KOLAR Document ID: 1656346

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

Name:	
Feet from   North /   South Li	
City: State: Zip:	∃ast
Contact Person:	ne of Section
Phone: ()         NE NW SE SW           CONTRACTOR: License #	ne of Section
CONTRACTOR: License #	
Name:	
Name:	
Wellsite Geologist:	xxx.xxxxx)
Purchaser:	
Designate Type of Completion:	_
New Well Re-Entry Workover Field Name:	
Producing Formation:	
Gas DH EOR	
OG GSW Total Vertical Depth: Plug Back Total Depth:	
CM (Coal Bed Methane)  Amount of Surface Pipe Set and Cemented at:	Feet
☐ Cathodic ☐ Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? ☐ Yes ☐ No	
If Workover/Re-entry: Old Well Info as follows:	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)	
Chloride content:ppm Fluid volume:	bbls
Commingled Permit #: Dewatering method used:	
SWD Permit #: Location of fluid disposal if hauled offsite:	
EOR Permit #:	
GSW Permit #: Operator Name:	
Lease Name: License #:	
Spud Date or Date Reached TD Completion Date or Quarter Sec. Twp. S. R	East West
Recompletion Date Recompletion Date Countv: 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:								

KOLAR Document ID: 1656346

### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.		n.	i donei Al.				

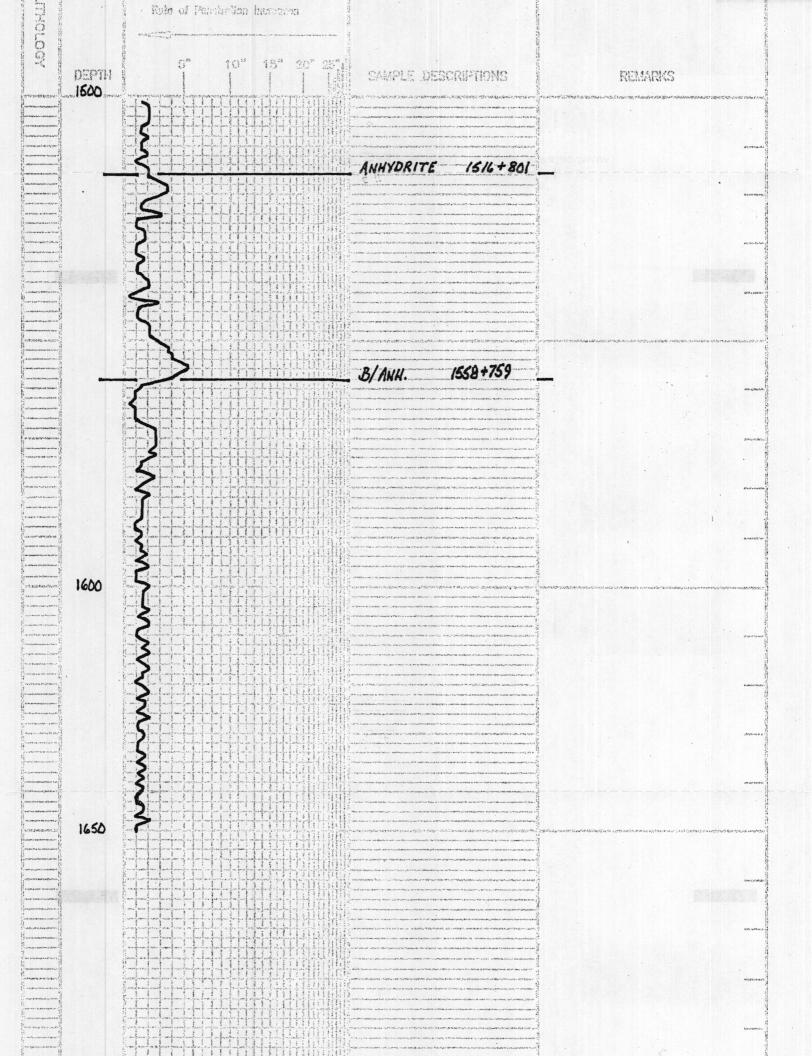
Form	ACO1 - Well Completion
Operator	Raymond Oil Company, Inc.
Well Name	FRUSHER FARMS 1
Doc ID	1656346

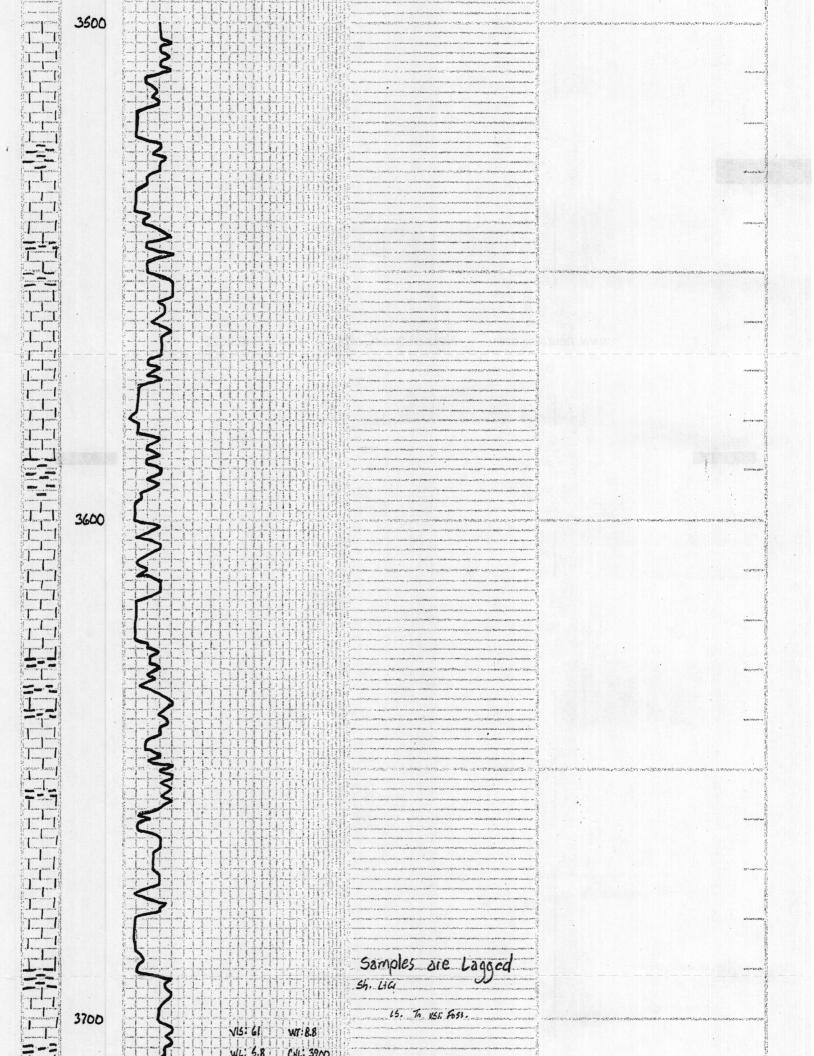
# Casing

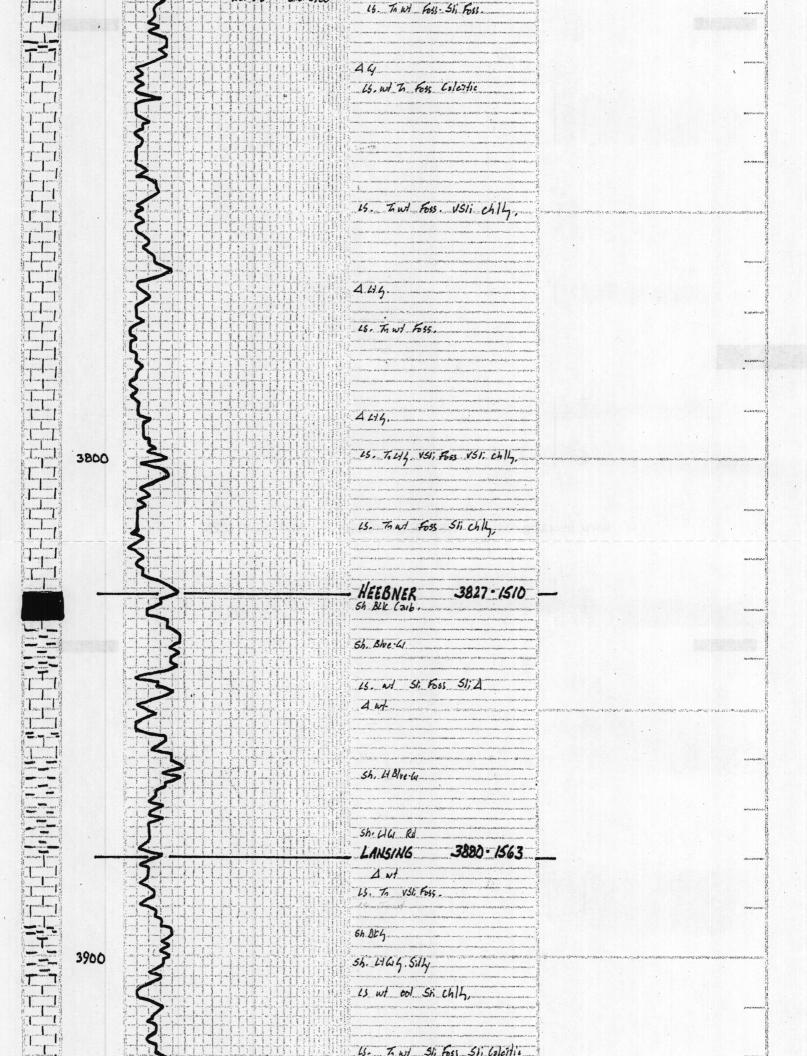
Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	261	Class A		3% cc, 2% gel
Production	7.875	5.5	15.5	4653	OWC		2% KOL- SEAL, .5% FLO-SEAL

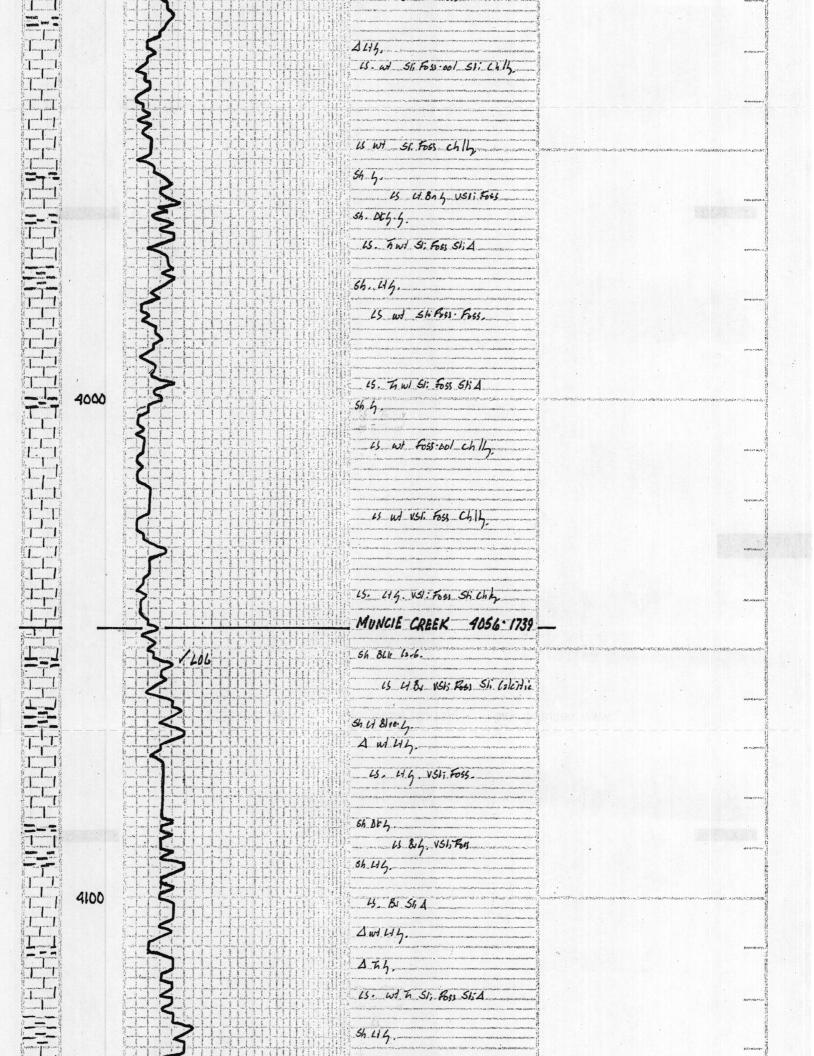
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PER FOOT

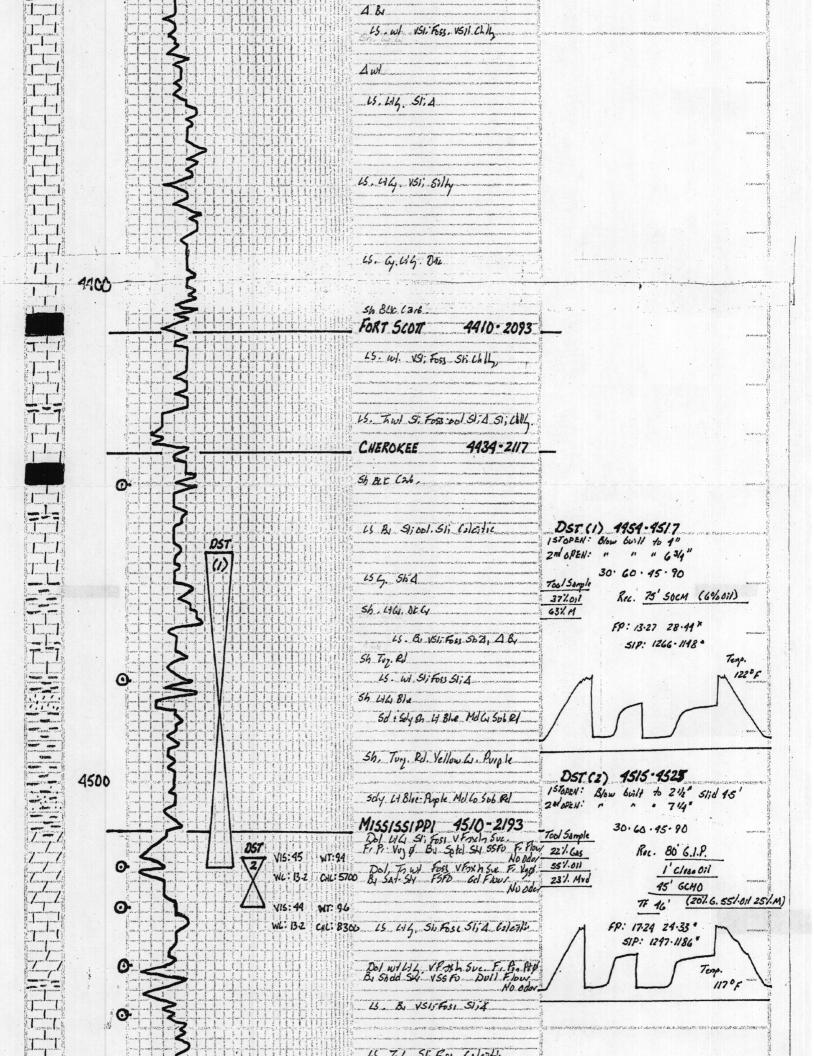


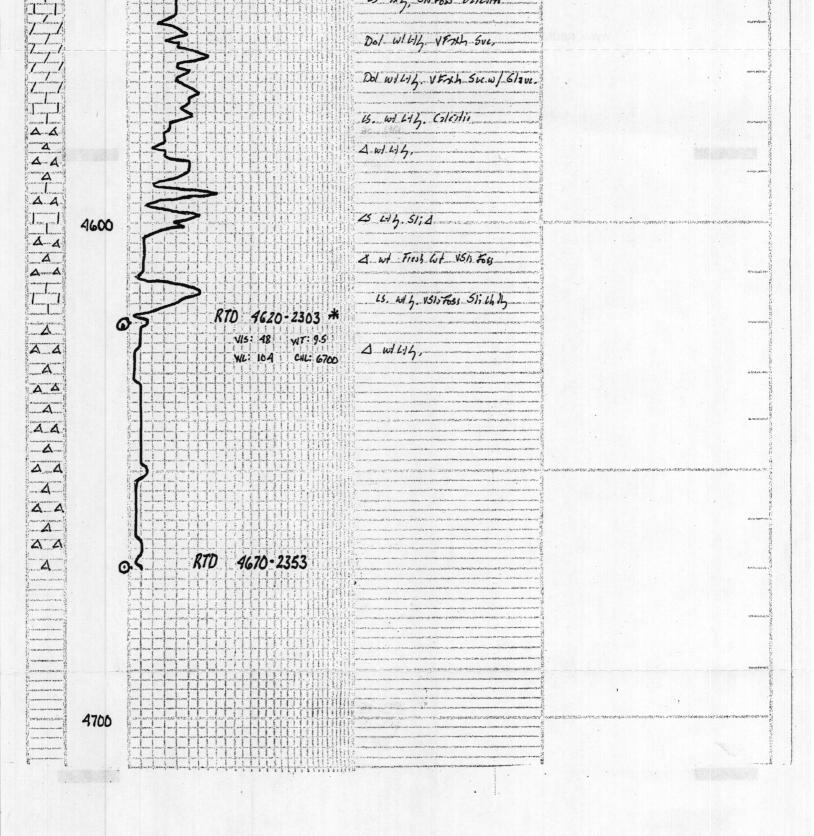






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Company: Raymond Oil Company, Inc

Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

Operation:
Uploading recovery & pressures

**DATE** 

May

18

2022

**DST #1** 

Formation: Mississippian

Test Interval: 4454 -

Total Depth: 4517'

4517'

Time On: 18:05 05/18 Time Off: 02:40 05/19

Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

Electronic Volume Estimate:

131'

1st Open Minutes: 30 Current Reading: 4.3" at 30 min 1st Close Minutes: 60 Current Reading: 0" at 60 min

Max Reading: 0"

Current Reading: 6.8" at 45 min

2nd Open

Minutes: 45

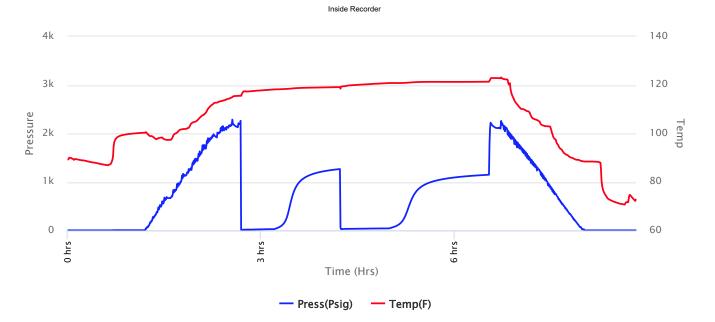
Current Reading: 0" at 90 min

2nd Close

Minutes: 90

Max Reading: 6.8" Max Reading: 0"

Max Reading: 4.3"





**Company: Raymond Oil** Company, Inc

Operation: Uploading recovery & pressures

Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W

County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

**DATE** May 18 2022

**DST #1** Formation: Mississippian Test Interval: 4454 -

Total Depth: 4517'

0

4517'

Time On: 18:05 05/18

Time Off: 02:40 05/19

Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

Gas %

0

Recovered

**BBLS** <u>Foot</u> 75 0.7695 **Description of Fluid** SLOCM

Oil % Water %

Mud % 94

Total Recovered: 75 ft

Total Barrels Recovered: 0.7695

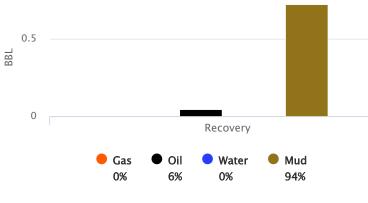
**Reversed Out** NO

Initial Hydrostatic Pressure	2190	PSI
Initial Flow	13 to 27	PSI
Initial Closed in Pressure	1266	PSI
Final Flow Pressure	28 to 44	PSI
Final Closed in Pressure	1148	PSI
Final Hydrostatic Pressure	2184	PSI
Temperature	122	°F
Pressure Change Initial	9.3	%

Close / Final Close

# Recovery at a glance

6



GIP cubic foot volume: 0



Operation:

Uploading recovery &

pressures

**Company: Raymond Oil** Company, Inc

Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

**DATE** May 18 2022

DST #1 Formation: Test Interval: 4454 -Total Depth: 4517' Mississippian 4517'

Time On: 18:05 05/18 Time Off: 02:40 05/19

Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

### **BUCKET MEASUREMENT:**

1st Open: 1/4" blow building to 4"

1st Close: No BB

2nd Open: 1/4" blow building to 6 3/4"

2nd Close: No BB

**REMARKS:** 

Tool Sample: 0% Gas 37% Oil 0% Water 63% Mud



**Company: Raymond Oil** Company, Inc Lease: Frusher Farms #1 SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

Operation: Uploading recovery & pressures

May

18

2022

**DATE** 

**DST #1** Formation: Mississippian Test Interval: 4454 -

Total Depth: 4517'

4517'

Time On: 18:05 05/18 Time Off: 02:40 05/19

Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

### **Down Hole Makeup**

**Heads Up:** 22.11 FT Packer 1: 4449.25 FT

**Drill Pipe:** 4443.79 FT Packer 2: 4454.25 FT

ID-3 1/4 Top Recorder: 4438.67 FT

Weight Pipe: 0 FT **Bottom Recorder:** 4494 FT ID-2 7/8

Well Bore Size: 7 7/8

1" **Surface Choke:** ID-2 1/4

**Test Tool: Bottom Choke:** 5/8" 33.57 FT

ID-3 1/2-FH

0 FT

1 FT

Jars Safety Joint

Collars:

**Total Anchor:** 62.75

**Anchor Makeup** 

Packer Sub: Perforations: (top): 4 FT

4 1/2-FH

**Change Over:** 1 FT

Drill Pipe: (in anchor): 31.75 FT

ID-3 1/4

**Change Over:** 1 FT

Perforations: (below): 24 FT

4 1/2-FH



Operation:

pressures

Uploading recovery &

**Company: Raymond Oil** 

Company, Inc

Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

**DATE** May 18 2022

**DST #1** 

Formation: Mississippian Test Interval: 4454 -

Total Depth: 4517'

4517'

Time On: 18:05 05/18

Time Off: 02:40 05/19

Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

# **Mud Properties**

Mud Type: Chemical Viscosity: 45 Filtrate: 13.2 Chlorides: 5,700 ppm Weight: 9.4



Operation: Uploading recovery & pressures

# **Company: Raymond Oil**

Company, Inc

Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

**DATE** May 18 2022

**DST #1** 

Formation: Mississippian

Test Interval: 4454 -

Total Depth: 4517'

4517'

Time On: 18:05 05/18 Time Off: 02:40 05/19

Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

# **Gas Volume Report**

1st Open								
Time	Orifice	PSI	MCF/D					

2nd Open								
Time	Orifice	PSI	MCF/D					



**Company: Raymond Oil** Company, Inc

Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

Operation: Uploading recovery & pressures

> **DATE** May

19 2022 **DST #2** 

Formation: Mississippian Test Interval: 4515 -

Total Depth: 4525'

4525'

Time On: 09:07 05/19

Time Off: 17:21 05/19

Time On Bottom: 11:26 05/19 Time Off Bottom: 15:11 05/19

Electronic Volume Estimate:

121'

1st Open Minutes: 30 **Current Reading:** 2.7" at 30 min

Max Reading: 2.7"

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

Max Reading: 0"

2nd Open Minutes: 45 **Current Reading:** 

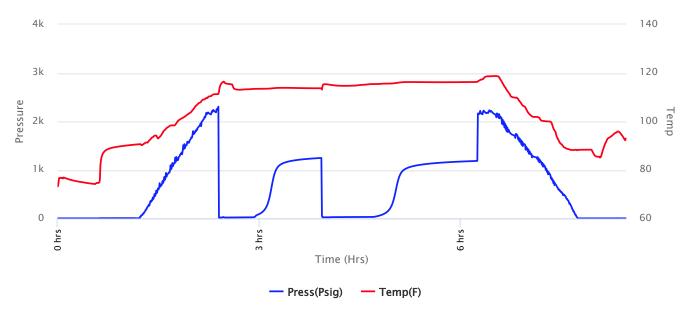
7.4" at 45 min

Max Reading: 7.4"

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

Max Reading: 0"







# **Company: Raymond Oil** Company, Inc Lease: Frusher Farms #1

Operation: Uploading recovery & pressures

State: Kansas

Drilling Contractor: L. D. Drilling &

SEC: 10 TWN: 21S RNG: 23W

Exploration, LLC - Rig 1 Elevation: 2312 GL

County: HODGEMAN

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

**DATE** May 19 2022

DST #2 Formation: Mississippian Test Interval: 4515 -

Total Depth: 4525'

4525'

Time On: 09:07 05/19

Time Off: 17:21 05/19

Time On Bottom: 11:26 05/19 Time Off Bottom: 15:11 05/19

### Recovered

<u>Foot</u>	BBLS	Description of Fluid
80	0.8208	G
1	0.01026	0
45	0.4617	GCMCO

Gas %	<u>Oil %</u>	Water %	Mud %
100	0	0	0
0	100	0	0
20	55	0	25

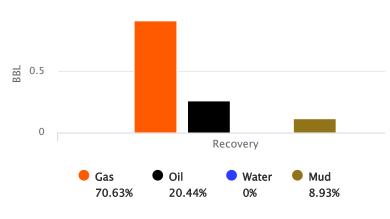
Total Recovered: 126 ft

Total Barrels Recovered: 1.29276

Reversed	Out
NO	

Initial Hydrostatic Pressure	2242	PSI
Initial Flow	17 to 24	PSI
Initial Closed in Pressure	1247	PSI
Final Flow Pressure	24 to 33	PSI
Final Closed in Pressure	1186	PSI
Final Hydrostatic Pressure	2219	PSI
Temperature	117	°F
Pressure Change Initial	4.9	%
Close / Final Close		

### Recovery at a glance



GIP cubic foot volume: 5.12682



Company: Raymond Oil Company, Inc Lease: Frusher Farms #1

Operation:
Uploading recovery & pressures

Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1 Elevation: 2312 GL

County: HODGEMAN State: Kansas

Field Name: Sandpit North Ext

SEC: 10 TWN: 21S RNG: 23W

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

<u>DATE</u>
May
19
2022

Formation: Test Interval: 4515 - Total Depth: 4525'
Mississippian 4525'

Time On: 09:07 05/19 Time Off: 17:21 05/19

Time On Bottom: 11:26 05/19 Time Off Bottom: 15:11 05/19

### **BUCKET MEASUREMENT:**

1st Open: 1/2" blow building to 2 1/2"

1st Close: No BB

2nd Open: 1/2" blow building to 7 1/4"

2nd Close: Weak surface BB

**REMARKS:** 

We slid 4-5 ft when setting tool.

Tool Sample: 22% Gas 55% Oil 0% Water 23% Mud

DST #2



**Company: Raymond Oil** Company, Inc Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

1"

**Surface Choke:** 

Operation: Uploading recovery & pressures

19

**DATE** May 2022

**DST #2** Formation: Test Interval: 4515 -Total Depth: 4525' Mississippian 4525'

Time On: 09:07 05/19 Time Off: 17:21 05/19

Time On Bottom: 11:26 05/19 Time Off Bottom: 15:11 05/19

### **Down Hole Makeup**

**Heads Up:** Packer 1: 24.63 FT 4510 FT

**Drill Pipe:** 4507.06 FT Packer 2: 4515 FT

ID-3 1/4 Top Recorder: 4499.42 FT

Weight Pipe: 0 FT **Bottom Recorder:** 4517 FT

ID-2 7/8

Well Bore Size: 7 7/8 Collars: 0 FT

**Test Tool: Bottom Choke:** 5/8" 33.57 FT

ID-3 1/2-FH

Jars

ID-2 1/4

Safety Joint

**Total Anchor:** 10

**Anchor Makeup** 

1 FT

Perforations: (top): 0 FT

Packer Sub:

4 1/2-FH

**Change Over:** 0 FT

Drill Pipe: (in anchor): 0 FT

ID-3 1/4

**Change Over:** 0 FT

Perforations: (below): 9 FT

4 1/2-FH



Company: Raymond Oil Company, Inc Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

Operation:
Uploading recovery & pressures

**DATE** 

May

19

2022

DST #2

Formation: Mississippian

Test Interval: 4515 -

Total Depth: 4525'

4525'

Time On: 09:07 05/19

Time Off: 17:21 05/19

Time On Bottom: 11:26 05/19 Time Off Bottom: 15:11 05/19

# **Mud Properties**

Mud Type: Chemical Weight: 9.4 Viscosity: 45 Filtrate: 13.2 Chlorides: 5,700 ppm



Operation:

Uploading recovery &

pressures

Company, Inc

Lease: Frusher Farms #1

**Company: Raymond Oil** 

SEC: 10 TWN: 21S RNG: 23W County: HODGEMAN

ounty: HODGEMAI

State: Kansas

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2312 GL

Field Name: Sandpit North Ext

Pool: WILDCAT Job Number: 556 API #: 15-083-22004

**DATE**May **19**2022

DST #2 Formation: Mississippian

Test Interval: 4515 -

Total Depth: 4525'

4525'

Time On: 09:07 05/19 Time Off: 17:21 05/19

Time On Bottom: 11:26 05/19 Time Off Bottom: 15:11 05/19

# **Gas Volume Report**

1st Open					
Time	Orifice	PSI	MCF/D		

2nd Open					
Time	Orifice	PSI	MCF/D		



# FIELD TICKET & TREATMENT REPORT

CEMENT

T KET NUI	MBER 1295 K-C
LEGATION	Hucoton Ks.
FOREMAN	Jason Arrivator
ORT	Walt Drike ?

SALES TAX
ESTIMATED
TOTAL

DATE

SERVICES, LL		and the second	A STATE OF THE STA						
DATE	CUSTOMER#	WELLN	IAME & NUMBE		SECTION		VNSHIP	RANGE	COUNTY
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CUSTOMER				nessCay					
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MAILING ADDRE	SS			Rex	103	- 4	ry Dr		
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CASING DEPTH	261.	RILL PIPE		TUBING	1 200			_OTHER	
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I acknowledge that the payments terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Tel: 620-544-2929 Fax: 620-544-2419

# HP OILFIELD SERVICES, LLC PO Box 488, Hugoton, KS 67951

Field Ticket # 19402-C

Invoice # Supervisor, Walt Dinks Tank No. Tank Gauges Ana thole, Deplace 37 Birtho, Shot Bed Date 5-21-22 Work Performed Paduction 5" 2-5kgc Customer 75 BBL HO+ 38 BBL MWD 600 # LANDE 1765# 500 GC 350 SKS 20,46 Which Coment Did QTY 115 365 Ton Mule ge Raymond O. Light whight Black HP-QX Jun Tukk MILLIE Flock 70 믹 miles TEN 1 the MIX 30 SEE R. R. 320 SE Delius Z DV To PRICE Тор TOTAL QTR Show It Cille ou bothous Requested By Truck No. 103 Cary D, State 1/5 Lease Name 175# Flor Sol 52500 575# Klosel-BPD1-Basket ALD T 42 Soc 10-215-234 Frosher Farms Less 25% Disc 30 win Roup 500x1 miss Flos Z Bottom /- by 121 -59% - Letchelow Mass-4000 1-APD Flutshow -58500 800 851 Chris P. 801-851 Du Evert 11-Contralizas - 891 00 2800 3350 PRICE 1 65 1250 1715 并 QTR -385-00 5,41110 1,07415 でのなど 2875-0 TOTAL S9 117 PM 62 32500 21250 55 MC