

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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

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

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

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

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

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

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

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_

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

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

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

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

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

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

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

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

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

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

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

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

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

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

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

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

Location of fluid disposal if hauled offsite:

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

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

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

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: \_\_\_\_\_

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

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

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

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

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Raymond Oil Company, Inc.
Well Name	FRUSHER-LEWIS TRUST UNIT 1
Doc ID	1572174

All Electric Logs Run

Micro
Dual Ind
Comp N/D
Sonic Log







TICKET 33682

CHARGE TO: Raymond Oil Co  
 ADDRESS  
 CITY, STATE, ZIP CODE

PAGE 1 OF 1

1. SERVICE LOCATION# <u>Ness City, KS</u>	WELL/PROJECT NO. <u># 1</u>	LEASE <u>Fisher-Lewis Trust</u>	COUNTY/PARISH <u>Holcomb</u>	STATE <u>KS</u>	CITY	DATE <u>4-26-2021</u>	OWNER	
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>LD</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>LOCATION</u>	WELL PERMIT NO.	ORDER NO.		
3. WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Surface Pipe</u>				WELL LOCATION <u>Ness City, S to XRD,</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS <u>2-E, N-1mb</u>							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		UM	UM		
575		1			MILEAGE <u>TRK #112</u>	80	mi	5.00	400.00
576S		1			<u>Ramp Charge - Surface</u>	1	job	925.00	925.00
325		1			<u>Standard CMT</u>	165	skt	13.50	2227.50
274		1			<u>BENTONITE GEL</u>	3	skt	30.00	90.00
278		1			<u>Calcium Chloride</u>	8	skt	40.00	320.00
290		1			<u>D-Air</u>	2	gal	42.00	84.00
581		1			<u>CMT Service Charge</u>	1	job	305.00	305.00
582		1			<u>Drayage - Minimum Charge</u>	1	job	250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.  
 X

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

DATE SIGNED 4-27-2021 TIME SIGNED 12:30  A.M.  P.M.

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

OPERATOR Anderson Trucks APPROVAL

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDISCORDED	DISAGREE	PAGE TOTAL	TOTAL
WE UNDERSTOOD AND MET YOUR NEEDS?				102	4058.95
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				94	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				18	
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		187	138
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

Thank You!

JC-206

SWIFT Services, Inc.

DATE 4-26-2021 PAGE NO. 1

CUSTOMER Raymond Oil Co WELL NO #1 LEASE Frusher-Lewis Trust Unit JOB TYPE Surface Pipe TICKET NO. 33682

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
4-26-21	2300							ON LOCATION 8 5/8" 24lb/ft
								RTD: 263 TP: 260.90'
	2345							Start 8 5/8" 24lb/ft Csg in well
4-27-21	0100							Break Circulation
	0110	3 1/2	5		✓		250	Pump 5 bbl H2O Spacer
	0115	4	40		✓		200	Mix 165 sks of Standard CMT @ 4.7 ppg
	0125	4	0		✓		100	Begin Displacement
			13				300	* Circulate CMT to Surface
	0130		15.75		✓		200	KO Pump * Shut in * <u>PLUG DOWN</u> - Release Pressure * Hold * - 10 sks to the Pit <del>100</del> Wash up Trk #112
								Job Complete
								165 sks of Standard CMT w/ 2% gel + 3% CC used * 10 sks to the Pit *
								Thanks!
								Bideon, Kirby, Dunty
								* Plug Down @ 1:30 AM CST



# KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 \* WICHITA, KS

## GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY RAYMOND OIL COMPANY, INC.

LEASE 1 FRUSHER - Lewis Trust UNIT

FIELD WILDCAT

LOCATION 1109' 6SL 1/4 2526 FWL

SEC 4 TWP 21S RGE 23W

COUNTY HODGEMAN STATE KANSAS

CONTRACTOR L.D. DRILLING, INC.

SPUD 4-26-21 COMP 5-C-21

RTD 4598 LTD 4598

MUD UP 3496 TYPE MUD CHEMICAL

SAMPLES SAVED FROM \_\_\_\_\_ 3500 TO 4598

DRILLING TIME KEPT FROM \_\_\_\_\_ 3500 TO 4598

SAMPLES EXAMINED FROM \_\_\_\_\_ 3500 TO 4598

GEOLOGICAL SUPERVISION FROM \_\_\_\_\_ 3800 TO 4598

GEOLOGIST ON WELL Kim B. SHOEMAKER

ELEVATIONS

KB 2304

DF \_\_\_\_\_

CI 2299

Measurements Are All From 2304 KB

CASING

SURFACE 8 5/8" @ 260

PRODUCTION \_\_\_\_\_

ELECTRICAL SURVEYS

DUAL T.M.D. DEN'N, MICRO, SONIC

FORMATION TOPS

LOG

SAMPLES

ANHYDRITE 1906 + 798 1497 + 807

HEBERNER 3802 - 1498 3800 - 1496

LANSING 3852 - 1548 3852 - 1548

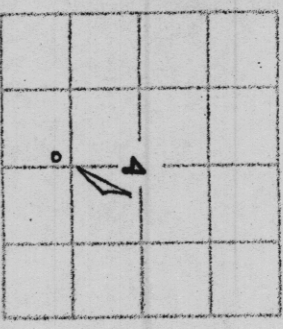
B/KC 4189 - 1885 4187 - 1883

PAWNEE 4313 - 2009 4310 - 2006

FORT SCOT 4383 - 2079 4380 - 2076

CHEROKEE 4408 - 2104 4407 - 2103

MISSISSIPPI 4476 - 2172 4180 - 2176



### REMARKS

API: 15-083-21980

- 4-26-21 SPUD
- 4-27 @ 263'
- 4-28 @ 1265'
- 4-29 @ 2270'
- 4-30 @ 2900'
- 5-1 @ 3418'
- 5-2 @ 4022'
- 5-3 @ 4365'
- 5-4 @ 4500'
- 5-5 @ 4530'
- 5-6 @ 4598'

### LEGEND

Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Col.Lime	Chert	Dolomite

DRILLING TIME IN MINUTES

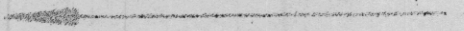


LITHOLOGY

DRILLING TIME IN MINUTES

PER FOOT

Rate of Penetration Increases



5" 10" 15" 20" 25"

DEPTH

SAMPLE DESCRIPTIONS

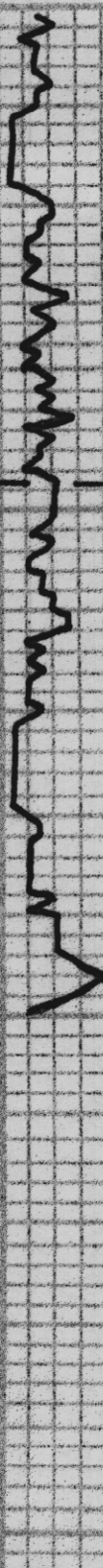
REMARKS

1450

1500

1550

3500



✓ LOG

ANHYDRITE 1497+807

Samples are Logged

15. G. USG. Foss.



WL: 8.8

CHL: 1500

LS. wt vsi. Foss. sli. chllg.

LS. wt chllg. Foss. Calcitic

LS. wt. sli. Foss. sli. chllg.

sh. G.

LS. Tn Foss. sli. Calcitic

A G. Foss.

sh. DK, BLK

LS. Bv. sli. Foss.

sh. Llg. G.

LS. G. St. Foss.

LS. wt Llg. Foss. sli. Calcitic

LS. wt ool. Foss.

sh. Wlg.

LS. Bv. vsli. Foss.

LS. Tn Foss. sh. A

LS. wt Tn Foss. vsli. Calcitic

LS. wt. chllg.

3600

3700



LS. Ta wt. SA Foss. V. Fa. in Suv.

LS. Ta. Successive VSii Foss.

LS. wt. L. B. Fa. in Foss. Sli. Chlly.

3800

✓ L06

**HEEBNER** 3800-1996  
Sh. Bx Carb.

Sh. L. G. G.

LS. wt. Ta. Sli. Foss. Sli. A

LS. wt. VSii Foss. Sli. A

Sh. L. G. G.

**LANSING** 3852-1598

LS. Ta. wt. Foss. Sli. A

LS. Ta. Chlly. Sli. A

Sh. L. G. G.

LS. L. G. G. Foss. VSii. Chlly.

LS. Ta. VSii. Foss. Sli. A

3900

LS. wt. Foss.ool. Sli. chlly.

LS. wt. VSii. Foss. Sli. chlly.

Sh. Dec.

LS. G. VSii. Foss.

Sh. Rd.

LS. Ta. Chlly. Sli. A



4000

4100

VIS: 53 WT: 8.9  
WL: 5.8 CNL: 1100

STARK 4116-1812

1206

LS. wt. VSi Foss.

LS. Ta Sh Foss Si A

Δ wt

LS. wt. Si Foss Si chly

LS. wt Ta col VSi ooc.

LS. chly. Si col Si chly.

Sh Bbk.

LS. Bu Si Foss Si Calcitic

Sh Blchly.

Δ chly. wt

LS. Ta VSi Foss Si A

Sh DKly

LS. Blchly. VSi Foss

LS. chly. VSi A

Sh chly. Bkchly.

LS. Ta VSi Foss Si A

Sh Lchly.

LS. Ta chly. col. VSi chly.

LS. chly. Ta Si A

Sh DKly.

LS. wt VSi Foss Si chly.

LS. chly. Si Foss Si A



Sh. Brk Carb.

Ls. DC Brk. VSl. Foss

Ls. wt. Lg. Sl. Foss Sl. Chlky

**B/KC**

**4187-1883**

Sh. G. lky

Ls. Br. VSl. Foss Calcitic

Sh. Lt. Blue-G.

Ls. Lg. VSl. A

Sh. Lg. Blue

Ls. Yellow Foss - Lt. G. w/ Rd. ch.

Sh. Rd. G.

Ls. Tan. Sl. A

Sh. Rd. G. ~~Sh.~~

Ls. G. Sl. A

Ls. wt. Tan. Sh. Foss Sl. Chlky

Sh. Blue G.

Ls. wt. VSl. Foss Sl. A

Ls. G. Sl. A

**PANNEE**

**4310-2006**

Sh. DC G.

Ls. Lg. VSl. Foss.

Ls. G. V. Foss Sl. lky

Ls. Tan. VSl. Foss Sl. A

4200

4300

JL06



VIS: 50 WT: 9.3  
WL: 7.2 CHL: 4800

25. G. Dry. Silty

Sh. Blk Carb.

**FORT SCOTT 4380-2076**

25. wt foss Silty Sil. Calcite

25. Lgy.ool. Silty Chlly.

25. wt Foss-Sil Foss Chlly.

**CHEROKEE 4407-2103**

Sh. Blk Carb.

25. G. Lgy. Sil Foss-ool.

25. T. h. VSi Foss Sil

Sh. Dry.

25. G. Br. VSS Foss

25. wt VSi Foss Calcite T. DE Blk Carb  
Ti Fo No Flow No Mud

Sh. Lgy. Blue

Sh. Rd Lgy Yellow Blue

**MISSISSIPPI 4480-2176**

Dol. Lgy. V Foss Sil Foss P. Vgy  
DE Blk Sil Sil VSS Fo Dull Flow V Fldoc

Dol. T. Br. V Foss Sil Foss P. Vgy  
DE Blk Sil VSS Fo No Flow V Fldoc

VIS: 58 WT: 9.3  
WL: 8.0 CHL: 4900

Sh. Lgy. Yellow

Dol. Lgy. V Foss P. Vgy  
DE Blk Sil Sil VSS Fo Dull Flow Fldoc

Dol. T. Br. V Foss V Foss Foss Sil  
P. P. Vgy Md Blk Sil VSS Fo Fl Flow Fldoc

VIS: 46 WT: 9.3  
WL: 6.8 CHL: 6000

25 wt Foss Silty Chlly.

Dol. wt Lgy Foss Sil

Δ wt Sil Foss

Δ wt Lgy

Lk. wt Lgy. Sil Foss Sil

Short Trip @ 4409

DST (1)

DST (2)

Pipe Strap

Strp 4505.50

Bd 4504.37

115' Long

**DST (1) 4425-4500**

1st OPEN: Blow built to 1/2"

2nd OPEN: No Blow

30-60-45-90

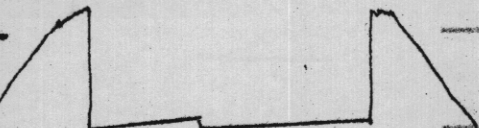
Rec. 5' Mud

Tool Sample  
.1% oil  
99.9% M

FP: 12-14 14:30\*

SIP: 119-89\*

Temp. 118°F



**DST (2) 4428-4530**

1st open: Blow built to 3/4"

2nd open: " " " 3/4"

30-60-45-90

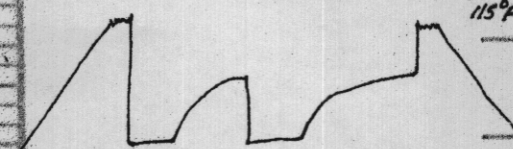
Rec. 40' Mud

Tool Sample  
2% oil  
99.8% Mud

FP: 14-21 23:30\*

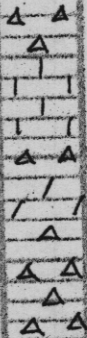
SIP: 1218-1201\*

Temp. 115°F

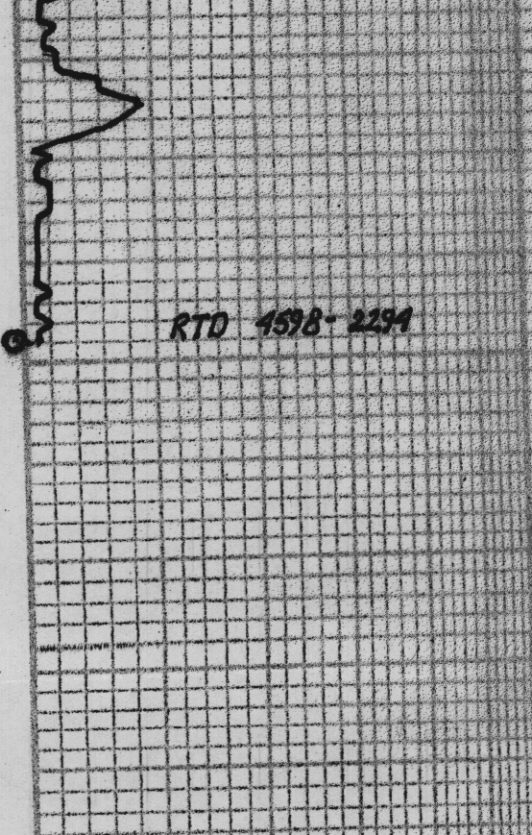


4400

4500



4600



RTD 4598-2294

Δ wt Dol. wt v Fresh Svc.

LS. wt St. Facs w/ Ti. Glave.

Δ wt

Dol. Ti Fresh Svc.

Δ wt Tripolitic



**Company: Raymond Oil Company, Inc**  
**Lease: Frusher-Lewis Trust Unit #1**

SEC: 4 TWN: 21S RNG: 23W  
 County: HODGEMAN  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2294 EGL  
 Field Name: Sandpit North Ext  
 Pool: WILDCAT  
 Job Number: 476  
 API #: 15-083-21980

**Operation:**  
 Well Complete

**DATE**  
 May  
**04**  
 2021

**DST #1**      **Formation: Mississippi**      **Test Interval: 4425 - 4500'**      **Total Depth: 4500'**  
 Time On: 01:48 05/04      Time Off: 10:25 05/04  
 Time On Bottom: 04:22 05/04      Time Off Bottom: 08:11 05/04

Electronic Volume Estimate:  
 6'

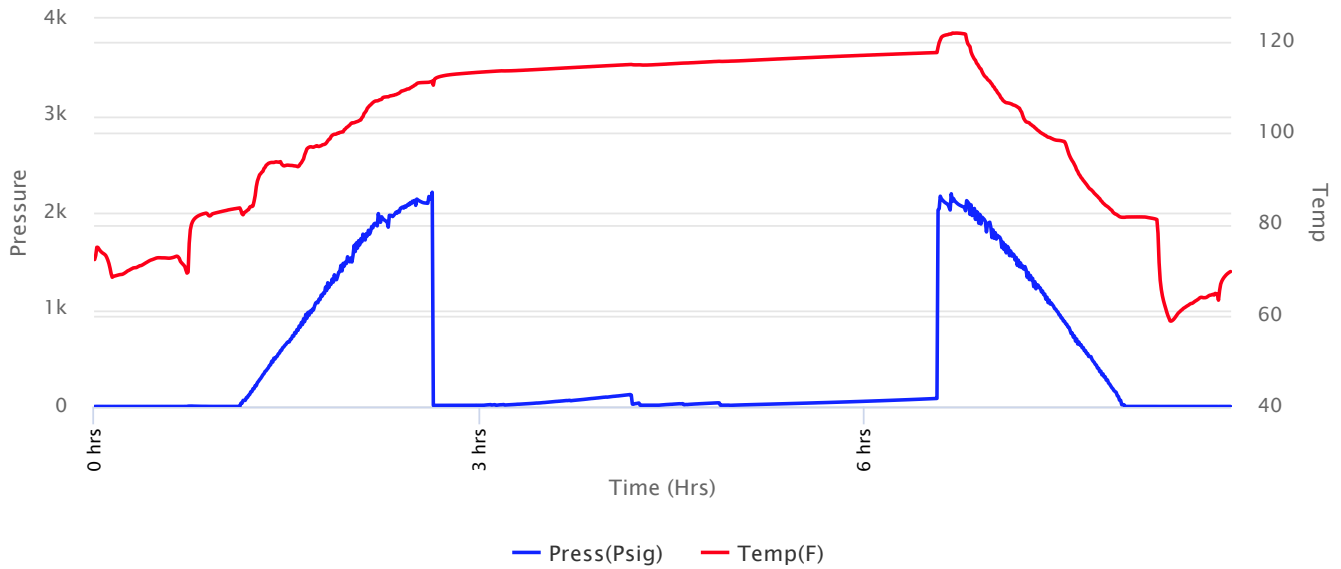
1st Open  
 Minutes: 30  
 Current Reading: .5" at 30 min  
 Max Reading: .5"

1st Close  
 Minutes: 60  
 Current Reading: 0" at 60 min  
 Max Reading: 0"

2nd Open  
 Minutes: 45  
 Current Reading: 0" at 45 min  
 Max Reading: 0"

2nd Close  
 Minutes: 94  
 Current Reading: 0" at 94 min  
 Max Reading: 0"

Inside Recorder





**Company: Raymond Oil Company, Inc**

**Lease: Frusher-Lewis Trust Unit #1**

SEC: 4 TWN: 21S RNG: 23W  
 County: HODGEMAN  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2294 EGL  
 Field Name: Sandpit North Ext  
 Pool: WILDCAT  
 Job Number: 476  
 API #: 15-083-21980

**Operation:**  
 Well Complete

**DATE**  
 May  
**04**  
 2021

**DST #1**      **Formation: Mississippi**      **Test Interval: 4425 - 4500'**      **Total Depth: 4500'**  
 Time On: 01:48 05/04      Time Off: 10:25 05/04  
 Time On Bottom: 04:22 05/04      Time Off Bottom: 08:11 05/04

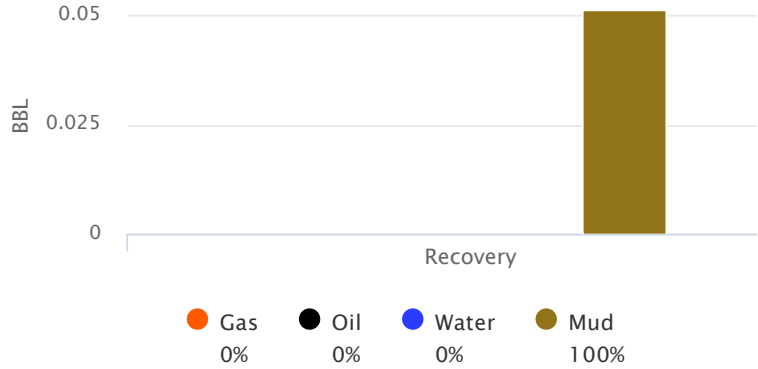
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.0513	M	0	0	0	100

Total Recovered: 5 ft  
 Total Barrels Recovered: 0.0513

**Reversed Out**  
**NO**

**Recovery at a glance**



Initial Hydrostatic Pressure	2140	PSI
Initial Flow	12 to 14	PSI
<b>Initial Closed in Pressure</b>	<b>119</b>	<b>PSI</b>
Final Flow Pressure	14 to 30	PSI
<b>Final Closed in Pressure</b>	<b>84</b>	<b>PSI</b>
Final Hydrostatic Pressure	2130	PSI
Temperature	118	°F
Pressure Change Initial Close / Final Close	30.0	%

GIP cubic foot volume: 0





**Company: Raymond Oil  
Company, Inc**

**Lease: Frusher-Lewis Trust Unit  
#1**

SEC: 4 TWN: 21S RNG: 23W  
County: HODGEMAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2294 EGL  
Field Name: Sandpit North Ext  
Pool: WILDCAT  
Job Number: 476  
API #: 15-083-21980

**Operation:**  
Well Complete

**DATE**  
May  
**04**  
2021

**DST #1**      **Formation:**  
Mississippi      **Test Interval: 4425 -**  
4500'      **Total Depth: 4500'**  
Time On: 01:48 05/04      Time Off: 10:25 05/04  
Time On Bottom: 04:22 05/04      Time Off Bottom: 08:11 05/04

**BUCKET MEASUREMENT:**

1st Open: Surface blow building to 1/2 in.  
1st Close: No blow back.  
2nd Open: No blow.  
2nd Close: No blow back.

**REMARKS:**

Tool Sample: 0% Gas .1% Oil 0% Water 99.9% Mud



# Company: Raymond Oil Company, Inc

## Lease: Frusher-Lewis Trust Unit #1

SEC: 4 TWN: 21S RNG: 23W  
County: HODGEMAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc - Rig 1  
Elevation: 2294 EGL  
Field Name: Sandpit North Ext  
Pool: WILDCAT  
Job Number: 476  
API #: 15-083-21980

**Operation:**  
Well Complete

**DATE**  
May  
**04**  
2021

**DST #1**      **Formation:** Mississippi      **Test Interval:** 4425 - 4500'      **Total Depth:** 4500'  
Time On: 01:48 05/04      Time Off: 10:25 05/04  
Time On Bottom: 04:22 05/04      Time Off Bottom: 08:11 05/04

### Down Hole Makeup

<b>Heads Up:</b> 17.31 FT	<b>Packer 1:</b> 4420.26 FT
<b>Drill Pipe:</b> 4410 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4425.26 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4409.68 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4464 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 74.74	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 31.74 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 37 FT <i>4 1/2-FH</i>	



**Company: Raymond Oil  
Company, Inc**

**Lease: Frusher-Lewis Trust Unit  
#1**

SEC: 4 TWN: 21S RNG: 23W  
County: HODGEMAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2294 EGL  
Field Name: Sandpit North Ext  
Pool: WILDCAT  
Job Number: 476  
API #: 15-083-21980

**Operation:**  
Well Complete

**DATE**  
May  
**04**  
2021

**DST #1**      **Formation:**  
Mississippi      **Test Interval: 4425 -**  
4500'      **Total Depth: 4500'**  
Time On: 01:48 05/04      Time Off: 10:25 05/04  
Time On Bottom: 04:22 05/04      Time Off Bottom: 08:11 05/04

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.3      **Viscosity:** 50      **Filtrate:** 7.2      **Chlorides:** 4 800 ppm



# Company: Raymond Oil Company, Inc

## Lease: Frusher-Lewis Trust Unit #1

SEC: 4 TWN: 21S RNG: 23W  
County: HODGEMAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc - Rig 1  
Elevation: 2294 EGL  
Field Name: Sandpit North Ext  
Pool: WILDCAT  
Job Number: 476  
API #: 15-083-21980

**Operation:**  
Well Complete

**DATE**  
May  
**04**  
2021

**DST #2**      **Formation: Mississippi**      **Test Interval: 4428 - 4530'**      **Total Depth: 4530'**  
Time On: 20:22 05/04      Time Off: 04:46 05/05  
Time On Bottom: 22:48 05/04      Time Off Bottom: 02:33 05/05

Electronic Volume Estimate:  
18'

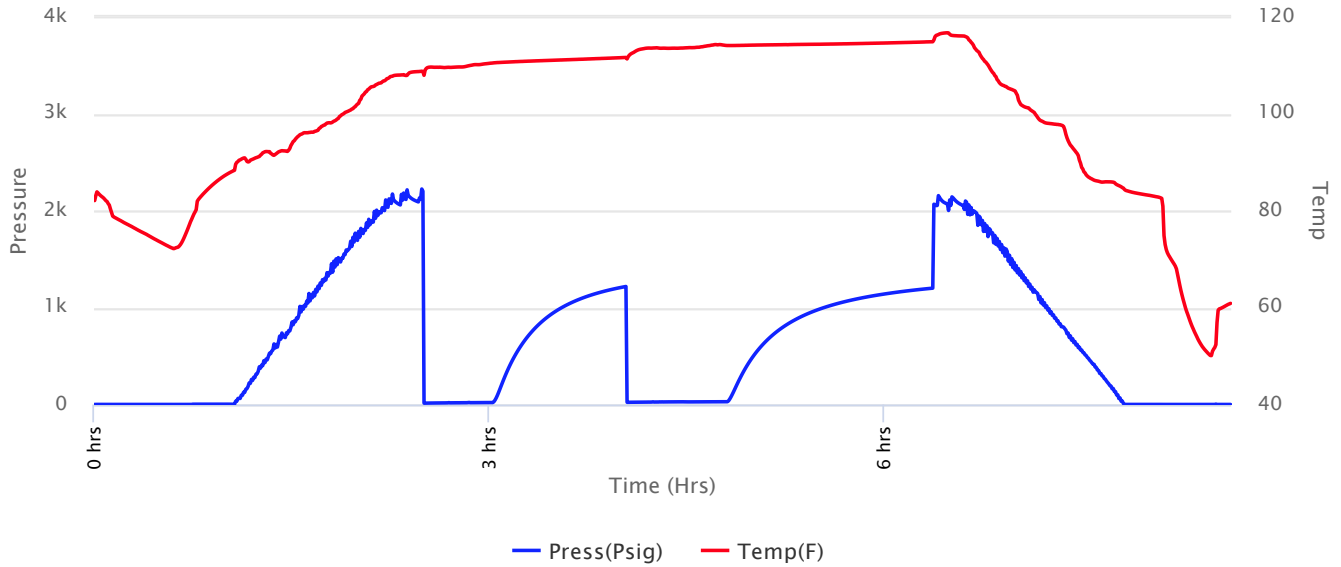
1st Open  
Minutes: 30  
Current Reading: .9" at 30 min  
Max Reading: .9"

1st Close  
Minutes: 60  
Current Reading: 0" at 60 min  
Max Reading: 0"

2nd Open  
Minutes: 45  
Current Reading: .6" at 45 min  
Max Reading: .6"

2nd Close  
Minutes: 90  
Current Reading: 0" at 90 min  
Max Reading: 0"

Inside Recorder







**Company: Raymond Oil Company, Inc**  
**Lease: Frusher-Lewis Trust Unit #1**

SEC: 4 TWN: 21S RNG: 23W  
 County: HODGEMAN  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2294 EGL  
 Field Name: Sandpit North Ext  
 Pool: WILDCAT  
 Job Number: 476  
 API #: 15-083-21980

**Operation:**  
 Well Complete

**DATE**  
 May  
**04**  
 2021

**DST #2**      **Formation: Mississippi**      **Test Interval: 4428 - 4530'**      **Total Depth: 4530'**  
 Time On: 20:22 05/04      Time Off: 04:46 05/05  
 Time On Bottom: 22:48 05/04      Time Off Bottom: 02:33 05/05

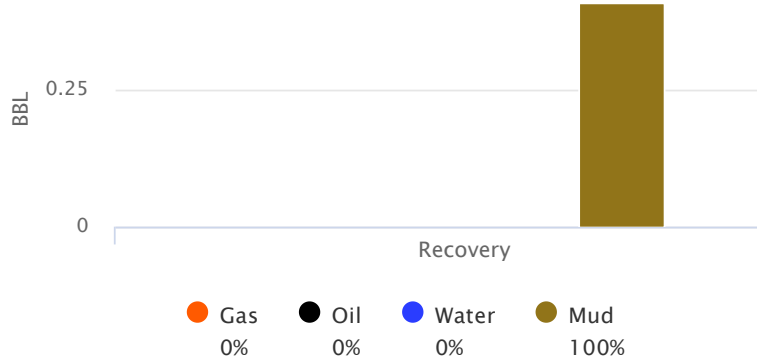
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
40	0.4104	M	0	0	0	100

Total Recovered: 40 ft  
 Total Barrels Recovered: 0.4104

**Reversed Out**  
**NO**

**Recovery at a glance**



Initial Hydrostatic Pressure	2121	PSI
Initial Flow	14 to 21	PSI
<b>Initial Closed in Pressure</b>	<b>1218</b>	<b>PSI</b>
Final Flow Pressure	23 to 30	PSI
<b>Final Closed in Pressure</b>	<b>1201</b>	<b>PSI</b>
Final Hydrostatic Pressure	2118	PSI
Temperature	115	°F
Pressure Change Initial Close / Final Close	1.4	%

GIP cubic foot volume: 0



**Company: Raymond Oil  
Company, Inc**

**Lease: Frusher-Lewis Trust Unit  
#1**

SEC: 4 TWN: 21S RNG: 23W  
County: HODGEMAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2294 EGL  
Field Name: Sandpit North Ext  
Pool: WILDCAT  
Job Number: 476  
API #: 15-083-21980

**Operation:**  
Well Complete

**DATE**  
May  
**04**  
2021

**DST #2**      **Formation:**  
Mississippi      **Test Interval: 4428 -**      **Total Depth: 4530'**  
4530'  
Time On: 20:22 05/04      Time Off: 04:46 05/05  
Time On Bottom: 22:48 05/04      Time Off Bottom: 02:33 05/05

**BUCKET MEASUREMENT:**

1st Open: Surface blow building to 3/4 in.  
1st Close: No blow back.  
2nd Open: Surface blow building to 3/4 in.  
2nd Close: No blow back.

**REMARKS:**

Tool Sample: 0% Gas .2% Oil 0% Water 99.8% Mud



# Company: Raymond Oil Company, Inc

## Lease: Frusher-Lewis Trust Unit #1

SEC: 4 TWN: 21S RNG: 23W  
County: HODGEMAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc - Rig 1  
Elevation: 2294 EGL  
Field Name: Sandpit North Ext  
Pool: WILDCAT  
Job Number: 476  
API #: 15-083-21980

**Operation:**  
Well Complete

**DATE**  
May  
**04**  
2021

**DST #2**      **Formation:** Mississippi      **Test Interval:** 4428 - 4530'      **Total Depth:** 4530'  
Time On: 20:22 05/04      Time Off: 04:46 05/05  
Time On Bottom: 22:48 05/04      Time Off Bottom: 02:33 05/05

### Down Hole Makeup

<b>Heads Up:</b> 14.58 FT	<b>Packer 1:</b> 4423.02 FT
<b>Drill Pipe:</b> 4410.03 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4428.02 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4412.44 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4498 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 101.98	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 62.98 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 33 FT <i>4 1/2-FH</i>	



**Company: Raymond Oil  
Company, Inc**

**Lease: Frusher-Lewis Trust Unit  
#1**

SEC: 4 TWN: 21S RNG: 23W  
County: HODGEMAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2294 EGL  
Field Name: Sandpit North Ext  
Pool: WILDCAT  
Job Number: 476  
API #: 15-083-21980

**Operation:**  
Well Complete

**DATE**  
May  
**04**  
2021

**DST #2**      **Formation:**      **Test Interval: 4428 -**      **Total Depth: 4530'**  
**Mississippi**      **4530'**  
Time On: 20:22 05/04      Time Off: 04:46 05/05  
Time On Bottom: 22:48 05/04      Time Off Bottom: 02:33 05/05

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.3      **Viscosity:** 58      **Filtrate:** 8.0      **Chlorides:** 4,900 ppm