

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) (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	MARIE 1-17
Doc ID	1590943

All Electric Logs Run

DUCP
MICRO
SONIC
DUAL INDUCTION



EDISON OPERATING COMPANY, LLC

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

Well Name: Marie #1-17
API #: 15-185-2407-0000
Location: Section 17-T24S-24R14W Stafford Co., Kansas
License Number: 2011 FSL & 882' FEL
Spud Date: 8/30/2021
Surface Coordinates: 2011' FSL & 882' FEL (3-0) Location
Bottom Hole Coordinates: 1982' Ground Elevation (ft): 1982' K.B. Elevation (ft): 1992'
Logged Interval (ft): 3240' To: 4510' **Total Depth (ft):** 4512' (LTD)
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: Derek W. Patterson
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 Marie #1-17, it was decided upon by operator to run 5 1/2" production casing for open hole completion as a salt water disposal well in the Arbuckle.
 The well samples were saved, submitted, and will be available for review at Kansas Geologic Survey's Well Sample Library located in Wichita, KS.
 Respectfully Submitted,
 Derek W. Patterson

GENERAL INFORMATION

Service Companies
 Drilling Contractor: Southwind Drilling - Rig #1
 Tool Pusher: Frank Rios
 Daylight Driller: Jay Krier
 Evening Driller: Mike Savage
 Moring Driller: Shawn Epp
 Gas Detector: Bluestem Environmental
 Engineer: Keith Reavis
 Unit: 5200
 Operational By: 3209
 Drilling Fluid: Mud-Co/Service Mud Inc.
 Engineer: Brad Bortz
 Logging Company: Eli Wellbore
 Engineer: Jeff Liebers
 Logs Ran: DI, CONL, Micro, Sonic
 Testing Company: Diamond Testing, LLC
 Tester: Ricky Ray

Deviation Survey		Pipe Strap	
Depth	Survey	Depth	Pipe Strap
381'	1 1/4"	3743'	3 Long to Board
3743'	1 1/4"		
RTD - 4510'	1 1/4"		

Bit #	Size	Make	Type	Serial Number	Depth In	Depth Out	Feet	Hours
1	12 1/4	JZ	RR	RRR	0	387'	387'	1.5
2	7 7/8	JZ	HE	HE517	387'	4510'	729'	8.25
3	7 7/8	JZ	HE	HE517	1176'	4510'	3334'	336.25

8.30.2021 Ran 9 joints of new 2 3/8" 5.8" surface casing, tallying 375.74', set @ 387'. Cemented w/ 190 sacks H-CON, 3% cc 1/4" flocc, tailed in w/ 190 sacks A, 2% cc 1/3# flocc. Cement did circulate w/ 50 sacks to pit.
Plug down @ 1815 hrs 8.30.21. By Hurricane Services Inc.

9.9.2021 Run 106 joints of used 1 1/2" 5.1" production casing, tallying 4407', set @ 4417'. Cemented w/ 500 gal mud fluid followed w/ 135 cc H-LOG. Plug rathole with 30 cc H-Plug and cemented w/ 20 cc H-Plug. Cement did circulate.
Plug down @ 0715 hrs 9.9.21. By Hurricane Services Inc.

DAILY DRILLING REPORT

Date: 0700 Hrs Depth: 3680'
Geologist: Derek W. Patterson on location @ 1945 hrs 9.4.2021. Drilling and connections upper Pennsylvanian beds. Adjust Bloodwood depth with geologer, test system. Continue drilling and connections upper Pennsylvanian beds, Topeka, Heebner, Toront, Douglas, and Brown Lime. Run in prems to clean mud up. lots of rain last night. Prepare for short trip @ 3680'.

9.5.2021 3796'
 Prepare for short trip @ 3680'. Conduct DST #1. Show successful. TH with bit, CTCH, resume drilling and connections Lansing-Kansas City. CFS @ 3743' (LKC D1). Shows LKC B and LKC D warrant test. CTCH drop survey, DST #1. Drilling and connections Lansing-Kansas City.
Made 116' cover past 24 hrs.
WOB: 35k RPM: 75 PP: 785 SPM: 60
DMC: \$1,102.39 CMC: \$11,656.03

9.6.2021 3982'
 Drilling and connections Lansing-Kansas City. CFS @ 3830' (LKC H). Shows warrant test. CTCH, TOH and DST #2. Conduct DST #2. Test successful. TH with bit, CTCH, resume drilling and connections Lansing-Kansas City. CFS @ 3874' (LKC V1). Resume drilling and connections Lansing-Kansas City, Base Kansas City, and into Marmaton.
Made 186' cover past 24 hrs.
WOB: 35k RPM: 75 PP: 690 SPM: 60
DMC: \$1,380.24 CMC: \$13,036.27

9.7.2021 4283'
 Drilling and connections Marmaton, Mississippian, Kinderhook, Viola, and into Simpson. Conduct 15 stand short trip @ 4260'. Resume drilling and connections Simpson.
Made 301' cover past 24 hrs.
WOB: 32k RPM: 75 PP: 750 SPM: 60
DMC: \$951.27 CMC: \$13,987.54

9.8.2021 4450'
 Drilling and connections Simpson and into Arbuckle. CFS @ 4310' (Arb) & 4317' (Arb). Shows warrant test. CTCH, TOH and DST #3. Conduct DST #3. Test successful. TH with bit, CTCH, resume drilling and connections Arbuckle ahead to RTD of 4510'.
Made 167' cover past 24 hrs.
WOB: 35k RPM: 75 PP: 750 SPM: 60
DMC: \$877.98 CMC: \$14,965.52

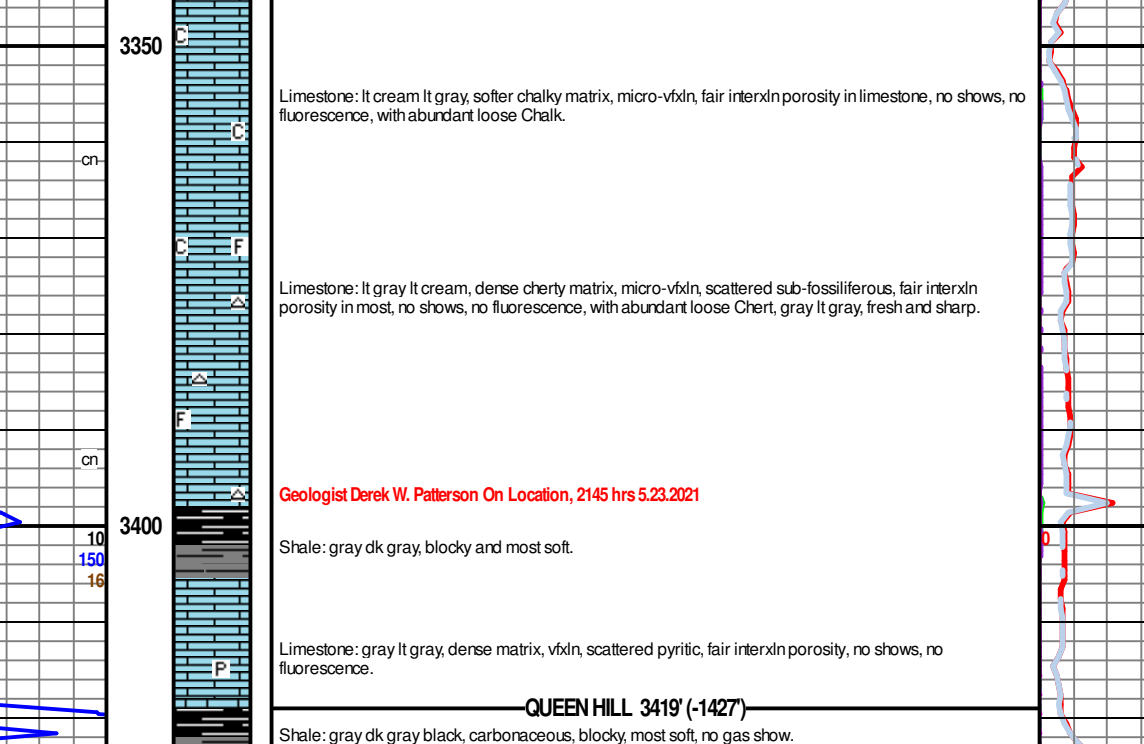
9.9.2021 RTD - 4510'
 Drilling and connections Arbuckle ahead to RTD of 4510'. RTD reached 0945 hrs 9.8.2021. CTCH, drop survey, TOH for open hole logging operations. Rig up for loggers, conduct open hole logging operations. Orders received to run 5 1/2" production casing for open hole SWD completion in the Arbuckle.
Geologist Derek W. Patterson on location @ 1830 hrs 9.8.2021.
Made 60' over past 24 hrs.
WOB: 35k RPM: 75 PP: 850 SPM: 60
DMC: \$1,799.02 CMC: \$16,764.54

WELL COMPARISON SHEET

Edison Company - Marie #1-17 Sec. 17, T24S, R14W 200' 6" x 687' FUL	Compensation Well Sec. 17, T24S, R14W				Compensation Well Sec. 17, T24S, R14W				Compensation Well Sec. 17, T24S, R14W			
	Oil - Arb	Structural	Oil - Arb	Structural	Oil - Arb	Structural	Oil - Arb	Structural	Oil - Arb	Structural	Oil - Arb	Structural
Formation	Sample	Log	Sub-Seq	Sample	Log	Sub-Seq	Sample	Log	Sub-Seq	Sample	Log	Sub-Seq
Heebner	3529	1537	3029	1537	3029	1537	3029	1537	3029	1537	3029	1537
Topeka	3549	1557	3549	1557	3549	1557	3549	1557	3549	1557	3549	1557
Douglas	3568	1576	3568	1576	3568	1576	3568	1576	3568	1576	3568	1576
Brown Lime	3611	1619	3611	1619	3611	1619	3611	1619	3611	1619	3611	1619
Lansing-Kansas City	3689	1667	3689	1667	3689	1667	3689	1667	3689	1667	3689	1667
Base Kansas City	3704	1712	3704	1712	3704	1712	3704	1712	3704	1712	3704	1712
Marmaton	3713	1719	3713	1719	3713	1719	3713	1719	3713	1719	3713	1719
Heebner	3743	1752	3743	1752	3743	1752	3743	1752	3743	1752	3743	1752
Munroe Creek	3810	1800	3810	1800	3810	1800	3810	1800	3810	1800	3810	1800
LKC V1	3817	1805	3817	1805	3817	1805	3817	1805	3817	1805	3817	1805
LKC V2	3823	1811	3823	1811	3823	1811	3823	1811	3823	1811	3823	1811
LKC V3	3843	1830	3843	1830	3843	1830	3843	1830	3843	1830	3843	1830
LKC V4	3857	1844	3857	1844	3857	1844	3857	1844	3857	1844	3857	1844
LKC V5	3924	1890	3924	1890	3924	1890	3924	1890	3924	1890	3924	1890
Heebner	3919	1887	3919	1887	3919	1887	3919	1887	3919	1887	3919	1887
LKC V1	3925	1903	3925	1903	3925	1903	3925	1903	3925	1903	3925	1903
Base Kansas City	3929	1907	3929	1907	3929	1907	3929	1907	3929	1907	3929	1907
Marmaton	3967	1974	3967	1974	3967	1974	3967	1974	3967	1974	3967	1974
Mississippian	4001	2005	4001	2005	4001	2005	4001	2005	4001	2005	4001	2005
Kinderhook	4113	2115	4113	2115	4113	2115	4113	2115	4113	2115	4113	2115
Viola	4130	2140	4130	2140	4130	2140	4130	2140	4130	2140	4130	2140
Simpson	4248	2259	4248	2259	4248	2259	4248	2259	4248	2259	4248	2259
Arbuckle	4300	2316	4300	2316	4300	2316	4300	2316	4300	2316	4300	2316
Total Depth	4510	3511	4510	3511	4510	3511	4510	3511	4510	3511	4510	3511

Arbuckle: 2897-3302 (2907', 2818)
 IP: 85 BOPD
 Arbuckle: 4304-4310 (2308', 2388)
 IP: 182 BOPD

Company: Edison Operating Company, LLC
Lease: Marie #1-17
DST #1 Formation: Lens B/D Test Interval: 3098 - Total Depth: 3743'
 Time On: 19:05 0904 Time Off: 02:28 0905
 Time On Bottom: 21:19 0904 Time Off Bottom: 05:29 0905

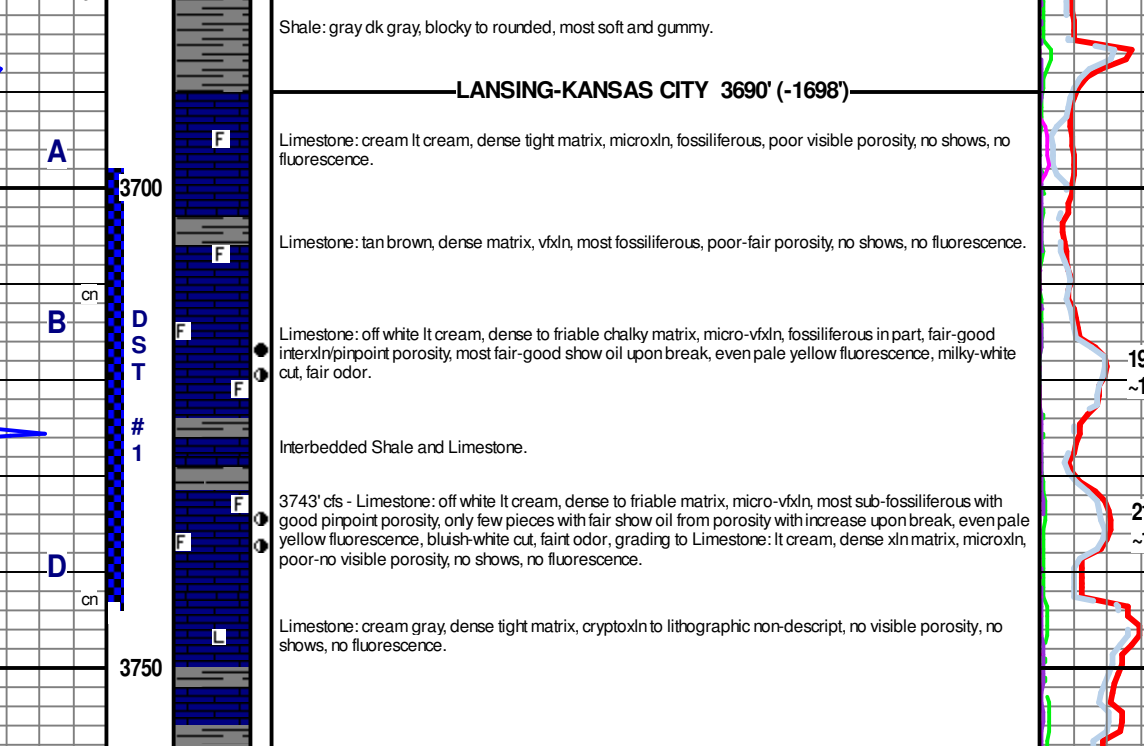


Recovered	Description of Fluid	Gas %	Oil %	Water %	Mud %
551	SLOCSLOCCM	100	0	0	0
42	SLOCSLOCCM	5	2	0	93

Initial Hydrostatic Pressure	Initial Flow	Initial Closed In Pressure	Final Flow Pressure	Final Closed In Pressure	Final Hydrostatic Pressure	Temperature
1716	PSI	12 to 18	894	PSI	1717	°F

Pressure Change Initial Close / Final Close: 0.0 %
 CIP cubic feet volume: 52.17859

Company: Edison Operating Company, LLC
Lease: Marie #1-17
DST #2 Formation: Lens H Test Interval: 3896 - Total Depth: 3837'
 Time On: 11:17 0905 Time Off: 18:05 0905
 Time On Bottom: 14:03 0905 Time Off Bottom: 14:03 0905

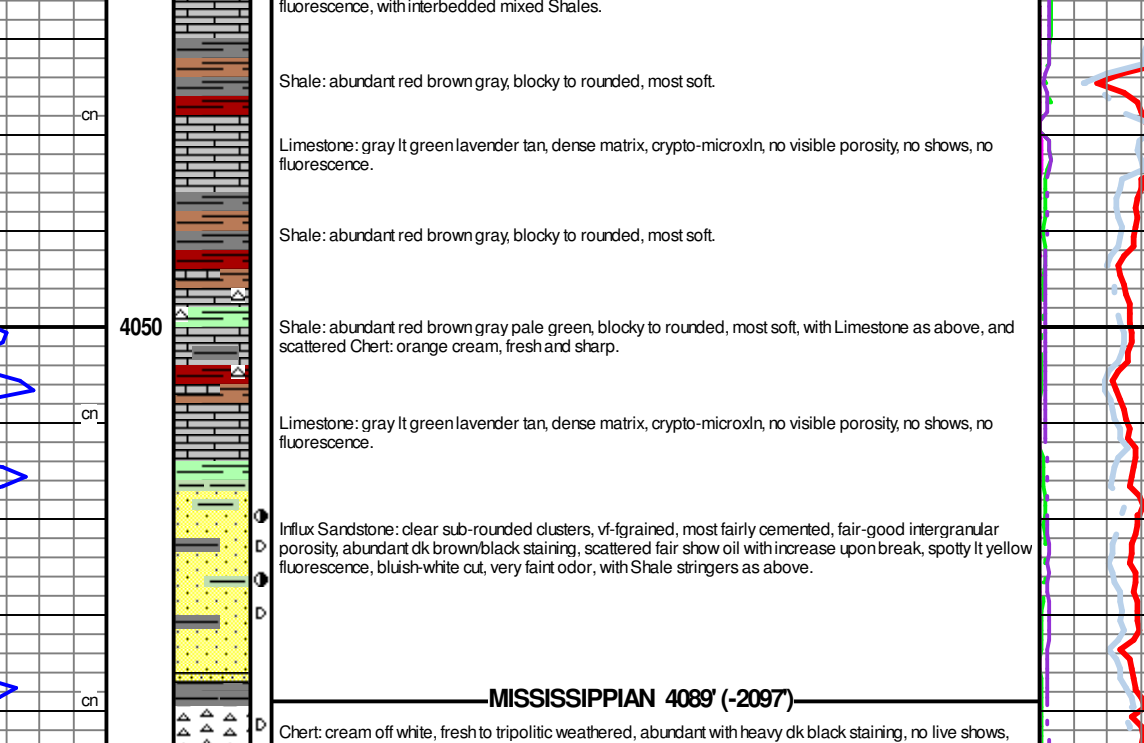


Recovered	Description of Fluid	Gas %	Oil %	Water %	Mud %
651	SLOCSLOCCM	100	0	0	0
42	SLOCSLOCCM	5	2	0	93

Initial Hydrostatic Pressure	Initial Flow	Initial Closed In Pressure	Final Flow Pressure	Final Closed In Pressure	Final Hydrostatic Pressure	Temperature
1787	PSI	11 to 13	463	PSI	1717	°F

Pressure Change Initial Close / Final Close: 1.6 %
 CIP cubic feet volume: 38.48932

Company: Edison Operating Company, LLC
Lease: Marie #1-17
DST #3 Formation: Arbuckle Test Interval: 4240 - Total Depth: 4317'
 Time On: 13:42 0907 Time Off: 05:23 0907
 Time On Bottom: 15:54 0907 Time Off Bottom: 15:54 0907



Recovered	Description of Fluid	Gas %	Oil %	Water %	Mud %
456	HWCAM	0	0	30	70
816	HWCAM	0	0	55	45
1827	HWCAM	0	0	98	5

Initial Hydrostatic Pressure	Initial Flow	Initial Closed In Pressure	Final Flow Pressure	Final Closed In Pressure	Final Hydrostatic Pressure	Temperature
2098	PSI	20	1529	PSI	1530	°F

Pressure Change Initial Close / Final Close: 0.0 %
 CIP cubic feet volume: 0

ROCK TYPES

LITHOLOGY	Stsn	Minxl	TEXTURE
Chl brown	Stsn	Nodule	Chalky
Chl white	Ptd	Pyr	Crxlyn
Chl multi	Dipsymbol	Sandy	Earthy
Congl	Symbol	Silt	Microxln
Do1	Oomoldic	Sulphur	Gas show
Do2	Cinost	STRINGER	Even
Do3	Briol	Lms4	Spotted
Do4	Criol	Lms2	Dead
lgneous	Fossil	Sh	Interval
Lms1	MINERAL	Sandylms	Dst1
Lms2	Sity	Lms1	Dst2
Lms3	Sand	Grysh	Dst3
Lms4	Silt	Lms3	Core
Meta	Chlorite	Sh	Tail pipe
Sh brown	Brefrag	Sandylms	Open hole
Sh carbonaceous	Calc	Lms1	
Sh gray	Chrt	Grysh	
Sh green	Carb	Lms3	
Sh red	Chrt	Sh teal	
Sh teal	Dol	Sh gray	
Sh white	Calh	Dol	
Sh yellow	Dol	Calh	
	Gla	Lms2	
	Hymn	Lms1	
		Lms3	
		Sstgr	

Respectfully Submitted,
 Derek W. Patterson



Company: Edison Operating Company, LLC
Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1982 GL
 Field Name: Dillwin
 Pool: Infield
 Job Number: 508
 API #: 15-185-24087

Operation:
 Uploading recovery & pressures

DATE
 September
04
 2021

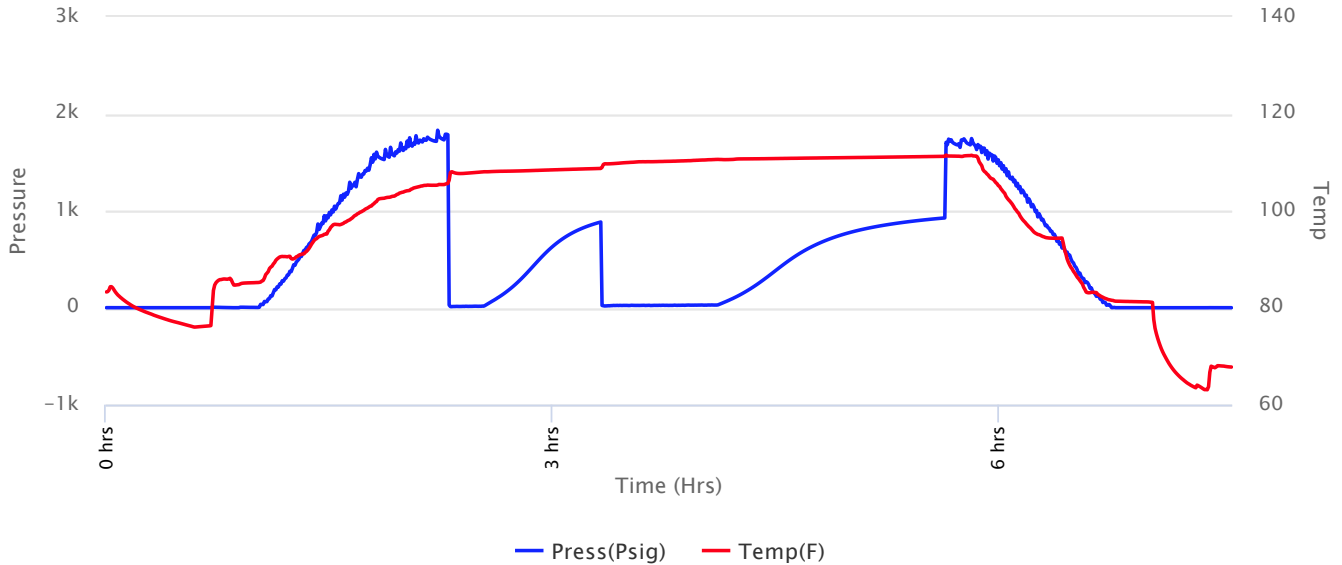
DST #1 Formation: Lans B/D Test Interval: 3698 - 3743' Total Depth: 3743'

Time On: 19:05 09/04 Time Off: 02:26 09/05
 Time On Bottom: 21:19 09/04 Time Off Bottom: 00:29 09/05

Electronic Volume Estimate:
 160'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 10	Minutes: 45	Minutes: 45	Minutes: 90
Current Reading: 7" at 10 min	Current Reading: 0" at 45 min	Current Reading: 2" at 45 min	Current Reading: 0" at 90 min
Max Reading: 7.6"	Max Reading: 0"	Max Reading: 9"	Max Reading: 0"

Inside Recorder





Company: Edison Operating Company, LLC
Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
 County: STAFFORD
 State: Kansas
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 Elevation: 1982 GL
 Field Name: Dillwin
 Pool: Infield
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Operation:
 Uploading recovery & pressures

DATE
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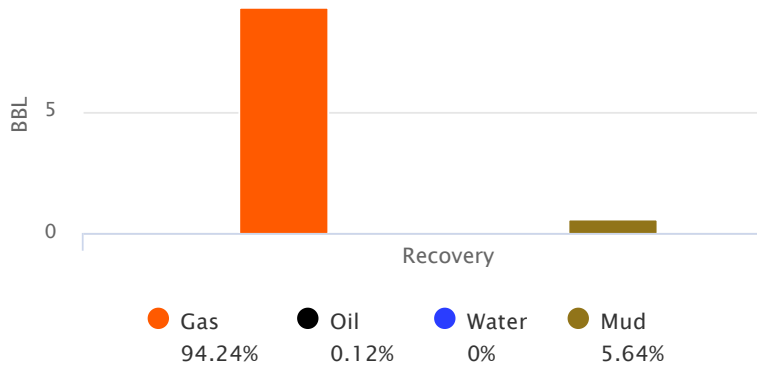
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
651	9.26373	G	100	0	0	0
42	0.59766	SLOCSLGCM	5	2	0	93

Total Recovered: 693 ft
 Total Barrels Recovered: 9.86139

Reversed Out
 NO

Initial Hydrostatic Pressure	1716	PSI
Initial Flow	12 to 16	PSI
Initial Closed in Pressure	884	PSI
Final Flow Pressure	18 to 28	PSI
Final Closed in Pressure	926	PSI
Final Hydrostatic Pressure	1717	PSI
Temperature	112	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 52.17899



**Company: Edison Operating
Company, LLC**

Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
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Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:

Uploading recovery &
pressures

DATE

September

04

2021

DST #1 Formation: Lans B/D Test Interval: 3698 - Total Depth: 3743'
3743'

Time On: 19:05 09/04

Time Off: 02:26 09/05

Time On Bottom: 21:19 09/04 Time Off Bottom: 00:29 09/05

BUCKET MEASUREMENT:

1st Open: 1" Blow. Built to 7 3/4 inches in 10 mintues.

1st Close: NOBB

2nd Open: 9" Blow. Blow Died Down to 2 inches in 45 mintues.

2nd Close: NOBB

REMARKS:

Tool Sample: 15% Gas 5% Oil 0% Water 80% Mud



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Lease: Marie #1-7

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Down Hole Makeup

Heads Up: 10.24 FT	Packer 1: 3693.02 FT
Drill Pipe: 3675.69 FT <i>ID-3 1/2</i>	Packer 2: 3698.02 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3682.44 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3736 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 44.98	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.48 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 8 FT <i>4 1/2-FH</i>	



**Company: Edison Operating
Company, LLC**

Lease: Marie #1-7

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DST #1 Formation: Lans B/D Test Interval: 3698 - Total Depth: 3743'
3743'

Time On: 19:05 09/04 Time Off: 02:26 09/05
Time On Bottom: 21:19 09/04 Time Off Bottom: 00:29 09/05

Mud Properties

Mud Type: Chem **Weight:** 8.9 **Viscosity:** 44 **Filtrate:** 12.8 **Chlorides:** 6500 ppm



**Company: Edison Operating
Company, LLC**
Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:
Uploading recovery &
pressures

DATE
September
04
2021

DST #1 Formation: Lans B/D Test Interval: 3698 - Total Depth: 3743'
3743'
Time On: 19:05 09/04 Time Off: 02:26 09/05
Time On Bottom: 21:19 09/04 Time Off Bottom: 00:29 09/05

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Edison Operating Company, LLC
Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1982 GL
 Field Name: Dillwin
 Pool: Infield
 Job Number: 508
 API #: 15-185-24087

Operation:
 Uploading recovery & pressures

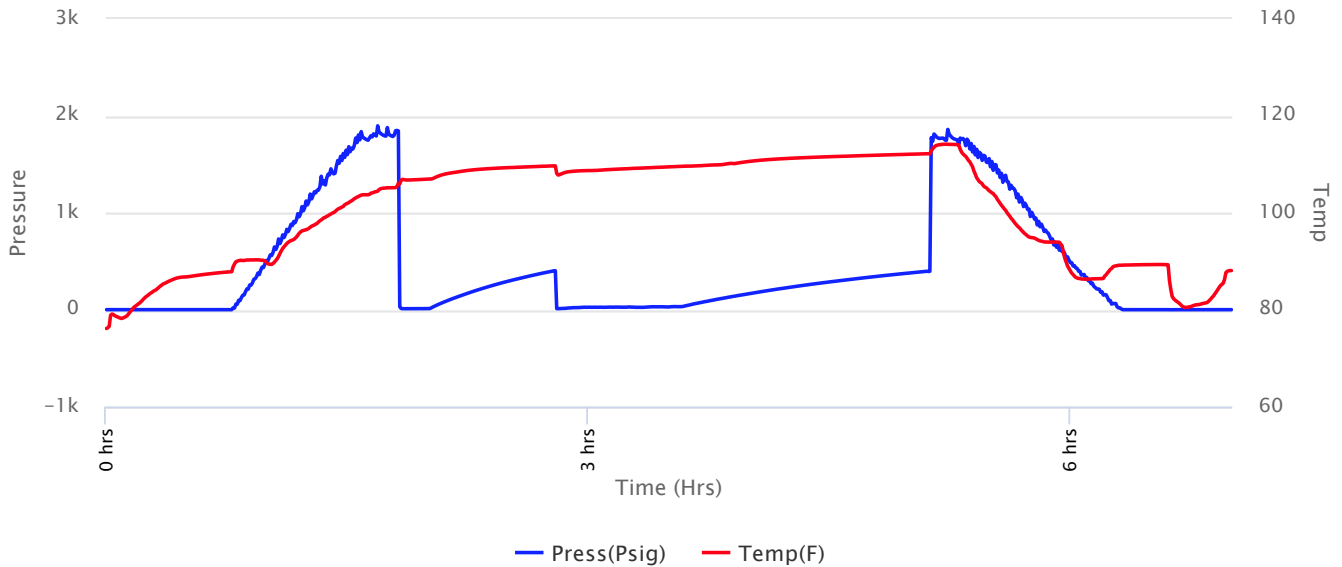
DATE
 September
05
 2021

DST #2 **Formation: Lans H** **Test Interval: 3806 - 3830'** **Total Depth: 3830'**
 Time On: 11:17 09/05 Time Off: 18:05 09/05
 Time On Bottom: 13:03 09/05 Time Off Bottom: 16:13 09/05

Electronic Volume Estimate:
 544'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 10	Minutes: 45	Minutes: 45	Minutes: 90
Current Reading: 20.2" at 10 min	Current Reading: 0" at 45 min	Current Reading: 35.8" at 45 min	Current Reading: 0" at 90 min
Max Reading: 20.2"	Max Reading: 0"	Max Reading: 35.8"	Max Reading: 0"

Inside Recorder





Company: Edison Operating Company, LLC
Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1982 GL
 Field Name: Dillwin
 Pool: Infield
 Job Number: 508
 API #: 15-185-24087

Operation:
 Uploading recovery & pressures

DATE
 September
05
 2021

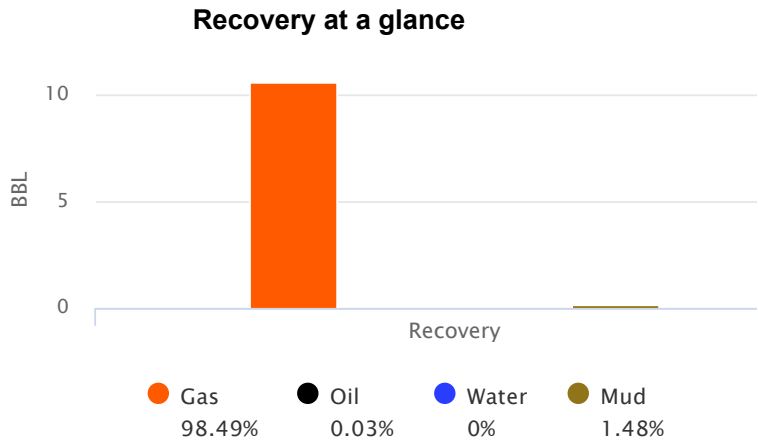
DST #2 **Formation: Lans H** **Test Interval: 3806 - 3830'** **Total Depth: 3830'**
 Time On: 11:17 09/05 Time Off: 18:05 09/05
 Time On Bottom: 13:03 09/05 Time Off Bottom: 16:13 09/05

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
744	10.58712	G	100	0	0	0
12	0.17076	SLOCSLGCM	5	2	0	93

Total Recovered: 756 ft
 Total Barrels Recovered: 10.75788

Reversed Out
 NO

Initial Hydrostatic Pressure	1787	PSI
Initial Flow	11 to 13	PSI
Initial Closed in Pressure	403	PSI
Final Flow Pressure	11 to 32	PSI
Final Closed in Pressure	396	PSI
Final Hydrostatic Pressure	1779	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	1.6	%



GIP cubic foot volume: 59.48932



**Company: Edison Operating
Company, LLC**

Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:
Uploading recovery &
pressures

DATE
September
05
2021

DST #2 Formation: Lans H Test Interval: 3806 - Total Depth: 3830'
3830'
Time On: 11:17 09/05 Time Off: 18:05 09/05
Time On Bottom: 13:03 09/05 Time Off Bottom: 16:13 09/05

BUCKET MEASUREMENT:

1st Open: 1" Blow BOB in 3 mintues
1st Close: NOBB
2nd Open: BOB Instantly
2nd Close: NOB

REMARKS:

Tool Sample: 5% Gas 1% Oil 0% Water 94% Mud



**Company: Edison Operating
Company, LLC**
Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:
Uploading recovery &
pressures

DATE
September
05
2021

DST #2 Formation: Lans H Test Interval: 3806 - Total Depth: 3830'
3830'
Time On: 11:17 09/05 Time Off: 18:05 09/05
Time On Bottom: 13:03 09/05 Time Off Bottom: 16:13 09/05

Down Hole Makeup

Heads Up: 29.17 FT	Packer 1: 3801 FT
Drill Pipe: 3802.6 FT <i>ID-3 1/2</i>	Packer 2: 3806 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3790.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3811 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 24	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 20 FT <i>4 1/2-FH</i>	



**Company: Edison Operating
Company, LLC**

Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:
Uploading recovery &
pressures

DATE
September
05
2021

DST #2 Formation: Lans H Test Interval: 3806 - Total Depth: 3830'
3830'

Time On: 11:17 09/05 Time Off: 18:05 09/05
Time On Bottom: 13:03 09/05 Time Off Bottom: 16:13 09/05

Mud Properties

Mud Type: Chem **Weight:** 8.8 **Viscosity:** 50 **Filtrate:** 9.6 **Chlorides:** 9000 ppm



**Company: Edison Operating
Company, LLC**
Lease: Marie #1-7

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:
Uploading recovery &
pressures

DATE
September
05
2021

DST #2 Formation: Lans H Test Interval: 3806 - Total Depth: 3830'
3830'
Time On: 11:17 09/05 Time Off: 18:05 09/05
Time On Bottom: 13:03 09/05 Time Off Bottom: 16:13 09/05

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Edison Operating Company, LLC
Lease: Marie #1-17

SEC: 17 TWN: 24S RNG: 14W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1982 GL
 Field Name: Dillwin
 Pool: Infield
 Job Number: 508
 API #: 15-185-24087

Operation:
 Uploading recovery & pressures

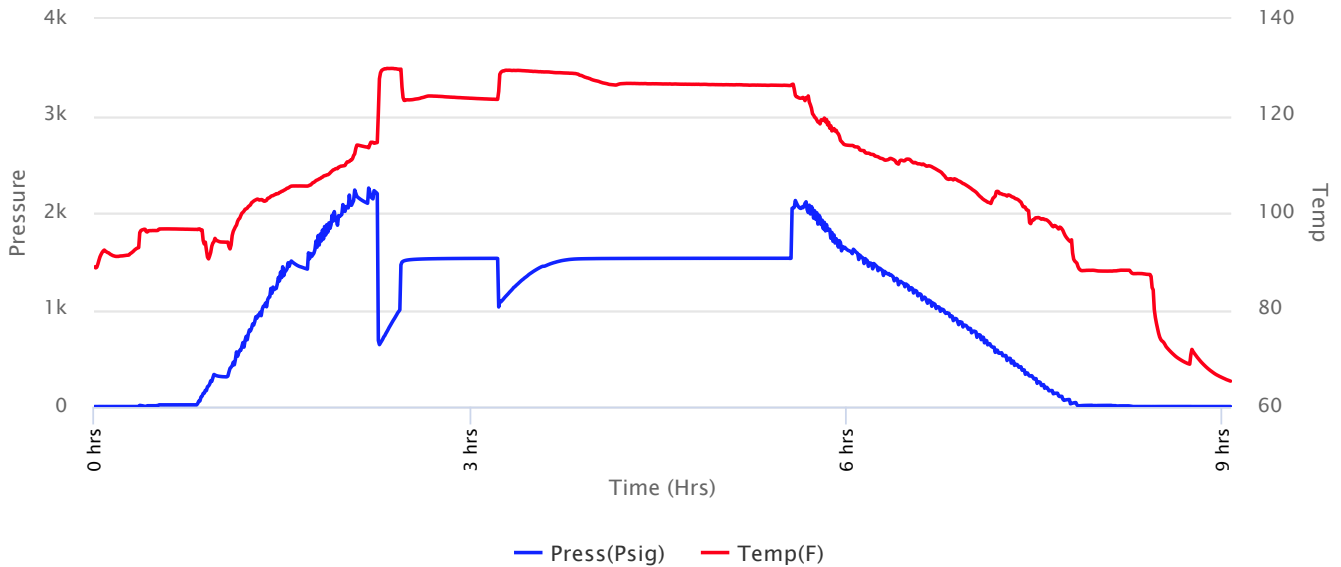
DATE
 September
07
 2021

DST #3 Formation: Arbuckle Test Interval: 4240 - 4317' Total Depth: 4317'
 Time On: 13:42 09/07 Time Off: 22:30 09/07
 Time On Bottom: 15:54 09/07 Time Off Bottom: 19:04 09/07

Electronic Volume Estimate:
 4212'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 10	Minutes: 45	Minutes: 45	Minutes: 90
Current Reading: 157.6" at 10 min	Current Reading: 0" at 45 min	Current Reading: 378" at 45 min	Current Reading: 0" at 90 min
Max Reading: 157.6"	Max Reading: 6"	Max Reading: 378"	Max Reading: 0"

Inside Recorder





Company: Edison Operating Company, LLC
Lease: Marie #1-17

SEC: 17 TWN: 24S RNG: 14W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1982 GL
 Field Name: Dillwin
 Pool: Infield
 Job Number: 508
 API #: 15-185-24087

Operation:
 Uploading recovery & pressures

DATE
 September
07
 2021

DST #3 Formation: Arbuckle Test Interval: 4240 - 4317' Total Depth: 4317'
 Time On: 13:42 09/07 Time Off: 22:30 09/07
 Time On Bottom: 15:54 09/07 Time Off Bottom: 19:04 09/07

Recovered

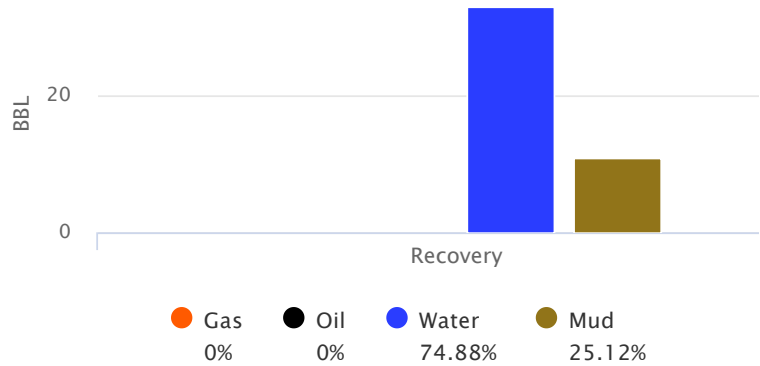
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
456	6.48888	HWCM	0	0	30	70
819	11.65437	HMCW	0	0	55	45
1827	25.99821	SLMCW	0	0	95	5

Total Recovered: 3102 ft
 Total Barrels Recovered: 44.14146

Reversed Out
 NO

Initial Hydrostatic Pressure	2098	PSI
Initial Flow	640 to 998	PSI
Initial Closed in Pressure	1529	PSI
Final Flow Pressure	1028 to 1444	PSI
Final Closed in Pressure	1530	PSI
Final Hydrostatic Pressure	2102	PSI
Temperature	130	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Edison Operating
Company, LLC**

Lease: Marie #1-17

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:

Uploading recovery &
pressures

DATE

September

07

2021

DST #3 Formation: Arbuckle Test Interval: 4240 - Total Depth: 4317'
4317'

Time On: 13:42 09/07

Time Off: 22:30 09/07

Time On Bottom: 15:54 09/07 Time Off Bottom: 19:04 09/07

BUCKET MEASUREMENT:

1st Open: 2" Blow. BOB in 2 mintues

1st Close: 6" Blow Back

2nd Open: 9" Blow. BOB in 30 secs

2nd Close: NOBB

REMARKS:

Inside recorder had file issues.

Tool Sample: 0% Gas 0% Oil 97% Water 3% Mud

Ph: 7

Measured RW: .26 @ 70 degrees °F

RW at Formation Temp: 0.146 @ 130 °F

Chlorides: 40000 ppm



Company: Edison Operating Company, LLC

Lease: Marie #1-17

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:
Uploading recovery & pressures

DATE
September
07
2021

DST #3 Formation: Arbuckle Test Interval: 4240 - 4317' Total Depth: 4317'

Time On: 13:42 09/07 Time Off: 22:30 09/07
Time On Bottom: 15:54 09/07 Time Off Bottom: 19:04 09/07

Down Hole Makeup

Heads Up: 6.7 FT	Packer 1: 4234.98 FT
Drill Pipe: 4214.11 FT <i>ID-3 1/2</i>	Packer 2: 4239.98 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4224.4 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4310 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 77.02	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 63.52 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 8 FT <i>4 1/2-FH</i>	



**Company: Edison Operating
Company, LLC**

Lease: Marie #1-17

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:
Uploading recovery &
pressures

DATE
September
07
2021

DST #3 Formation: Arbuckle Test Interval: 4240 - Total Depth: 4317'
4317'

Time On: 13:42 09/07 Time Off: 22:30 09/07
Time On Bottom: 15:54 09/07 Time Off Bottom: 19:04 09/07

Mud Properties

Mud Type: Chen **Weight:** 9.4 **Viscosity:** 55 **Filtrate:** 12 **Chlorides:** 9000 ppm



Company: Edison Operating Company, LLC

Lease: Marie #1-17

SEC: 17 TWN: 24S RNG: 14W
County: STAFFORD
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1982 GL
Field Name: Dillwin
Pool: Infield
Job Number: 508
API #: 15-185-24087

Operation:
Uploading recovery & pressures

DATE
September
07
2021

DST #3 Formation: Arbuckle Test Interval: 4240 - 4317' Total Depth: 4317'

Time On: 13:42 09/07 Time Off: 22:30 09/07
Time On Bottom: 15:54 09/07 Time Off Bottom: 19:04 09/07

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



HURRICANE SERVICES INC

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: 8/30/2021
Invoice #: 0355164
Lease Name: Marie
Well #: 1-17 (New)
County: Stafford, Ks
Job Number: WP1803
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-CON	190.000	18.900	3,591.00
Cement Class A	190.000	15.300	2,907.00
Calcium Chloride	895.000	0.675	604.12
Cello Flake	97.000	1.575	152.78
Wooden plug 8 5/8"	1.000	135.000	135.00
Light Eq Mileage	25.000	1.800	45.00
Heavy Eq Mileage	25.000	3.600	90.00
Ton Mileage	448.000	1.350	604.80
Cement Pump Service	1.000	675.000	675.00
Cement Plug Container	1.000	225.000	225.00

*Cement For 8 5/8" CSW
9232
~*

Total 9,029.70

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.

WE APPRECIATE YOUR BUSINESS!



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: 9/9/2021
 Invoice #: 0355416
 Lease Name: Marie
 Well #: 1-17 (New)
 County: Stafford, Ks
 Job Number: WP1839
 District: Pratt

Date/Description	HRS/QTY	Rate	Total
5 1/2" Longstring	0.000	0.000	0.00
H-Long	135.000	25.200	3,402.00
H-Plug	50.000	11.700	585.00
Cello Flake	35.000	1.575	55.13
Type B basket shoe 5 1/2"	1.000	1,319.400	1,319.40
5 1/2" LD Plug & Baffle	1.000	315.000	315.00
Cement baskets 5 1/2"	3.000	270.000	810.00
5 1/2" Turbolizers	5.000	72.000	360.00
Mud flush	500.000	0.900	450.00
Light Eq Mileage	25.000	1.800	45.00
Heavy Eq Mileage	25.000	3.600	90.00
Ton Mileage	211.000	1.350	284.85
Depth Charge 3001'-4000'	1.000	2,025.000	2,025.00
Cement Plug Container	1.000	225.000	225.00

Total 9,966.38

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% 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.

WE APPRECIATE YOUR BUSINESS!



CEMENT TREATMENT REPORT

Customer: Edison Operating	Well: Marie 1-17	Ticket: wp1839
City, State: Dillwyn Kansas	County: Stafford Kansas	Date: 9/9/2021
Field Rep: Ricky popp	S-T-R: 17-24s-14w	Service: 5.5

Downhole Information	
181/533	7 7/8 in
Hole Depth:	4510 ft
Casing Size:	5 1/2 in
Casing Depth:	4407 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbbls

Calculated Slurry - Lead	
Blend:	H-Long
Weight:	15.0 ppg
Water / Sx:	6.0 gal / sx
Yield:	1.42 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	34.1 bbls
Total Sacks:	135 sx

Calculated Slurry - Tail	
Blend:	H-Plug
Weight:	13.7 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	12.7 bbls
Total Sacks:	50 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
12:30 AM			-	-	on location job and safety
12:45 AM				-	spot trucks and rig up
				-	
				-	baskets joints 3,7,11
				-	turbolizers 1,3,5,7,9
2:30 AM				-	start casing in the hole
5:00 AM				-	casing on bottom
5:20 AM				-	rig up to circulate
				-	
5:50 AM				-	start flush
	4.0	250.0	5.0	5.0	fresh water
	4.0	250.0	12.0		500 gal mud flush
	4.0	250.0	5.0		fresh water
6:05 AM	2.0	-	12.7		plug rat and mouse 30 sacks in rat hole 20 sacks in the nmouse
6:15 AM					start cement down hole
6:30 AM	4.0	350.0	34.0		cement in and shut down mix 135 sacks H-long
					wash pump and lines
6:50 AM	4.0	280.0			start displacement
	6.0	270.0	60.0		
	6.0	750.0	70.0		
7:15 AM	3.0	800.0	102.0		plug down ...plug did hold
					took plug from 800 psi to 1600psi

CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	R Osborn	176/521	4.1 bpm	356 psi	301 bbls
Bulk #1:	R Valdez	181/533			
Bulk #2:					

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



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

Dwight D. Keen, Chair
Susan K. Duffy, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

February 15, 2022

DAVID WITHROW
Edison Operating Company LLC
8100 E. 22ND ST. N., BLDG 1900
WICHITA, KS 67226-2319

Re: ACO-1
API 15-185-24087-00-00
MARIE 1-17
SE/4 Sec.17-24S-14W
Stafford County, Kansas

Dear DAVID WITHROW:

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

The above referenced well was spudded on 8/30/2021 and the ACO-1 was received on January 19, 2022 (not within the 120 days timely requirement).

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

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

Sincerely,

Production Department