KOLAR Document ID: 1471068

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	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.xxxxx) (e.gxxx.xxxxx)
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)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
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)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
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: 1471068

Page Two

Operator Name:					Lease Na	ame: _			Well #:			
SecTwp	oS.	R	East	West	County: _							
open and closed, and flow rates if g	flowing and s gas to surface y Log, Final L	hut-in pressu test, along wi ogs run to ob	res, whe ith final c tain Geo	ther shut-in pre chart(s). Attach physical Data a	essure reache extra sheet i and Final Elec	ed stati f more ctric Lo	c level, hydrosta space is neede	tic pressures, d.		val tested, time tool rature, fluid recovery, Digital electronic log		
Drill Stem Tests To			Y	es No		L	og Formatio	on (Top), Dept	th and Datum	Sample		
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Cores Taken Electric Log Run Geologist Report List All E. Logs Ri	_		Y	es No es No es No								
			David		RECORD	Ne						
	Qi	ize Hole	-	re Casing	Weight		ermediate, product	Type of	# Sacks	Type and Percent		
Purpose of Str		Drilled		t (In O.D.)	Lbs. / F		Depth	Cement	Used	Additives		
	'			ADDITIONAL	. CEMENTING	a / SQL	EEZE RECORD	'	'			
Purpose:		Depth p Bottom	Туре	of Cement	# Sacks U	sed		Туре а	and Percent Additives			
Perforate Protect Cas Plug Back	sing	p Bottom										
Plug Off Zo												
Did you perform Does the volume Was the hydraulic	of the total bas	e fluid of the hy	draulic fra	acturing treatmen		•		No (If No	o, skip questions 2 and o, skip question 3) o, fill out Page Three o			
Date of first Produc	ction/Injection or	Resumed Prod	duction/	Producing Meth			0.1%	W (5 ())				
,				Flowing	Pumping			other (Explain) _				
Estimated Product Per 24 Hours	tion	Oil Bl	bls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity		
DISPO	SITION OF GA	S:		N	METHOD OF C	OMPLE	TION:		PRODUCTIO			
Vented	Sold Us	ed on Lease		Open Hole	Perf.	_ ,		nmingled	Тор	Bottom		
(If vented	d, Submit ACO-1	8.)				(Subitilit	ACO-5) (SUD	mit ACO-4)				
Shots Per Foot	Perforation Top	Perforati Botton		Bridge Plug Type	Bridge Plug Set At		Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)					
TUBING RECORD): Size:	:	Set At:		Packer At:							

Form	ACO1 - Well Completion
Operator	Raymond Oil Company, Inc.
Well Name	FRUSHER 2
Doc ID	1471068

All Electric Logs Run

Micro	
Dual Ind	
Comp N/D	
Sonic	

Form	ACO1 - Well Completion
Operator	Raymond Oil Company, Inc.
Well Name	FRUSHER 2
Doc ID	1471068

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	24	260	Surface Blend II	3% cc, 2% gel
Production	7.875	5.5	15.5	4643	QCS Mix Blend	8% gel, 1/2# Floseal

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	T	2

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INV 901200

LOCATION Ock w Ks.

FOREMAN Cory Octivi

TOTAL

DATE

FIELD TICKET & TREATMENT REPORT PRESSURE PUMPING LLC PO Box 884, Chanute, KS 66720 CEMENT 620-431-9210 or 800-467-8676 COUNTY TOWNSHIP RANGE SECTION WELL NAME & NUMBER CUSTOMER # 23 0 Hougenen 210 7-23-W News city DRIVER TRUCK # DRIVER TRUCK # SHADK 703 242E 760 SINIX 516 CASING SIZE & WEIGHT HOLE DEPTH 263 HOLE SIZE OTHER TUBING CASING DEPTH_260 DRILL PIPE CEMENT LEFT in CASING_ WATER gal/sk SLURRY WEIGHT 15.2 SLURRY VOL DISPLACEMENT 15 1/4 MIX PSI DISPLACEMENT PSI REMARKS: Sefety meeting rigup on LD, circ coving an bottom mix 180 sky com 3% cc 290gel wash up + Displace 1514 BBL Shut in rid down Cement Oid Circla BAL to ALL AProt Thank You From Core & Crew TOTAL UNIT PRICE DESCRIPTION of SERVICES or PRODUCT ACCOUNT QUANITY or UNITS CODE 150 150 PUMP CHARGE 214.50 - 0411 MILEAGE 30 0001 Ton Mileage Delivery 0711 24 95 4320 00 Surface Blend II 180016 CC 5871 Subtotal 6344 SC 25% Dig 158613 SALES TAX ESTIMATED

I acknowledge that the payment 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

TITLE

100 28U

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DATE

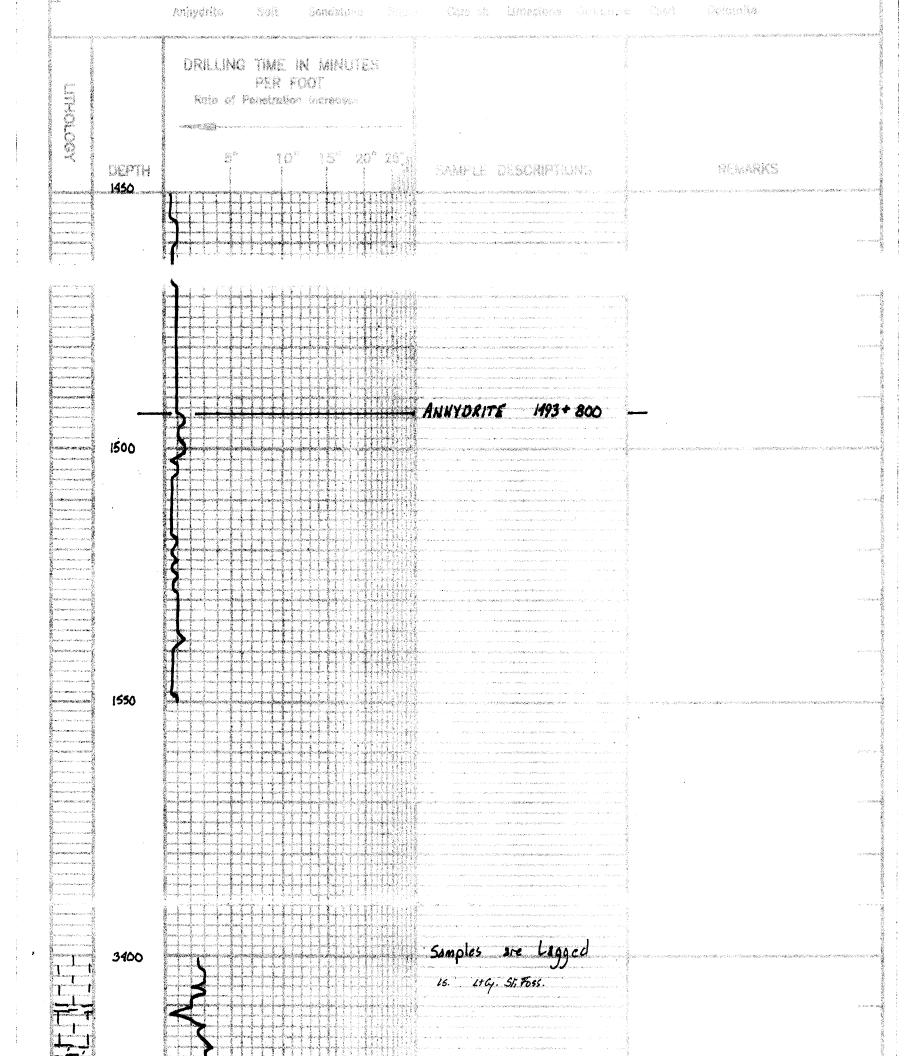
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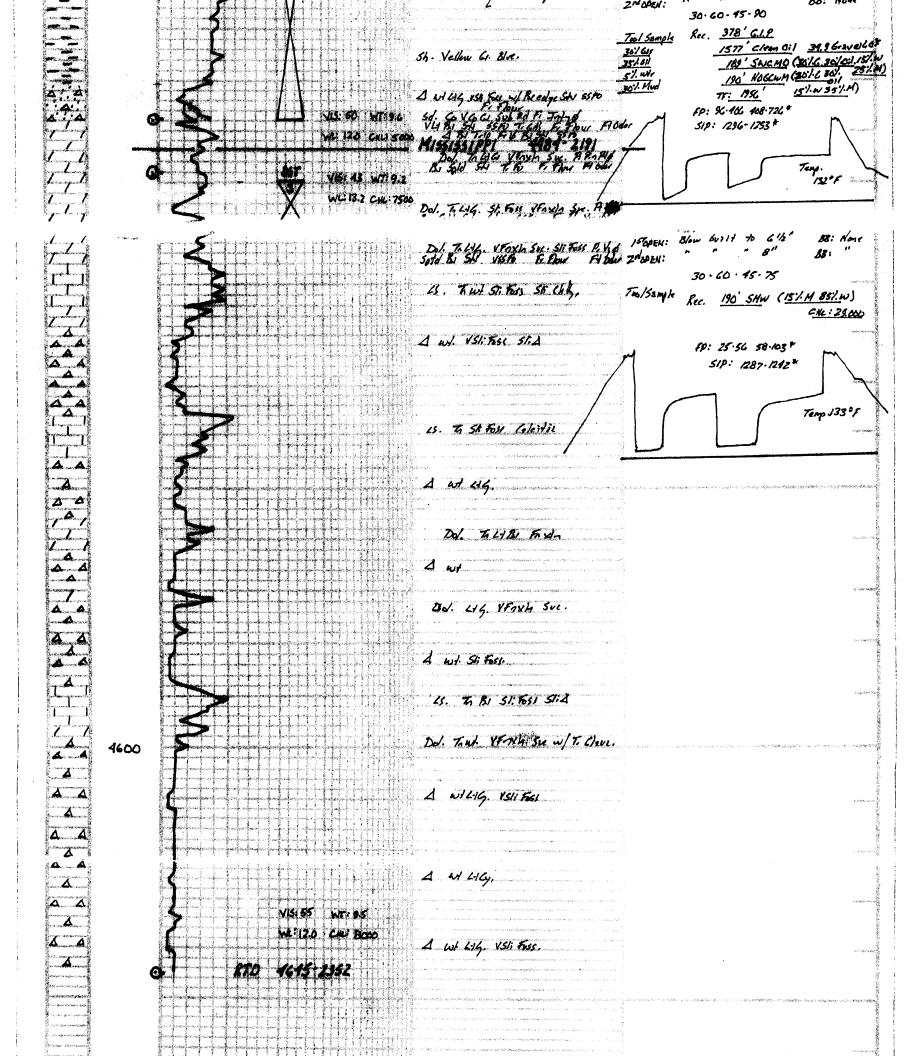
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Operation: Uploading recovery &

pressures

Company: Raymond Oil Company, Inc

Lease: Frusher #2

1st Open

N/A

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2299 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DATE 30 2019

DST #1 Test Interval: 4442 - 4478' Total Depth: 4478' Formation: Miss

> Time On: 05:16 07/30 Time Off: 07:29 07/30

Electronic Volume Estimate: 0'

1st Close N/A

2nd Open N/A

2nd Close N/A

600 400 200 -200 Time (Hrs) — Press(Psig) — Temp(F)



Uploading recovery & pressures

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Rig I Elevation: 2299 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

Water %

<u>DATE</u> July	-
30 2019	
	_

DST #1 Test Interval: 4442 - 4478' Total Depth: 4478' Formation: Miss

Time On: 05:16 07/30 Time Off: 07:29 07/30

Recovered BBLS Foot

Close / Final Close

Description of Fluid

Gas %

Oil %

Mud %

Total Recovered: 0 ft Total Barrels Recovered: 0

Initial Hydrostatic Pressure PSI 0 PSI Initial Flow 0 Initial Closed in Pressure 0 PSI Final Flow Pressure PSI 0 PSI Final Closed in Pressure 0 Final Hydrostatic Pressure 0 PSI Temperature 0 °F Pressure Change Initial 0.0 %



Operation: Uploading recovery & pressures

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Drilling Contractor. 2. 2. 2. 3. Rig 1 Elevation: 2299 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DATE 30 2019

Test Interval: 4442 - Total Depth: 4478' DST #1 Formation: Miss

Time On: 05:16 07/30 Time Off: 07:29 07/30

BUCKET MEASUREMENT:

1st Open: Miss 2nd Open: Run

REMARKS:

Hit a bridge 20 stands in tried several times to get past it with no luck



Uploading recovery &

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas State: Kansas
Drilling Contractor: L. D. Drilling, Inc Rig 1
Elevation: 2299 GL
Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DST #1

Formation: Miss

Test Interval: 4442 -4478' Total Depth: 4478'

30 2019 Time On: 05:16 07/30 Time Off: 07:29 07/30

Down Hole Makeup

Heads Up: 22.62 FT Drill Pipe: 4432.05 FT ID-3 1/4

Weight Pipe: ID-2 7/8

> Collars: ID-2 1/4

Test Tool: 33.57 FT

ID-3 1/2-FH Jars Safety Joint

Total Anchor:

Anchor Makeup Packer Sub: 1 FT

Perforations: (top): 35 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor):

ID-3 1/4

Change Over: FT Perforations: (below):

4 1/2-FH

Packer 1: 4437 FT

Packer 2: 4442 FT

Top Recorder: 4426.42 FT

Bottom Recorder: 4479 FT

Well Bore Size: 7 7/8

Surface Choke: 1"

Bottom Choke:



Uploading recovery & pressures

Company: Raymond Oil Company, Inc

Lease: Frusher #2

DST #1

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 2299 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370

API #: 15-083-21970

DATE July 3Ó 2019

Test Interval: 4442 - Total Depth: 4478' Formation: Miss

Time On: 05:16 07/30 Time Off: 07:29 07/30

Mud Properties

Mud Type: Chemical Weight: 9.2 Viscosity: 51 Filtrate: 7.8 Chlorides: 4500 ppm



Uploading recovery &

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2299 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970



DST #1 Formation: Miss Test Interval: 4442 - Total Depth: 4478'

Time On: 05:16 07/30 Time Off: 07:29 07/30
Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

Gas Volume Report

1st Open					
Time	Orifice	PSI	MCF/D		

2nd Open				
Time	Orifice	PSI	MCF/D	



Operation: Uploading recovery & pressures

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN

State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2288 GL

Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DATE July 30 2019

DST #2 Formation: Cherokee Test Interval: 4442 -4478'

Total Depth: 4478'

Time On: 14:37 07/30

Time Off: 01:31 07/31 Time On Bottom: 17:16 07/30 Time Off Bottom: 21:01 07/30

Electronic Volume Estimate: 2617'

1st Open Minutes: 30 Current Reading: 122.3" at 30 min

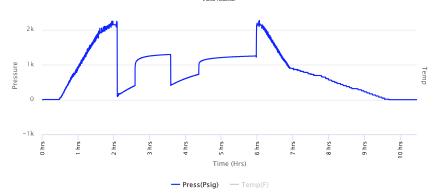
Max Reading: 122.3"

1st Close Minutes: 60 Current Reading: 13.5" at 60 min Max Reading: 13.7"

2nd Open Minutes: 45 Current Reading: 137.9" at 45 min Max Reading: 137.9"

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

Inside Recorder





Company: Raymond Oil Company, Inc

Lease: Frusher #2

Operation: Uploading recovery & pressures

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Rig I Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DATE	
July	
30	
2019	

DST#2 Formation: Cherokee Test Interval: 4442 - 4478' Total Depth: 4478' Time Off: 01:31 07/31 Time On: 14:37 07/30 Time On Bottom: 17:16 07/30 Time Off Bottom: 21:01 07/30

Recovered

1.100	<u>010.00</u>					
Foot	BBLS	Description of Fluid	Gas %	<u>Oil %</u>	Water %	Mud %
378	3.87828	G	100	0	0	0
1197	12.28122	0	0	100	0	0
189	1.93914	SLWCMCHOCG	30	30	15	25
380	3.8988	0	0	100	0	0
190	1.9494	SLWCGCHOCM	20	30	15	35

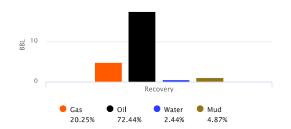
Total Recovered: 2334 ft

Total Barrels Recovered: 23.94684



Recovery at a glance

Initial Hydrostatic Pressure	2147	PSI
Initial Flow	96 to 406	PSI
Initial Closed in Pressure	1296	PSI
Final Flow Pressure	408 to 726	PSI
Final Closed in Pressure	1253	PSI
Final Hydrostatic Pressure	2139	PSI
Temperature	132	°F
Pressure Change Initial	3.3	%
Close / Final Close		



GIP cubic foot volume: 27.22977



Operation: Uploading recovery & pressures Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling, Inc Rig 1
Elevation: 2288 GL
Field Name: Sandpit North
Pool: WILDCAT
Job Number: 370
API #: 15-083-21970

<u>DATE</u> July
30
2019

DST #2 Formation: Cherokee

Test Interval: 4442 -4478'

Total Depth: 4478'

Time On: 14:37 07/30 Time Off: 01:31 07/31
Time On Bottom: 17:16 07/30 Time Off Bottom: 21:01 07/30

BUCKET MEASUREMENT:

1st Open: BOB in 5 min 1st Close: BOO in 22 min 2nd Open: BOB in 5 min 2nd Close: No Blow

REMARKS:

Tool Sample: 30% Gas 35% Oil 5% Water 30% Mud

Gravity: 34.9 @ 60 °F



Jploading recovery &

DATE July Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DST #2

Formation: Cherokee Test Interval: 4442 - To 4478'

Total Depth: 4478'

30 2019 Time On: 14:37 07/30 Time Off: 01:31 07/31 Time On Bottom: 17:16 07/30 Time Off Bottom: 21:01 07/30

Down Hole Makeup

Heads Up: 22.62 FT Drill Pipe: 4432.05 FT

ID-3 1/4

Weight Pipe:

ID-2 7/8

Collars: ID-2 1/4

Test Tool: 33.57 FT

ID-3 1/2-FH Jars Safety Joint

Total Anchor:

Anchor Makeup Packer Sub: 1 FT

Perforations: (top): 35 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor):

ID-3 1/4 Change Over: FT

Perforations: (below):

4 1/2-FH

Packer 1: 4437 FT Packer 2: 4442 FT Top Recorder: 4426.42 FT

Bottom Recorder: 4479 FT

Well Bore Size: 7 7/8

Surface Choke: Bottom Choke:



Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas

Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370

API #: 15-083-21970

DATE July 3Ó 2019

pressures

Formation: Cherokee Test Interval: 4442 - Total Depth: 4478' DST #2

Time Off: 01:31 07/31 Time On: 14:37 07/30 Time On Bottom: 17:16 07/30 Time Off Bottom: 21:01 07/30

Mud Properties

Mud Type: Chemical Weight: 9.2 Viscosity: 55 Filtrate: 7.8 Chlorides: 4500 ppm



Uploading recovery &

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970



Formation: Cherokee DST #2

Test Interval: 4442 - 4478' Total Depth: 4478'

Time Off: 01:31 07/31 Time On: 14:37 07/30 Time On Bottom: 17:16 07/30 Time Off Bottom: 21:01 07/30

Gas Volume Report

1st Open					
Time	Orifice	PSI	MCF/D		

2nd Open				
Time	Orifice	PSI	MCF/D	



Operation: Uploading recovery &

pressures

Company: Raymond Oil Company, Inc

Lease: Frusher #2

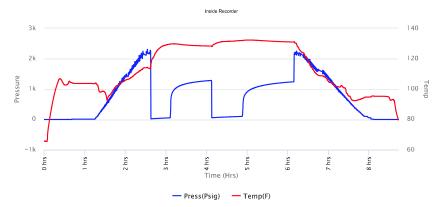
SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DATEJuly **31**2019

DST #3 Formation: Test Interval: 4490 - Total Depth: 4499' 4499'

Time On: 11:08 07/31 Time Off: 20:49 07/31 Time On Bottom: 14:50 07/31 Time Off Bottom: 18:20 07/31

Electronic Volume Estimate: 177' 1st Open Minutes: 30 Current Reading: 6.9" at 30 min Max Reading: 6.9" 1st Close Minutes: 60 Current Reading: 0" at 60 min Max Reading: 0" 2nd Open Minutes: 45 Current Reading: 8.1" at 45 min Max Reading: 8.1" 2nd Close Minutes: 75 Current Reading: 0" at 75 min Max Reading: 0"





Company: Raymond Oil Company, Inc

Lease: Frusher #2

Description of Fluid

SLMCW

PSI

PSI

2168

25 to 56

Operation:
Uploading recovery &
pressures

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

Mud %

<u>DATE</u>	
July	
31	
2019	
	July 31

Foot

190

DST #3 Formation: Test Interval: 4490 - Total Depth: 4499' 4499'

Gas %

Total Recovered: 190 ft Total Barrels Recovered: 1.9494

Initial Hydrostatic Pressure

BBLS

1.9494

Initial Flow

0 0 85 15

Recovery at a glance

| Recovery | Recovery

Water %

Oil %

Initial Closed in Pressure 1287 PSI 58 to 103 PSI Final Flow Pressure Final Closed in Pressure 1242 PSI Final Hydrostatic Pressure 2153 PSI Temperature 133 ۰F Pressure Change Initial 3.4 Close / Final Close

GIP cubic foot volume: 0



Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Drilling Contractor. 2. 2. 2. 3. 3. Rig 1 Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

Operation: Uploading recovery & pressures

> DATE July

31

DST#3 Formation: Test Interval: 4490 - 4499'

Total Depth: 4499'

Time On: 11:08 07/31

Time Off: 20:49 07/31

2019 BUCKET MEASUREMENT:

1st Open: Built to 6.9 1st Close: No Blow 2nd Open: Built to 8.1 2nd Close: No Blow

REMARKS:

Chlorides: 29000 ppm



Uploading recovery &

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas State: Kansas
Drilling Contractor: L. D. Drilling, Inc Rig 1
Elevation: 2288 GL
Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DST #3

Formation:

Test Interval: 4490 -4499' Total Depth: 4499'

31 2019 Time On: 11:08 07/31 Time Off: 20:49 07/31 Time On Bottom: 14:50 07/31 Time Off Bottom: 18:20 07/31

Down Hole Makeup

Heads Up: 5.83 FT Drill Pipe: 4463.26 FT

ID-3 1/4

Weight Pipe: ID-2 7/8

Collars: ID-2 1/4

Test Tool: 33.57 FT

ID-3 1/2-FH Jars Safety Joint

Total Anchor:

Anchor Makeup Packer Sub: 1 FT

8 FT Perforations: (top):

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor):

ID-3 1/4

Change Over: FT Perforations: (below):

4 1/2-FH

Packer 1: 4485 FT

Packer 2: 4490 FT

Top Recorder: 4474.42 FT

Bottom Recorder: 4500 FT

Well Bore Size: 7 7/8 Surface Choke:

Bottom Choke:



Uploading recovery & pressures

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Rig 1 Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970

DATE July **3**1 2019

Test Interval: 4490 - Total Depth: 4499' 4499' DST#3 Formation:

Time Off: 20:49 07/31 Time On: 11:08 07/31 Time On Bottom: 14:50 07/31 Time Off Bottom: 18:20 07/31

Mud Properties

Mud Type: Chemical Weight: 9.2 Viscosity: 55 Filtrate: 13.2 Chlorides: 7500 ppm



Uploading recovery &

Company: Raymond Oil Company, Inc

Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W County: HODGEMAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2288 GL Field Name: Sandpit North Pool: WILDCAT Job Number: 370 API #: 15-083-21970



DST #3 Formation: Test Interval: 4490 -4499' Total Depth: 4499'

Time Off: 20:49 07/31 Time On: 11:08 07/31 Time On Bottom: 14:50 07/31 Time Off Bottom: 18:20 07/31

Gas Volume Report

1st Open				
Time	Orifice	PSI	MCF/D	

2nd Open					
Time	Orifice	PSI	MCF/D		