 5124', 5036', 4948', 4861', 4773', 4713', 4627', 4543', 4459' & 4373'. RU Basic Energy, LLC. Cmt w/ 20 bbl 2% KCL, 12 bbl mud flush, then 175 sx AA-2 10% salt, 5% gypsum, .5% FL, .5% Defoamer & 5#/sx gilsonite. Had good circulation throughout. Landed plug @ 11:58 am 04/02/19 w/ 1500# - latch down held. Plug rat hole w/ 30 sx cement & mouse hole w/ 20 sx cement. Set slips & release rig @ 12:45 am 04/03/19. Equipment left on location, 2 jts talley 77.69'.