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 #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R East West
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: w/ sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of haid disposal in hadica offsite.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	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 Approved by: Date:					

KOLAR Document ID: 1710561

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate Protect Ca Plug Back	Top	Bottom	Type of Cement		# Sauks Oseu			Type and Percent Additives		
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion			
Operator	Edison Operating Company LLC			
Well Name	MCCANDLESS 15-4			
Doc ID	1710561			

All Electric Logs Run

DUCP
DUAL INDUCTION
MICRO
SONIC

Form	ACO1 - Well Completion			
Operator	Edison Operating Company LLC			
Well Name	MCCANDLESS 15-4			
Doc ID	1710561			

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	442	H-CON	400	2% cc 1/4# flocell



Edison Operating Comp Inc

8100 E 22nd St

Wichita, Ks. 67226 ATTN: Adam Kennedy

N Bldg 1900

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68495

Tester:

Unit No:

Capacity:

DST#: 1

Test Start: 2023.02.07 @ 13:56:08

Matt Smith

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:49:23 Time Test Ended: 20:49:53

Interval: 4014.00 ft (KB) To 4108.00 ft (KB) (TVD)

Total Depth: 4108.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Reference Elevations:

68

1938.00 ft (KB)

8000.00 psig

1926.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8788 Inside

Press@RunDepth: 929.19 psig @ 4015.00 ft (KB)

 Start Date:
 2023.02.07
 End Date:
 2023.02.07
 Last Calib.:
 2023.02.07

 Start Time:
 13:56:13
 End Time:
 20:49:52
 Time On Btm:
 2023.02.07 @ 16:41:53

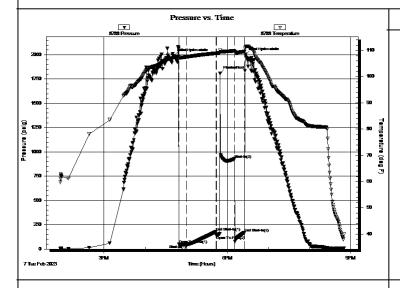
Time Off Btm: 2023.02.07 @ 18:26:08

TEST COMMENT: IF: Weak Blow . Built to 1 1/2", in the Bucket. (10)

ISI: No Blow . (45)

FF: Dead. Flushed tool after 5 mins. Dead. (25)

FSI: No Blow . Pulled Test. (15)



Ы	RESSUR	RE SUMMARY
ure	Temp	Annotation

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1991.18	107.35	Initial Hydro-static
8	51.70	107.14	Open To Flow (1)
18	47.02	107.50	Shut-In(1)
62	179.91	108.91	End Shut-In(1)
62	139.07	108.91	Open To Flow (2)
68	1809.66	110.05	Flushed tool
89	929.19	109.83	Shut-In(2)
103	169.34	109.53	End Shut-In(2)
105	2001.87	111.32	Final Hydro-static

Recovery

Description	Volume (bbl)
DM 100%m	0.04
	·

Gas Rates

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



Edison Operating Comp Inc

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68495

DST#:1

Wichita, Ks. 67226 ATTN: Adam Kennedy

8100 E 22nd St

N Bldg 1900

Test Start: 2023.02.07 @ 13:56:08

68

Reference Bevations:

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:49:23
Time Test Ended: 20:49:53

Interval: 4014.00 ft (KB) To 4108.00 ft (KB) (TVD)

Total Depth: 4108.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
Tester: Matt Smith

1938.00 ft (KB)

1926.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8737 Outside

 Press@RunDepth:
 psig @ 4015.00 ft (KB)
 Capacity:
 8000.00 psig

Time

 Start Date:
 2023.02.07
 End Date:
 2023.02.07
 Last Calib.:
 2023.02.07

 Start Time:
 13:56:50
 End Time:
 20:50:05
 Time On Btm:

Time Off Btm:

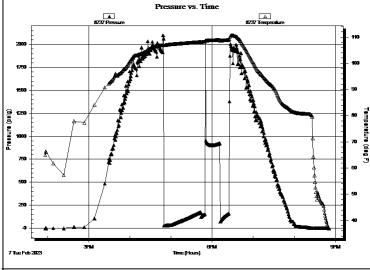
Unit No:

TEST COMMENT: IF: Weak Blow . Built to 1 1/2", in the Bucket. (10)

ISI: No Blow. (45)

FF: Dead. Flushed tool after 5 mins. Dead. (25)

FSI: No Blow . Pulled Test. (15)



	(Min.)	(psig)	(deg F)	
-				

PRESSURE SUMMARY

Pressure Temp Annotation

Recovery

Description	Volume (bbl)
DM 100%m	0.04
	·

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



FLUID SUMMARY

Edison Operating Comp Inc

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68495

DST#: 1

ATTN: Adam Kennedy

Test Start: 2023.02.07 @ 13:56:08

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: 6500 ppm

Viscosity: 58.00 sec/qt Cushion Volume: bbl

8100 E 22nd St

Wichita, Ks. 67226

N Bldg 1900

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 6500.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft Description Volume bbl

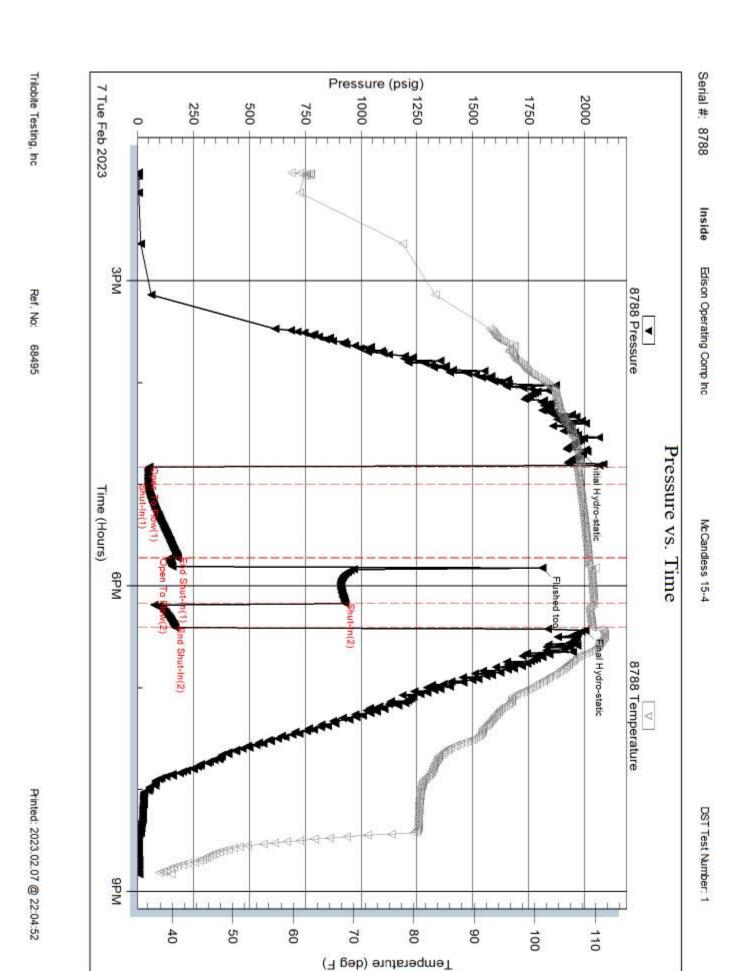
5.00 DM 100%m 0.038

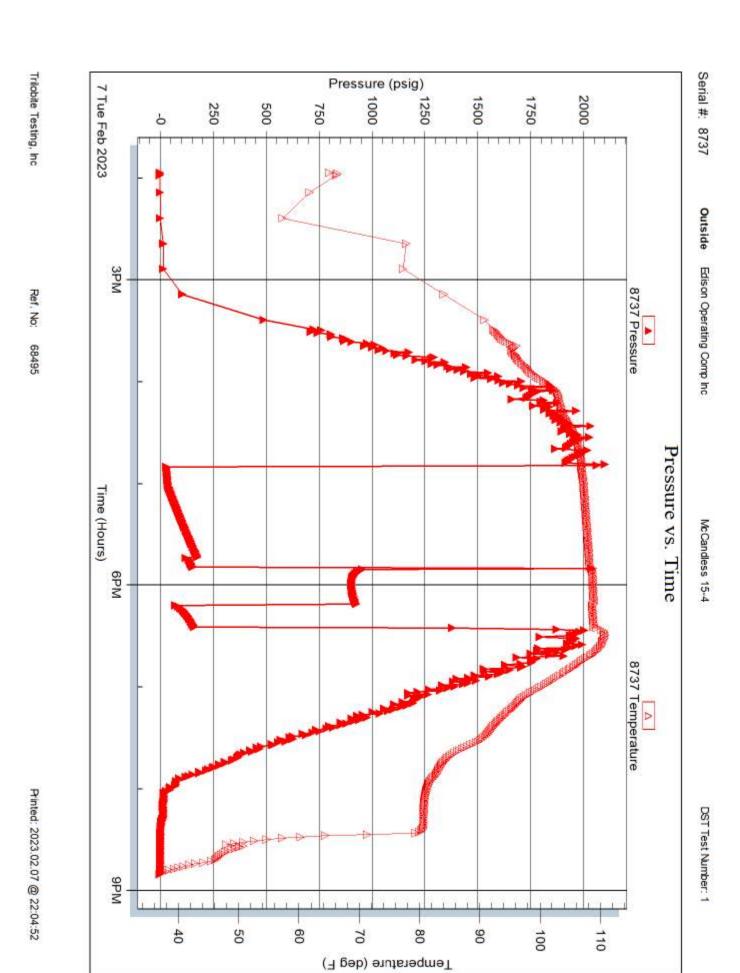
Total Length: 5.00 ft Total Volume: 0.038 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: None

Laboratory Name: Laboratory Location:

Recovery Comments:







Edison Operating Comp Inc

8100 E 22nd St

Wichita, Ks. 67226 ATTN: Adam Kennedy

N Bldg 1900

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68496

Tester:

Unit No:

DST#: 2

Test Start: 2023.02.08 @ 09:46:11

Matt Smith

68

GENERAL INFORMATION:

Formation: Simpson Sand

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 12:01:11
Time Test Ended: 17:39:41

Interval: 4160.00 ft (KB) To 4205.00 ft (KB) (TVD)

Total Depth: 4205.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1938.00 ft (KB)

1926.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8737 Outside

Press@RunDepth: 89.01 psig @ 4161.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2023.02.08
 End Date:
 2023.02.08
 Last Calib.:
 2023.02.08

 Start Time:
 09:46:26
 End Time:
 17:39:41
 Time On Btm:
 2023.02.08 @ 12:00:56

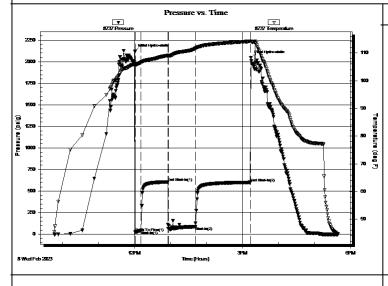
 Time Off Btm:
 2023.02.08 @ 15:13:56

TEST COMMENT: IF: Weak Blow . Built to 2 1/2", in the Bucket. (10)

ISI: No Blow. (45)

FF: Weak Blow . Built to 4 1/4". (45)

FSI: No Blow . (90)



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2117.71	106.12	Initial Hydro-static
1	23.10	105.17	Open To Flow (1)
10	44.79	106.58	Shut-In(1)
	606 10	400.00	Final Chart In (4)

PRESSURE SUMMARY

55 | 606.19 | 109.09 | End Shut-In(1) 56 | 66.70 | 108.96 | Open To Flow (2) 101 | 89.01 | 111.63 | Shut-In(2) 193 | 601.59 | 114.22 | End Shut-In(2) 193 | 2046.16 | 114.26 | Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)	
60.00	GOSWCM 1%g 2%w 97%m	0.46	
60.00	GVSOWCM 1%g 3%o 1%w 95%m	0.46	
20.00	GOSM 1%g 99%m	0.28	
0.00	40' GIP 100%g	0.00	
* Recovery from multiple tests			

Gas Rates

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



Edison Operating Comp Inc

8100 E 22nd St

Wichita, Ks. 67226 ATTN: Adam Kennedy

N Bldg 1900

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68496

DST#: 2

_ . . .

Test Start: 2023.02.08 @ 09:46:11

GENERAL INFORMATION:

Formation: Simpson Sand

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:01:11 Tester: Matt Smith
Time Test Ended: 17:39:41 Unit No: 68

Interval: 4160.00 ft (KB) To 4205.00 ft (KB) (TVD)

Total Depth: 4205.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1938.00 ft (KB)

Test Type: Conventional Bottom Hole (Reset)

1926.00 ft (CF) KB to GR/CF: 12.00 ft

Serial #: 8788 Inside

 Press@RunDepth:
 psig
 @
 4161.00 ft (KB)
 Capacity:
 8000.00 psig

 Start Date:
 2023.02.08
 End Date:
 2023.02.08
 Last Calib.:
 2023.02.08

 Start Time:
 09:46:59
 End Time:
 17:40:23
 Time On Btm:
 2023.02.08 @ 12:00:54

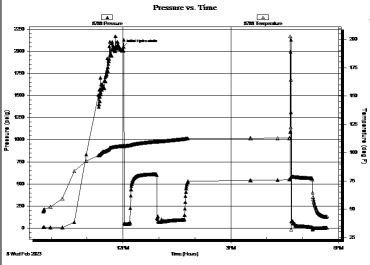
Time Off Btm:

TEST COMMENT: IF: Weak Blow . Built to 2 1/2", in the Bucket. (10)

ISI: No Blow . (45)

FF: Weak Blow . Built to 4 1/4". (45)

FSI: No Blow . (90)



Pl	RESSUR	RE SUMMARY
	_	A 1 1'

	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2050.58	106.04	Initial Hydro-static
4				
Temperature (deg F)				
refure				
(d e g				
9				

Recovery

Length (ft)	Description	Volume (bbl)		
60.00	GOSWCM 1%g 2%w 97%m	0.46		
60.00	GVSOWCM 1%g 3%o 1%w 95%m	0.46		
20.00	GOSM 1%g 99%m 0.28			
0.00	40' GIP 100%g 0.00			
* Recovery from multiple tests				

Gas Rates

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



FLUID SUMMARY

Edison Operating Comp Inc

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68496

DST#: 2

ATTN: Adam Kennedy

Wichita, Ks. 67226

8100 E 22nd St

N Bldg 1900

Test Start: 2023.02.08 @ 09:46:11

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: 6000 ppm

Viscosity: 58.00 sec/qt Cushion Volume: bbl

Water Loss: 8.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 6500.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOSWCM 1%g 2%w 97%m	0.457
60.00	GVSOWCM 1%g 3%o 1%w 95%m	0.457
20.00	GOSM 1%g 99%m	0.281
0.00	40' GIP 100%g	0.000

Total Length: 140.00 ft Total Volume: 1.195 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: None

Laboratory Name: Laboratory Location:

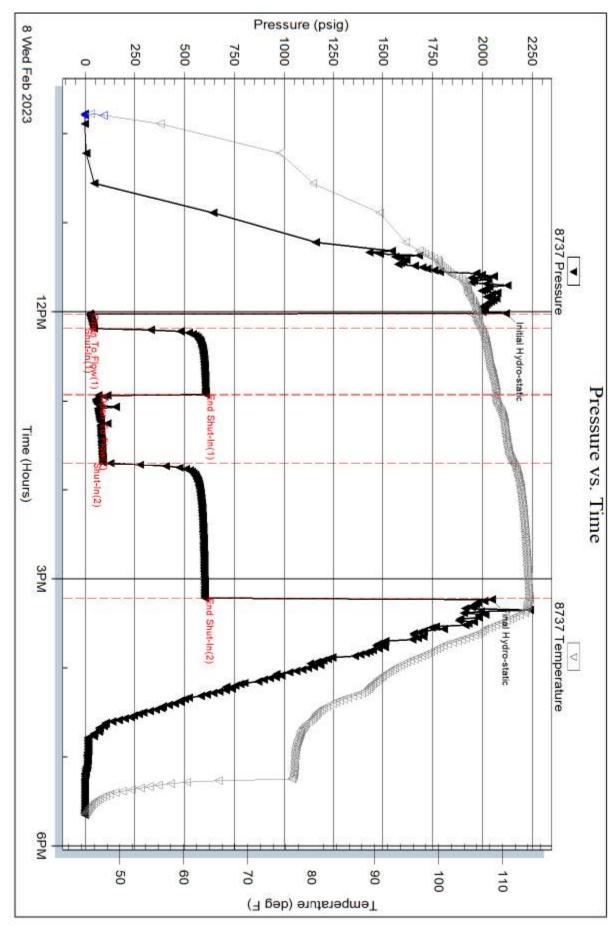
Recovery Comments:

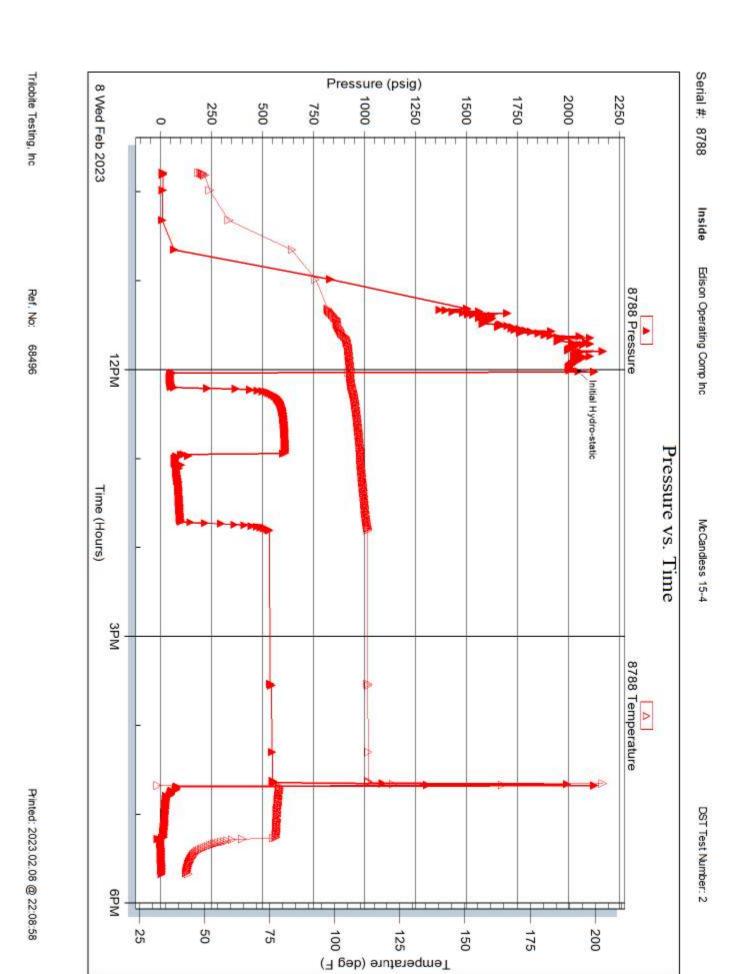
Printed: 2023.02.08 @ 22:08:58

Serial #: 8737

Outside









Edison Operating Comp Inc

8100 E 22nd St

Wichita, Ks. 67226 ATTN: Adam Kennedy

N Bldg 1900

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68497

DST#: 3

1926.00 ft (CF)

Test Start: 2023.02.09 @ 03:00:46

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 05:12:31 Tester: Matt Smith
Time Test Ended: 09:24:01 Unit No: 68

Interval: 4232.00 ft (KB) To 4242.00 ft (KB) (TVD) Reference ⊟evations: 1938.00 ft (KB)

Total Depth: 4242.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8788 Inside

Press@RunDepth: 90.68 psig @ 4233.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2023.02.09
 End Date:
 2023.02.09
 Last Calib.:
 2023.02.09

 Start Time:
 03:00:51
 End Time:
 09:24:00
 Time On Btm:
 2023.02.09 @ 05:09:46

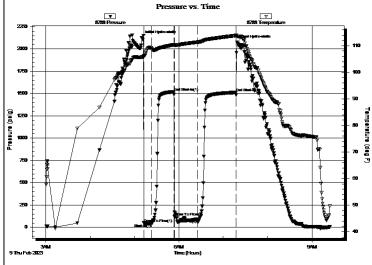
 Time Off Btm:
 2023.02.09 @ 07:18:46

TEST COMMENT: IF: Weak Blow . Built to 2 1/2". (10)

ISI: No Blow. (30)

FF: Fair Blow . Built to 8 3/4". (30)

FSI: No Blow . (45)



	PRESSURE SUMMARY			
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2124.43	105.59	Initial Hydro-static
	3	50.24	105.80	Open To Flow (1)
	14	41.71	108.89	Shut-In(1)
	44	1519.65	110.35	End Shut-In(1)
	45	118.07	110.17	Open To Flow (2)
	75	90.68	111.35	Shut-In(2)
,	128	1512.38	113.81	End Shut-In(2)
,	129	2073.84	113.52	Final Hydro-static

DDECCLIDE CLIMMADY

Recovery

Length (ft)	Description	Volume (bbl)	
60.00 GHOCM 20%g 10%o 70%m		0.46	
2.00 GHOCM 1%g 20%o 79%m 0.02		0.02	
0.00	310' GIP 100%g	0.00	
* Recovery from multiple tests			

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



Edison Operating Comp Inc

8100 E 22nd St

Wichita, Ks. 67226 ATTN: Adam Kennedy

N Bldg 1900

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68497

DST#: 3

1926.00 ft (CF)

Test Start: 2023.02.09 @ 03:00:46

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 05:12:31 Tester: Matt Smith
Time Test Ended: 09:24:01 Unit No: 68

Interval: 4232.00 ft (KB) To 4242.00 ft (KB) (TVD) Reference ⊟evations: 1938.00 ft (KB)

Total Depth: 4242.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8737 Outside

 Press@RunDepth:
 psig
 @
 4233.00 ft (KB)
 Capacity:
 8000.00 psig

 Start Date:
 2023.02.09
 End Date:
 2023.02.09
 Last Calib.:
 2023.02.09

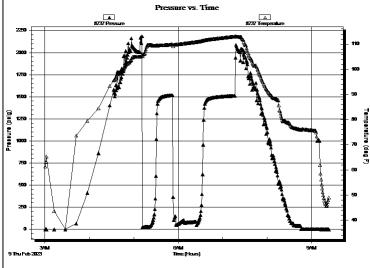
Start Time: 03:00:45 End Time: 09:23:45 Time On Btm: Time Off Btm:

TEST COMMENT: IF: Weak Blow . Built to 2 1/2". (10)

ISI: No Blow. (30)

FF: Fair Blow . Built to 8 3/4". (30)

FSI: No Blow . (45)



PRESSURE S	UMMARY
------------	--------

	Time	Pressure	Temp	Annotation
•	(Min.)	(psig)	(deg F)	
•				
Temperature (deg F)				
ē				
6				
Ĵ				

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GHOCM 20%g 10%o 70%m	0.46
2.00	GHOCM 1%g 20%o 79%m	0.02
0.00	310' GIP 100%g	0.00
* Recovery from mul	tiple tests	

Gas Rates

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



FLUID SUMMARY

DST#: 3

Edison Operating Comp Inc

ATTN: Adam Kennedy

15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68497 Wichita, Ks. 67226

Test Start: 2023.02.09 @ 03:00:46

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: Cushion Length: ft Water Salinity: 6000 ppm 9.00 lb/gal

Viscosity: 63.00 sec/qt Cushion Volume: bbl

8100 E 22nd St

N Bldg 1900

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 6000.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GHOCM 20%g 10%o 70%m	0.457
2.00	GHOCM 1%g 20%o 79%m	0.015
0.00	310' GIP 100%g	0.000

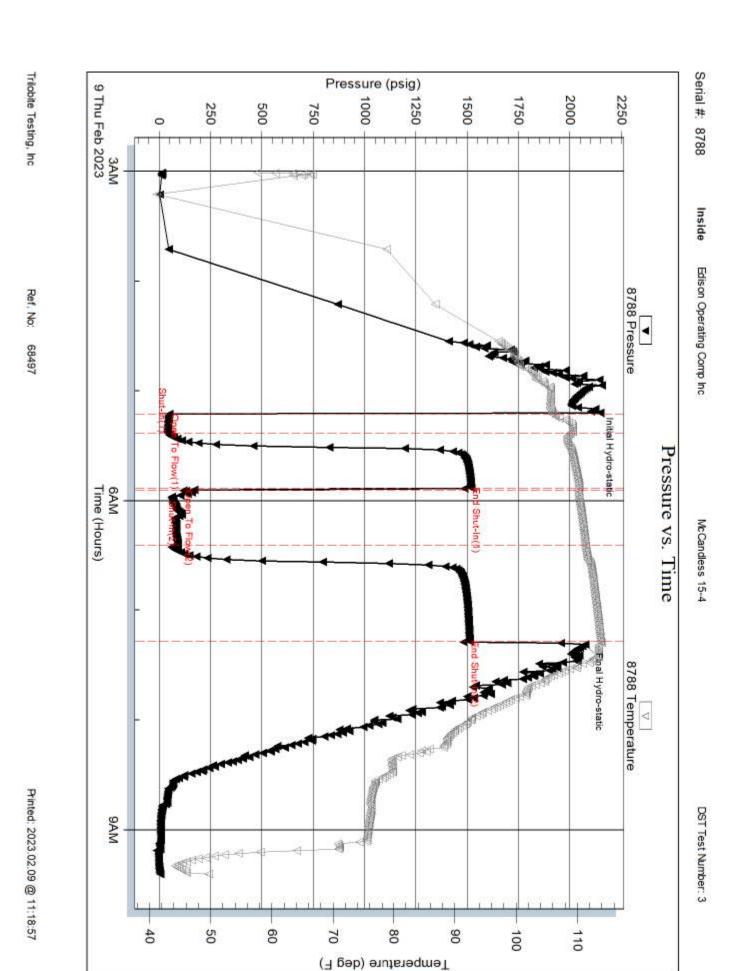
Total Length: 62.00 ft Total Volume: 0.472 bbl

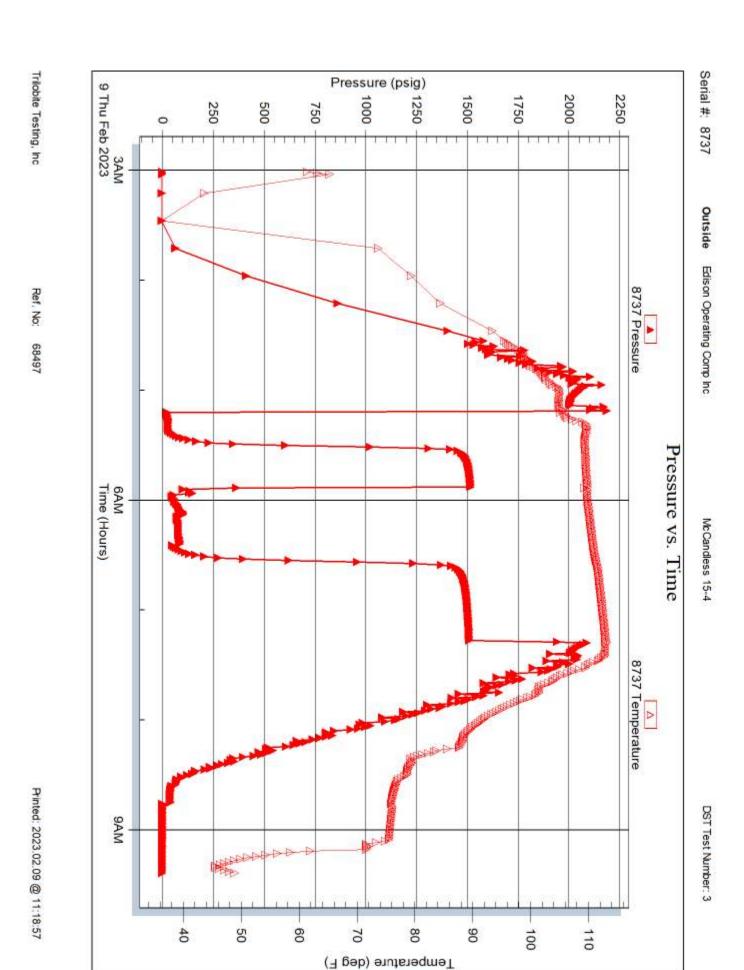
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: None

Laboratory Name: Laboratory Location:

Recovery Comments: 310 Feet of Gas in Pipe.

Trilobite Testing, Inc Ref. No: 68497 Printed: 2023.02.09 @ 11:18:57







Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

EDISON OPERATING COLLC 8100 E 22ND ST N **BUILDING 1900** WICHITA, KS 67226

Invoice Date: 2/10/2023 Invoice #: 0366456 Lease Name: Mccandless Well #: 15-4 County: Stafford, Ks Job Number: WP3940

Pratt

District:

Date/Description	HRS/QTY	Rate	Total	
Plug	0.000	0.000	0.00	
H-Plug	220.000	14.000	3,080.00	
Light Eq Mileage	20.000	2.000	40.00	
Heavy Eq Mileage	40.000	4.000	160.00	
Ton Mileage Minimum	JEV 40.000 1.000	300.000	300.00	
Cement Blending & Mixing Deoth Charge 4001'-5000'		1.400	308.00	
Depth Charge 4001'-5000'	1.000	2,500.000	2,500.00	
Cement Data Acquisition	1.000	250.000	250.00	
Service Supervisor	1.000	275.000	275.00	
Charles	•			

6,913.00 Net Invoice 409.90 Sales Tax:

7,322.90 Total

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice. SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the

WE APPRECIATE YOUR BUSINESS!

well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

Hurricane Services, Inc. 250 N. Water St., Suite #200 Wichita, KS 67202



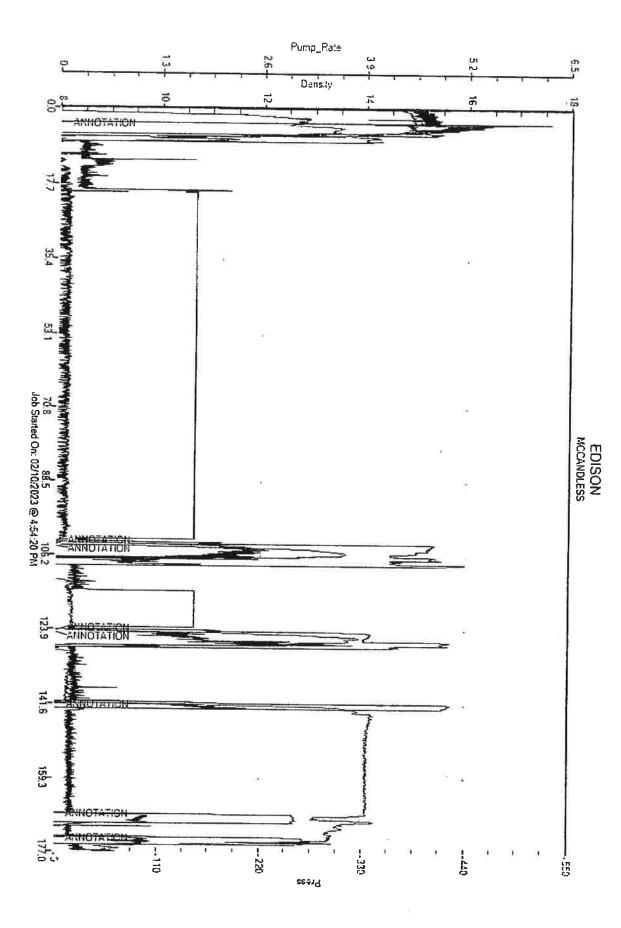
Customer	EDISON OPERA	TING	Lease & Well #	MCANDLESS 15-	4			Date		2/10/2023	
Service District	PRATT		County & State	STAFFORD KS	Legals S/T/R	15-25	S-13W	Job ≠		1.550	
Job Type	PLUG	9 PROD	ואו ם	□ SWD	New Well?	2 YES	□ No	Ficket#	-	WP3940	
Equipment#	Driver			Job Safety An	alysis - A Discus	sion of Hazards	& Safety Pr			111 0340	
912	MATTAL	Hard hat		☐ Gloves	-	□ Lockout/Tag	-	O Warning Sign	s & Flannino		
181/521	CLIFTON	■ H2S Monitor		@ Eye Protection		Required Per		□ Fall Protection			
526/256	JULIAN	Safety Footwe	ır	C Respiratory Prot	ection	O Slip/Trip/Fall	! Hazards	☐ Specific Job S		ectations	
		FRC/Protective	Clothing	☐ Additional Chem	nical/Acid PPE	□ Overhead Ha		☐ Muster Point			
		G Hearing Protec	tion	☐ Fire Extinguisher		□ Additional co	oncems or is:	sues noted below			
					Cor	nments					_
Product/ Service Cade		Dosc	ription		Unit of Measure	Quantity		V		Mar A	
CP055	H-Plug A				sack	220.00			7.7		nount
W015	Light Equipment M	lileage			m)	20.00	 	1			\$40.0
MD10	Heavy Equipment	Mileage			mi	40.00			†	-	\$160.0
M025	Ton Mileage - Mini	mum			each	1.00					\$300.0
C050	Cement Blending &	Mixing Service			sack	220.00					\$308.0
0015	Depth Charge: 400	1'-5000'			job	1.00					,500.00
035	Cement Data Acqu	isition			job	1.00					\$250,0
R051	Service Supervisor	f			day	1.00					\$275.0
										-	
					411.22						
											-31
·											
										11=311030-2	
										*	
			700						=		
Custo	mer Section: On th	ne foliovany scale no	av vaoild you rate l	rumiuane Services Ir	nc 7				Net:	\$6,	913.00
						Total Taxable	\$.	Tax Rate:			\leq
		Will Rely is it you will a second of the sec		HSI to a colleague?		used on new wells	to be sales to miles on the love to make a	x exempt. customer provided determination if	Sale Tax:	1	
						HSI Represe		Mike Matta		a 6,	913.00
ERMS; Cash in advan	ice unless Humicane S	Services Inc. (HSI) has	approved credit rule	r to sale. Credit terms	of sale for appropriat	ercounts are total	leve's a distant				
	interest on the balance istomer hereby agrees										

Isolate, cash of advance unless increase Services Inc. (HSI) has approved credit prior to stale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 14% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discount previously applied in artiving at the invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices qualed are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or royalties and started price adjustments. Actual charges may vary depending upon time, equipment, and material utilizately required to perform these services. Any discount is based on 30 days not payment terms or cash. <u>DISCLAIMER NOTICE</u>: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no alphibity for advice or recommendations made concerning the results from the use of any product or services. The information presented is a best estimate of the accust results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is no location performance. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Humicane has been provided accurate well known to the future product or services.

w	
X	CUSTOMER AUTHORIZATION SIGNATUR
	OCCIONENTACINONIZATION SIGNATUR



CEMENT	ITRE	ATMEN	IT REP	ORT												
		EDISON		ATING	Well:	MCANDL	ESS 15-4	Ticke	WP39	40						
City,	States	ST JOH	NKS '		County:	STAFF	ORD KS	Date	2/10/20)23						
Fiel	d Rep:			¥í	S-T-R:	15-25	S-13W	Service	PLUC	3						
Dow	nhote	Informati	on		Calculated S	hurn, lord	0									
Hote	e Size:		in	8	Blend:	H-PLUG	8		culated Slurry - Tail							
Hole I	Depth:	-	n		Weight:			Bland								
Casing			In	•	Water / Sx:	13.8 ppg 6.9 gal/sx	Š.	Weight								
Casing (Depth:		ft		Yield:	1,43 ft ³ /sx	10	Water / Sx								
Tubing /	Linar:		In		Annular Bbls / Ft.;	bbs / ft.		Yintd								
	Depth:	-	ft	50	Depth:	n ,		Annular Bbls / Ft.								
Taol / Pa	acker:			(≰)	-		10	Depth								
	Depth:		ft		Annular Volume: Excess:	0.0 bbls		Annular Volume								
Displace			bbis		Total Slurry:	56.0 bbts		Excess								
			STAGE	TOTAL	Total Sacks:	220 sx		Total Slurry								
TIME	RATE	PSI	BBLs	BBLs	REMARKS	220 88		Total Sacks	#01V/01 sx							
3:45 PM				·	ON LOCATION			15.000								
					1ST PLUG AT 4231'			3.000								
5:00 PM	4.2	400.0	15.0	15.0	PUMP 15 BBL WATER	e entre e		· · · · · · · · · · · · · · · · · · ·								
5:03 PM	4.4	400.0	13.0	28.0	MIX 50 SKS H-PLUG		57 1									
6:06 PM	4.0	170.0	5.0	33.0	PUMP 6 BBL WATER			(5)								
5:09 PM	7.0	225.0	45.0	78.0	PUMP 42 BBL MUD											
				78.0	2ND PLUG AT 840'											
6:43 PM	4.0	160.0	5.0	83.0	PUMP 5 BBL WATER	TER .										
6:45 PM	4.8	200.0	13.0	96.0	MIX 50 SK\$ H-PLUG											
6:49 PM	4.5	120,0	7.0	103.0	PUMP 7 BBL WATER											
-				103,0	3RD PLUG AT 480'		*									
7:04 PM	4.0	100.0	3.0	108.0	PUMP 3 BBL WATER											
5:05 PM	4.0	120.0	13.0	119.0	MIX 50 SKS H-PLUG											
5:08 PM	4.0	70,0	1.5	122.5	PUMP 3,5 BBL WATER											
7.42 040	40		-	122.5	4TH PLUG AT 60'											
7:22 PM	4.0	40.0	5.0	127.5	MIX 20 SKS H-PLUG											
7:49 PM	2.0	75.0	7.0	127.5	CEMENT TO SURFACE											
7:54 PM		25.0	7.0	134.5	MIX 30 SKS H-PLUG FOR											
7.0% FRO	2.0	25.0	5.0	139.5	MIX 20 SKS H-PLUG FOR	ROUSE HOLE		×								
	-	-		139.5												
			-	139.6												
	\neg			139.6	IOB COMBI ETE TUANI	VOLU	•									
				139.6	JOB COMPLETE, THANK MIKE MATTAL.	TOU	3.0									
	\neg			139.5	AUSTIN & KENNYAZO	- W.		-								
				139.6	ASSTIT & RENTI AZU	104		20,000,000,000								
	\neg			139.5					· · · · · · · · · · · · · · · · · · ·							
		CREW			UNIT	740	U.V.—12	SUMMAR	Υ							
Ceme	enter:	MATT	AL		912	Average	Rate	Average Pressure	Total Fluid							
Pump Oper		CLIFT			181/521	4.1 6		158 psi	140 bbls							
	Ik #1:	JULIA			526/256		1	pai	140 0013							
Bul	lk #2:			3												





Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

EDISON OPERATING CO LLC 8100 E 22ND ST N **BUILDING 1900** WICHITA, KS 67226

Invoice Date: 2/2/2023 0366318 Invoice #: Lease Name: Mccandless Well #: 15-4 (New) Stafford, Ks County: Job Number: WP3897 District: Pratt

Date/Description		HRS/QTY	Rate	Total
Surface		0.000	0.000	0.00
H-CON		200.000	25.000	5,000.00
Cement Class A		200.000	19.000	3,800.00
Calcium Chloride		564.000	0.750	423.00
Cello Flake	^	55.000	1.750	96.25
8 5/8" Top rubber plug	SUPER CE	1.000	175.000	175.00
Light Eq Mileage	<u> </u>	20.000	2.000	40.00
Heavy Eq Mileage	53	40.000	4.000	160.00
Ton Mileage	્રીક	376.000	1.500	564.00
Cement Blending & Mixing	81	400.000	1.400	560.00
Depth Charge 0'-500'	65° 1	1.000	1,000.000	1,000.00
Cement Data Acquisition	, , , , ,	1.000	250.000	250.00
Cement Plug Container	as ar	1.000	250.000	250.00
Service Supervisor	CEMENT 925	1.000	275.000	275.00

Total	12,593.25

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



Customer	Edison Operating (Company	Lease & Well #	McCandless 15-4				Date	2/:	2/2023				
Service District	Pratt Kansas		County & State	Stafford.Kansas	Legals S/T/R	15-25s-	13w	Job #						
Job Type	Surface	2 2ROD	□ INJ	□ SWD	New Well?	☑ YES	[] No	Ticket #	W	3897				
Equipment #	Driver			Job Safety And	ılysis - A Discuss	sion of Hazards & Safety Procedures								
916	M Brungardt	☑ Hard hat		Gloves		□ Lockout/Tage	ut	□ Warning Signs	& Flagging					
176/522	R Osborn	□ H2S Monitor		☑ Eye Protection	□ Required Permits □ Fall Protection									
526/256	K Julian	☑ Safety Footwear		☐ Respiratory Profe	☑ Slip/Trip/Fall	Hazards	□ Specific Job Se	quence/Exper	:tations					
		☐ FRC/Profective (Clothing	☐ Additional Chem	ical/Acid PPE	☑ Overhead Ha:	ærds	☑ Muster Paint/N	Aedical Locali	ons				
		☐ Hearing Protect	nei	☐ Fire Extinguisher	☐ Additional co	icerns or issu	es noted below							
					Con	nments								
Product/ Service Code		Donne	letter.		Unit of Measure	Quantity				Not Amount				
6p/15	H-Con	Descr	iption		sack	200.00		-		Net Amount \$5,000.00				
cp010	Class A Cement				sack	208/00				\$3,800.00				
to 100	Calcium Chloride				lb	584 (10				\$423.00				
ະນ120	Cello-flake				lb	35.10				\$96.25				
fu265	8 5/8" Rubber Plug				ea	1.00		\$17						
n:015	Light Equipment Mil	eage			mi	20:00				\$40.00				
mð1ú	Heavy Equipment M	Mileage			mi	40.00				\$160.00				
m020	Ton Mileage				tm	376:00				\$564.00				
c060	Cement Blending &	Mixing Service			sack	400.00				\$560.00				
d010	Depth Charge: 0'-50	00,			job	1 06		\$1,						
c 635	Cement Data Acquis	silion			job	1:00								
c050	Cement Plug Contai	iner			Тор	1,00				\$250.00				
rvā1	Service Supervisor				day	1.00				\$275,00				
V														
							1							
Custo	mer Section: On In	a following scale by	www.nald.voit.rate	Humicane Soruces	or 2				Made	642 503 25				
						Total Taxable	\$ -	Tax Rate:	Net:	\$12,593.25				
Ва	sed on this job, ho	w likely is it you w	ould recommend	I HSI to a colleague	?				Sale Tax:	\$ 5				
	пп					used on new wells to be sales tax exempt. Humcane Services relies on the customer provided								
		3 4 5	6 7 8		or ety Landy	well information above to make a determination if								
			5 , 0	10001. 4 12,440.20										
						HSI Represe	ntative:	Mark Brung	ardt					

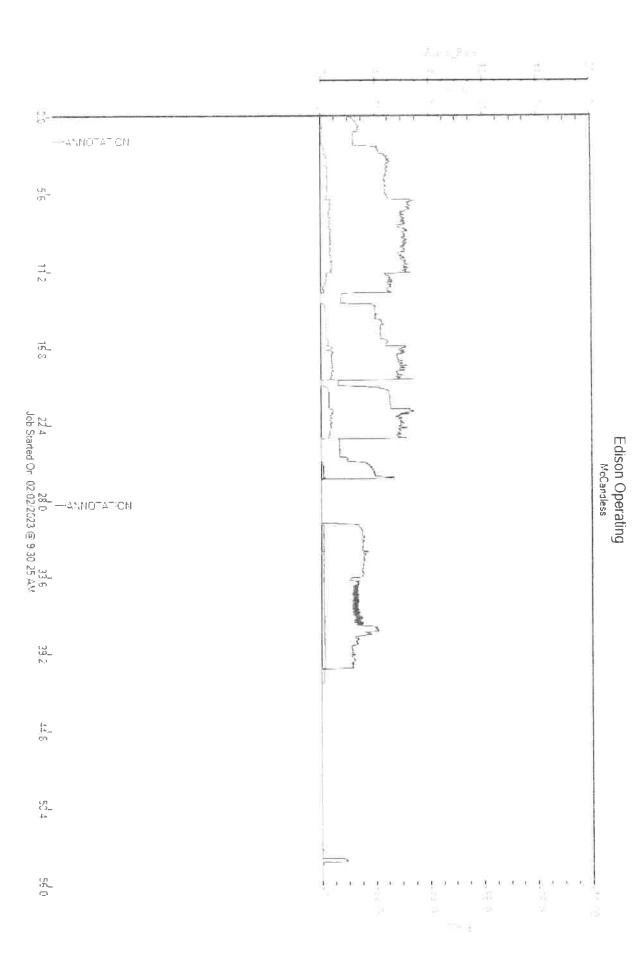
TERMS; Cash in advance unless Humicane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1.2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or altomey to affect the collection. Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in amving at net invoice once. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalhies and stated price adjustments. Actual charges may vary depending upon time, adjustment, and material ultimately required to perform these services. Any discount is based on 30 days has payment terms or cash. DISCLAIMER NOTICE: Technical data is presented in good faith, but no warranty is stated or impried HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for companson purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the purposes and in the makes in great antice of underground performance. Constitute in the presents and warrants may were and an associated equipment in acceptance condition to receive services by nor cities when the constitution performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

x RD Trangsal CUSTOMER AUTHORIZATION SIGNATURE



RAENT	TPE	ATMEN	T REPO	nDT												
					S See		The state of the s									
Cust	omer:	Edison (Uperatir	ng Compar	y Well:	McCandless 15-4	Ticket:	wp 3897								
City,	State:	luka Kar	nsas		County:	Stafford.Kansas	Date:	2/2/2023								
Field	d Rep:	Rick Po	рр		S-T-R:	15-25s-13w	Service:	Surface								
Dowr	nhole li	nformatio	on		Calculated Slu	rry - Lead	y - Lead Calculated Slurry									
Hole	e Size:	12 1/4	in		Blend:	H-Con	H-Con Blend:									
Hole D	Depth:	450	ft		Weight:	12.0 ppg	Weight:	15.6 ppg								
Casing	g Size:	8 5/8	in		Water / Sx:	14.5 gal / sx	Water / Sx:	5.2 gal / sx								
Casing C		441	ft		Yield:	2.47 ft ³ / 5x	Yield:	1.20 ft³/sx								
Tubing /			în		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.								
	Depth:		ft		Depth:	ft	Depth:	ft								
Tool / Pa					Annular Volume:	0.0 bbis	Annular Volume:	0 bbls								
	Depth:		ft		Excess:		Excess:									
Displace	ment:	26.0	bbls		Total Slurry:	88.0 bbls	Total Slurry:	42.7 bbls								
TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks:	200 sx	Total Sacks;	200 sx								
2:45 AM		, 01	BBLS	BBLS	on location job and safet	v										
3:00 AM					dspotbtrucks and rigbup											
					aspotos and rigoup											
6:30 AM					start casing in the hole											
8:00 AM				500	casing on bottom and cir	culate										
				:•:												
8:36 AM				/*:	start cement											
	5.0	250.0	3.0	3.0	fresh water											
	5.0	250.0	88.0	91.0	mix 200 sacks lead											
	5.0	250.0	42.0	133.0	mix 200 sacks tail											
9:05 AM			-		cement in and shut down											
	-				release plug											
0.07.444																
9:07 AM	3.0	150.0	26.0		start displacement											
9:15 AM	3.0	130.0	26.0		alus danna											
9.15 AIN	-				plug down											
					circulated 10 bbls to the	nit										
					Shoulded to ball to the	ук										
	u -	CREW			UNIT		SUMMARY									
Cem	nenter:	M Bru	ungardt		916	Average Rate	Average Pressure	Total Fluid								
Pump Ope	erator:	R Osi	orn		176/522	4.5 bpm	225 psi	159 bbls								
i dinp dpc																

ftv: 15-2021/01/25 mplv: 363-2023/01/25



F	OSSIL	DRI	LLIN	G, IN	IC						MOF	RNI	INC	3 R	EP	ORI		DATE 2023-0 3	2-11	RIG N	O. J	OB TYPE	JOI	B NO.		WELL	TYPE	
	ELLNAME dison Dr	rillina								LEGAL	DESCRIPT	ION								D DATE / T)		YS FR SP	UD	PROJE	CTED	ſD
OF	PERATOR DISON C	_	TING	· CO	110					COUN'	TY / PARISH	ı						STATE (S	JOB	START DAT 26/23 0	TE		DA	YS ON JO 5.04	В	EST. R	ELEASI	=
-	G MANAGER		TINC	. CO, 1	LLU	RIG	PHONE N	NUMBER	2	+	ATORS REP	RESEN	NTATI\	/E		CO. M	IAN PH		_	EASE DATE			-	ATHER				
	ERATIONS ((OPERATIO	NS NEX	T 24 HRS								
KI	G UP AI												# O	F JSA's		RIG SA	AFETY D	DAYS SA	ETY R	ATE	G.P.S	. COORIN	IDATES		BOP TES	T DATE /	PRESS	URE
Υ	SAFETY M	FETING:	TOPICS										0	TOP CA	ARDS	7	MEETIN	G DATE			_	7.8796 NN-O-MA			BOP DRI	I DATE	TIME	
SAFETY	LAST INSP			PECTION	DV / TIT	1.5		CDEM	/ M / U		EXTRA CR	EWC /	0						DEFICE	NOTIFIED		HOURS PA			BOP DRI			
																					132		10124		BOF DRI	LLUATE	IIIVIE	
OPS	CURRENT	DEPTH	0.00	AGE LAST	Г 24 PE	EN. RAT		OT. HR	S N	MAX. GAS	BCKG	R GAS	co	NN.GAS	S TF	RIP GAS	LA	ST CASIN	S SIZE 8	SET DEP	ГН		$oxed{igspace}$			R R	RE	NTAL
ō	HOOKLOA	D	PI	CKUP WE	EIGHT		SLACKOF	F		ROTATIN	G	F	ROTAF	RY TOR	QUE		NE	XT CASIN	G SIZE	& SET DEP	TH		DAILY	·				
	Time	Mud Wt	N / OUT	Funne	el Vis	PV	YLD F	PT 10	S GEL 1	0 M GEL	FI. Loss	FILT (СК	HTHP F	L F	HTTP FC			FUEL A	DDED TO N	ИUD		AVER	RAGE				
MUD	Mud Type		9	6 SOLIDS	S % LCI	M % S	SAND %	OIL	% H2O	pН	MF I	PF	C.A	ALCIUM	CHL	ORIDES		DAY	MU	JD COSTS			СПМІ	JLATIVE				
Σ	CENTRIFU	IGES				SHA	AKER TYF	PE					SCRE	ENS				ILY IANGED		CUM. WATER	SOURC	E		JLATIVE	447.0		447	
	FROM	то	HRS	CODE							DET	TAII S (OF OP	FRATIC	ONS IN	SEQUEN	ICE						DAYS		447.0	_	447.	/ Well)
	07:00 °	10:30	3.50	6	T.I.H						00' W/ 1	TRI (RILL C	OLL	ARS				1: RIG U	P / DOWN		9.00	9.00
	10:30		0.50		_		SWIVE . LINE		SUBS	+ KEI	LLY HO	SE											-	2: DRILL 3: REAM				104.25
	11:30	12:30	1.00	23	L.D.	DRI	LL.CC	LLA			0.1451.1						_							4: CORIN			0.50	10.75
	12:30 ²		1.00 1.50								& KELL												\dashv	6: TRIPS			4.50	39.25 1.75
	15:00		0.50	-			DOWN			ANDO														8: REPAI	R RIG			12.00
	15:30 ²		1.00 0.50	-			H PLU ION M				E													9: C/O DI	ATION			3.00
၅	17:00 ²			-	LDD	P MP PI	LIIG																_		LINE LOG		1.00	4.50 3.25
ME LOG	18:45	19:00	0.25	23	LDD	P																		13: WAIT	ON CEME	NT	2.00	8.25
TIME	19:00 ²				PUN	<u>IP P</u>	LUG																_	15: TEST	ВОР		∠.∪∪	
	19:30	20:00	0.50	12	PUN	IP L		LUG	СЕМЕ	NT R	AT AND	МО	USI	Е НО	LE									16: DRIL 17: PLUC	L STEM TE BBACK	ST		6.75
	20:00 2		2.00 1.00		$\overline{}$	AN F	OWN																\dashv	18: SQUI 19: FISH	EEZE CMN ING	IT		2.75
	23:00	07:00	8.00	1	RIG	UP A	AND T	EAR	DOWI	N													\blacksquare	20: DIR.	WORK		1.50	0.75 7.50
																							\neg	22: 23:			2.50	3.25
	\vdash																							Other			3.00	3.00
	BIT#	SIZE		TYPE		MA	KE	0	SERIAL#		NO7	ZZLES			IN	@	OUT (a I	DRILLEI	D HF	oe	CUM. I	upe	Total Hou	CONDI		24.00	224.00
ည	_		88 HA		BIL	LLS			249	3 x	16.00	LLLO	'			0.00	0011		JRILLLI		.75			good		TION		KOT
BITS																												
							F	Pump 1		Pump 2	F	Pump (3	Р	ump 4			TYPE	STR	OKE M	anufac	turer	HRS	Total HRS	MAX P	SI SPI	R. KI	ILL (SPM)
IPS	De	epth		GPM	PRES	SSURE	Line	r SF	PM Lii		PM Line	<u> </u>	SPM	Line	<u> </u>	PM P	ump 1									KIII K	ate	(,
PUMPS			-				5.5 5.5	50									ump 2 ump 3											
	SIZE	l w	EIGHT	GRAD)E	I.D.	5.5		THRE	EAD .	# JNTS	 	LEN	GTH	IN F	HOLE	omp 4	RACK	REPAIR	ıs I			DRIL	L STRING	REMARK	s		
TRG												1																
DRLLSTRG																												
٥																												
	LOCATION Co. No.	١										NC	0.		DRIL	LLING AS	SSUMBL	Y(BHA)		O.D.	LC). LEI	NGTH	DEP	DEVIAT	ION SU	IRVE	/S AZM
INES	HRS TODA	ΑY										上												433	0.00	2.0		AZIVI
ENGINES	HRS ON V									- <u>-</u>	+-	╁	+								\pm			401 351	9.00 3.00	0.7 0.7		
	AVERAGE											上	+								+			300	0.00	0.7	5	
_	DELIVERE On Hand	D TODA		1584.	00	TODA	HOU	IRS FL	JEL USEC	1.1	day	F	\downarrow												9.00	0.7 0.5	0	
RIG FUEL	Used Toda Used this \			192. 3529.	.00 🖫	WELL				TO TO	tal	1	$^{+}$											1610 94	0.00 5.00	0.7 0.7		
RIG	Fuel Brand			3529.	8	BOIL	VDOWN JMES			Su	pplier	┢													9.00	0.7		
~	DISTRIBU		UDO 1 40	-	TOTAL	VOLU			F00T46	-	TOTAL	+	+								+							
MUD DTR	SERIAL	.#	HRS LAS 24	"	TOTAL HRS		CUM. WELL H	RS	LST 24		TOTAL FOOTAGE	F	\mp											_	_		+	
M												上	\downarrow														+	
			DI	SCRIPTI	ION				DAY RT	STDBY	HRLY		\pm														\pm	
NS												+	+								+	+					+	
RENTAL ITEMS	<u> </u>							$-\Gamma$			<u> </u>	0							67	TANDS					DIR	ECTIONS	то	
TAL												0			DRILL	PIPE				NGLES				1				
REI												\neg	LLY D	OWN										1				
												_				LSTRING						359	7.00	-				
																2		-							RILLED			
																				FF	ROM	то		CODE	RPM	1	W.	.O.B.
KKS																												
EMA							\perp													\dashv			+					
RT R																						•						
REPORT REMA																												



Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: McCandless #15-4

API: API # 15-185-24132-0000

Location: Section 15-T25S-R13W Stafford Co., Kansas

License Number: Region: St. John

Surface Coordinates: 1089' FNL & 2310' FWL

(3-D Location)

Bottom Hole

Coordinates:

Ground Elevation (ft): 1927' K.B. Elevation (ft): 1939' Logged Interval (ft): 3000' To: 4330' Total Depth (ft): 4330'

Formation: Arbuckle

Type of Drilling Fluid: Chemical Gel/Polymer Fresh Water -Based

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Edison Operating Company, LLC

Address: 8100 E. 22nd St. N.

Building 1900 Wichita, KS 67226

GEOLOGIST

Name: Adam T. Kennedy

Company: Edison Operating Company, LLC

Address: 8100 E. 22nd St. N.

Building 1900 Wichita, KS 67226

REMARKS

After review of the geologic log, DST results, and the open hole electric logs for the McCandless #15-4 it was decided by the operator to plug and abandon said well.

The well samples were saved and submitted to the Well Sample Library in Wichita, KS.

Respectfully Submitted,

Adam T. Kennedy

	DAILT DRILLING REPORT								
[Date	0700 Hrs Depth	Previous 24 Hours of Operations						
	2.05.2023	3200'	Geologist Adam T. Kennedy on location @ 1700 hrs 2.05.2023. Currently drilling ahead through Topeka. Re-zero gas detector, prepare for pay zones. WOB: 35k, PP: 900, SPM: 60 RPM: 60 DMC: \$2,849.57 CMC: \$8,621.32						
	2.06.2023	3700'	Drilling and connections Topeka, Heebner, Douglas, Lansing. Currently drilling ahead in LKC A. WOB: 35k, PP: 900, SPM: 60 RPM: 60 DMC: \$1,528.18 CMC: \$10,149.50						
	2.07.2023	4108'	Drilling and connections Lansing, lower Lansing, Marmaton, Viola. Currently CFS @ 4108' in Viola. WOB: 36k, PP: 1000, SPM: 60 RPM: 60 DMC: \$2,406.46 CMC: \$12,5555.96						
	2.08.2023	4205'	Shows warrant test, run 20 stand short trip, CTCH, TOH for DST #1. Condiuct test, tool plugged off, misrun. TOH. Resume drilling, drilling and connections Viola, Simpson. CFS @ 4205'. Shows warrant test. Currently TOH for DST #2. WOB: 36k, PP: 1000, SPM: 60 RPM: 60						
	2.9.2023	4242'	Conduct DST #2, TIH to resume drilling. Drilling and connections Simpson, Arbuckle. CFS @ 4242' Shows warrant test, TOH for DST #3. Conduct test. Currently TOH after DST #3. WOB: 36k, PP: 1000, SPM: 60 RPM: 60 DMC: \$1,519.69 CMC: 15,645.19						
	2.10.2023	4330'	Down 4 hours to swtich out mud pump and fix mud. TIH to resume drilling. Drilling and connections Arbuckle, rathole ahead to RTD of 4330'. RTD reached @ 22:30 hrs 2.9.23. CTCH, TOH for logs. Logging operations completed 0600 hrs 2.10.23. Decision made to P&A by operator @ 0900 hrs. Geologist off location @ 0800 hrs 2.10.23. WOB: 34k, PP: 600, SPM: 60 RPM: 60						

WELL COMPARISON SHEET												
		Drilling Well				Comparison Well			Comparison Well			
	Edison Operating - McCandless #15-4			Edison	Edison Operating - McCandless #15-3			Edison Operating - Halley #1-15				
	Sec. 15 - T25S - R13W				500 (100 F00 (100 F00 A CO) (10 F00 (100 A) (100 A) (100 A) (100 A) (100 A)			Sec. 15 - T25S - R13W				
		1089' FNL &	2310' FW	L					2258' FNL & 567' FWL			
	41V12m3v0	SW SE	NE NW		00,000							
	1927	GL			Oil -	Spsd	Struc	tural	D	ry	Struc	ctural
Y	1939		1000	20,000,000	1934	KB	Relation	onship	1943	KB		onship
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Sample	Sub-Sea	Sample	Log
Heebner	3488	-1549	3488	-1549	3481	-1547	-2	-2	3498	-1555	6	6
Toronto	3509	-1570	3509	-1570	3499	-1565	-5	-5	3517	-1574	4	4
Douglas	3531	-1592	3530	-1591	3520	-1586	-6	-5	3536	-1593	1	2
Brown Lime	3639	-1700	3639	-1700	3627	-1693	-7	-7	3646	-1703	3	3
Lansing-Kansas City	3670	-1731	3671	-1732	3660	-1726	-5	-6	3678	-1735	4	3
LKC 'B'	3690	-1751	3688	-1749	3678	-1744	-7	-5	3695	-1752	1	3
LKC 'D'	3714	-1775	3718	-1779	3704	-1770	-5	-9	3723	-1780	5	1
LKC 'G'	3762	-1823	3764	-1825	3752	-1818	-5	-7	3770	-1827	4	2
Muncie Creek	3798	-1859	3798	-1859	3788	-1854	-5	-5	3806	-1863	4	4
LKC 'H'	3802	-1863	3807	-1868	3793	-1859	-4	-9	3813	-1870	7	2
LKC 'I'	3820	-1881	3822	-1883	3810	-1876	-5	-7	3827	-1884	3	1
LKC 'J'	3836	-1897	3836	-1897	3823	-1889	-8	-8	3842	-1899	2	2
Stark	3868	-1929	3868	-1929	3857	-1923	-6	-6	3875	-1932	3	3
LKC 'K'	3875	-1936	3878	-1939	3864	-1930	-6	-9	3881	-1938	2	-1
Hushpuckney	3903	-1964	3906	-1967	3893	-1959	-5	-8	3913	-1970	6	3
LKC 'L'	3907	-1968	3914	-1975	3896	-1962	-6	-13	3918	-1975	7	0
Base Kansas City	3950	-2011	3950	-2011	3937	-2003	-8	-8	3957	-2014	3	3
Mississippian	4000	-2061	4000	-2061	3987	-2053	-8	-8	4007	-2064	3	3
Kinderhook	4028	-2089	4057	-2118	4022	-2088	-1	-30	4051	-2108	19	-10
Viola	4075	-2136	4076	-2137	4064	-2130	-6	-7	4119	-2176	40	39
Simpson Shale	4172	-2233	4179	-2240	4190	-2256	23	16	4225	-2282	49	42
Simpson Sand	4183	-2244	4190	-2251	4198	-2264	20	13	4234	-2291	47	40
Base Simpson Sand	4200	-2261	4202	-2263	4212	-2278	17	15	4244	-2301	40	38
Arbuckle	4231	-2292	4234	-2295	4261	-2327	35	32	4284	-2341	49	46
Total Depth	4330	-2391	4330	-2391	4300	-2366	-25	-25	4288	-2345	-46	-46



Edison Operating Comp Inc

8100 E 22nd St

15-25s-13w Stafford, Ks

DST#:1

1926.00 ft (CF)

McCandless 15-4

Tester:

Unit No:

N Bldg 1900 Wichita, Ks. 67226 Job Ticket: 68495

ATTN: Adam Kennedy Test Start: 2023.02.07 @ 13:56:08

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft {KB} Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 16:49:23 Time Test Ended: 20:49:53

Interval: 4014.00 ft (KB) To 4108.00 ft (KB) (TVD) Reference ⊟evations: 1938.00 ft (KB)

Total Depth: 4108.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8788 Inside

Press@RunDepth: 929.19 psig @ 4015.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2023.02.07
 End Date:
 2023.02.07
 Last Calib.:
 2023.02.07

 Start Time:
 13:56:13
 End Time:
 20:49:52
 Time On Btm:
 2023.02.07 @ 16:41:53

Time Off Btm: 2023.02.07 @ 18:26:08

Matt Smith

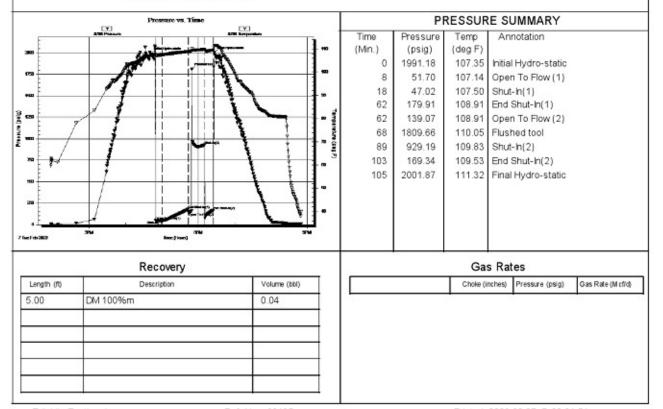
68

TEST COMMENT: IF: Weak Blow . Built to 1 1/2", in the Bucket. (10)

ISI: No Blow . (45)

FF: Dead. Flushed tool after 5 mins. Dead. (25)

FSI: No Blow . Pulled Test. (15)





Edison Operating Comp Inc.

8100 E 22nd St N Bldg 1900 Wichita, Ks. 67226 15-25s-13w Stafford, Ks

McCandless 15-4

Job Ticket: 68496 DST#:2 Test Start: 2023.02.08 @ 09:46:11

ATTN: Adam Kennedy

GENERAL INFORMATION:

Simpson Sand Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:01:11 Time Test Ended: 17:39:41

Interval: 4160.00 ft (KB) To 4205.00 ft (KB) (TVD)

4205.00 ft (KB) (TVD) Total Depth:

Hole Diameter: 7.88 inches Hole Condition: Fair Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Reference Bevations: 1938.00 ft (KB)

1926.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8737 Outside

Press@RunDepth: 89.01 psig @ 4161.00 ft (KB)

End Date:

Capacity: 2023.02.08 Last Calib .: 8000.00 psig

Start Date: 2023.02.08 Start Time: 09:46:26 End Time:

17:39:41 Time On Btm: 2023.02.08 @ 12:00:56

2023.02.08

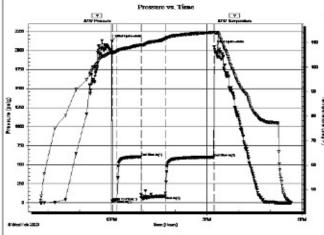
Time Off Btm: 2023.02.08 @ 15:13:56

TEST COMMENT: IF: Weak Blow . Built to 2 1/2", in the Bucket. (10)

ISI: No Blow . (45)

FF: Weak Blow . Built to 4 1/4". (45)

FSI: No Blow . (90)



PRESSURE SUMMARY						
Time	Pressure	Temp	Annotation			
(Min.)	(psig)	(deg F)				
0	2117.71	106.12	Initial Hydro-static			
1	23.10	105.17	Open To Flow (1)			
10	44.79	106.58	Shut-In(1)			
55	606.19	109.09	End Shut-In(1)			
56	66.70	108.96	Open To Flow (2)			
101	89.01	111.63	Shut-In(2)			
193	601.59	114.22	End Shut-In(2)			
193	2046.16	114.26	Final Hydro-static			
55.00-00	25/20/20/20/20/20					

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOSWCM 1%g 2%w 97%m	0.46
60.00	GVSOWCM 1%g 3%o 1%w 95%m	0.46
20.00	GOSM 1%g 99%m	0.28
0.00	40' GIP 100%g	0.00
* Recovery from r	nultiple tests	•

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (M cf/d)
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Trilobite Testing, Inc.

Ref. No: 68496

Printed: 2023.02.08 @ 22:08:58



Edison Operating Comp Inc

15-25s-13w Stafford, Ks

8100 E 22nd St McCandless 15-4

Job Ticket: 68497

DST#:3

Wichita, Ks. 67226 ATTN: Adam Kennedy

N Bldg 1900

Test Start: 2023.02.09 @ 03:00:46

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 05:12:31 Matt Smith Tester: Time Test Ended: 09:24:01 Unit No: 68

4232.00 ft (KB) To 4242.00 ft (KB) (TVD) Interval:

Reference Bevations: 1938.00 ft (KB) 4242.00 ft (KB) (TVD) 1926.00 ft (CF)

Total Depth: KB to GR/CF:

Hole Diameter: 7.88 inches Hole Condition: Fair 12.00 ft

Serial #: 8788 Inside

Press@RunDepth: 90.68 psig @ 4233.00 ft (KB) Capacity: 8000.00 psig Start Date: 2023.02.09 End Date: 2023.02.09 Last Calib .: 2023.02.09 Start Time: 03:00:51 End Time: 2023.02.09 @ 05:09:46 09:24:00 Time On Btm:

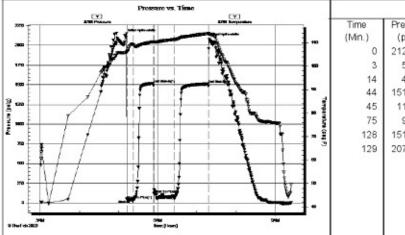
Time Off Btm: 2023.02.09 @ 07:18:46

TEST COMMENT: IF: Weak Blow . Built to 2 1/2". (10)

ISI: No Blow . (30)

FF: Fair Blow . Built to 8 3/4". (30)

FSI: No Blow . (45)



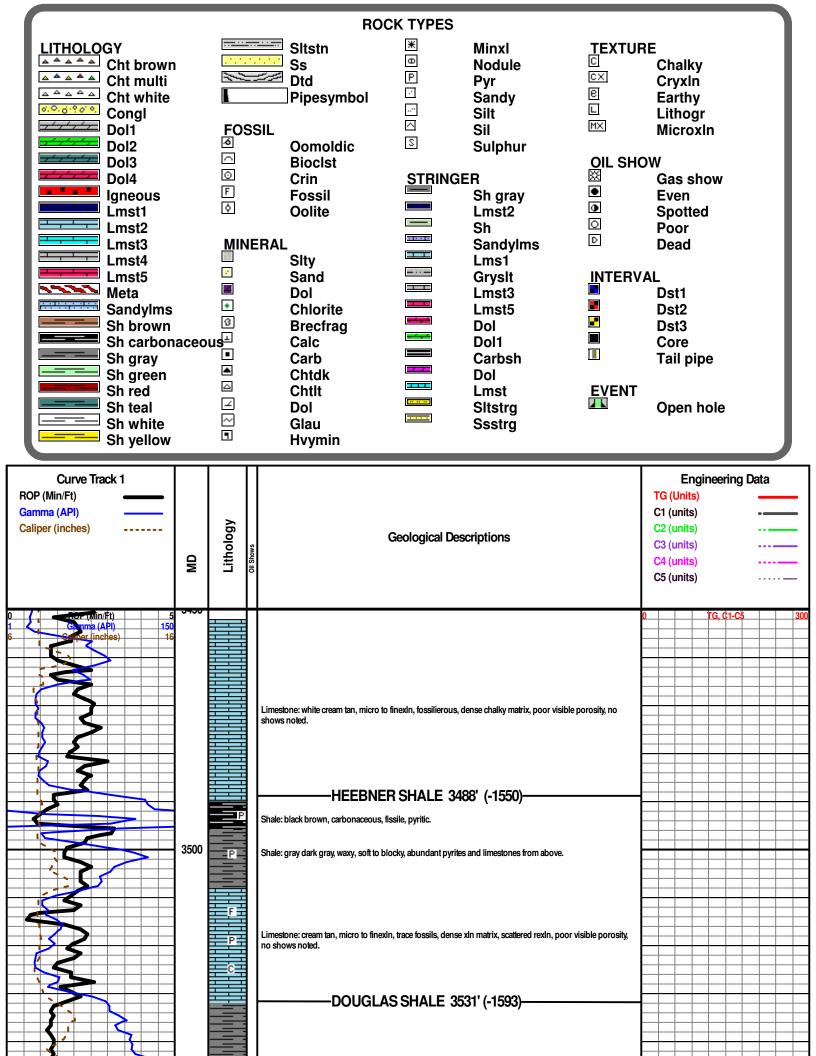
Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2124.43	105.59	Initial Hydro-static
3	50.24	105.80	Open To Flow (1)
14	41.71	108.89	Shut-h(1)
44	1519.65	110.35	End Shut-In(1)
45	118.07	110.17	Open To Flow (2)
75	90.68	111.35	Shut-In(2)
128	1512.38	113.81	End Shut-In(2)
129	2073.84	113.52	Final Hydro-static
59 (500)	25/4/2012/00/2014		Control of the Contro

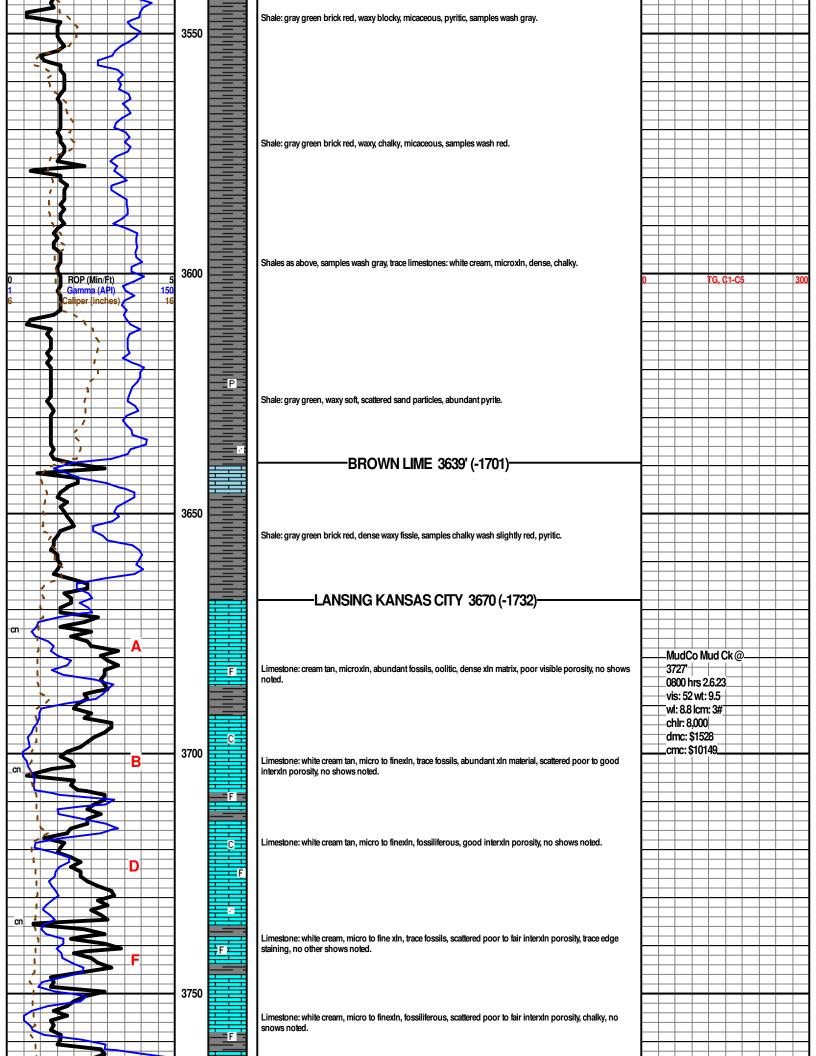
Recovery

Length (ft)	Description	Volume (bbl)
60.00	GHOCM 20%g 10%o 70%m	0.46
2.00	GHOCM 1%g 20%o 79%m	0.02
0.00	310' GIP 100%g	0.00
		5.7
Recovery from r	nultiple tests	-

Gas Ra	tes	
Choko (inchos)	Brocere (neis)	Cas Data (Martis)

Trilobite Testing, Inc Ref. No: 68497 Printed: 2023.02.09 @ 11:18:56





cn G	IC.	Limestone: cream tan, micro to finexin, fossiliferous, poor to fair interxin porosity, trace chalky, scattered xin material, no shows noted.				
	F O	Limestone: white cream tan, micro to finexin, fossiliferous oolitic, dense hard xin matrix, abundant oomoldic, recemented, very poor visible porosity, no shows noted.				
cn	¢ F	Limestone: white cream tan, micro to finexln, trace fossils, dense xln matrix, trace good interxln porosity, no shows noted.				
0 ROP (Min/F) 5 1 Gam (a (API) 150	3800	MUNCIE CREEK 3798' (-1860)	0		11-C5	300
6 Caliper Tuckes) 16	ф F X	Limestone: cream tan light brown, micro to finexln, fossiliferous oolitic, dense xln matrix, scattered oomoldic, scattered good interlxn oomoldic porosity, trace light brown oil in porosity, trace gas bubbles, faint odor, faint yellow fl.	50u 100	gas k total (ick units_	
	F	Limestone: white cream light brown, microxln, trace fossils, dense xln matrix, scattered poor interxln porosity, chalky, no shows noted.				
	Ė	Limestone: cream tan brown, micro to finexln, fossiliferous, dense chalky matrix, scattered poor interxln porosity, no shows noted.				
	3850	Limestone: white cream, microxln, trace fossils trace oolitic?, chalky soft matrix in part, scattered poor to good interxln porosity, no shows noted.				
cn cn		Limestone: cream tan brown, microxln, trace fossils, dense xln matrix, scattered poor interxln porosity, no shows or odor noted.				
	F	STARK SHALE 3868' (-1930)—————				
K	¢.	Limestone: white cream tan, microxln, fossiliferous oolitic, chalky dense matrix, scattered oomoldic porosity, no shows or odor noted.				
cn cn	3900	Limestone: cream tan brown, microxln lithographic, barren, dense xln matrix, poor visible porosity, no shows noted.				
		Shale: gray dark gray trace black carbonaceous, dense waxy.				
L	F	Limestone: cream tan, micro to finexln, trace fossils, dense chalky matrix, scattered poor interlxn porosity, no shows noted.				
cn						
	F	Limestone: cream tan light green, mottled, microxln, fossiliferous, dense xln matrix, chalky. very poor porosity, no shows noted.				
co co	3950					
		Shale: gray green, block waxy, fissle, micaceous.				
		Limestone: cream tan light brown, microxln, barren, dense xln matrix, chalky, no shows noted, scattered chalky brown shales.				

