

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 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)</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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Tel: 620-544-2929
 Fax: 620-544-2419

HP OILFIELD SERVICES, LLC

PO Box 488, Hugoton, KS 67951

Field Ticket #

19403-C

Customer Raymond Oil Co. Lease Name Gibbs A Unit A1
 Date 5-23-92 State Ks Soc IO-215-230 Henderson Co
 District Supervisor, Jason Armstrong, District Truck No. 103-Cody D, 801-857-Chris P
 Invoice # Requested By

Work Performed Surface, 85% - 261' TP 24" pipe casing and bottom
mix 180 SKS com, 30% - 24' coal, Displace 15' 3 BBL H₂O, Shut in
(215.2 PGL) Cement - Don Gilmore

Tank Gauges Two Top Approved Bottom 2 BBL to PT
 Tank No. FT IN QTR FT IN QTR

QTY	ITEM	PRICE	TOTAL	QTY	ITEM	PRICE	TOTAL
1	Pump Truck						
30	Miles						
848	Ton Mileage Delivery						
180 SKS	Surface Blend TL						
			Less 25% Disc.				
			SUBTOTAL				
			TAX				
			TOTAL				

AWL
Thank you & have a great day!



785-953-0222

TICKET NUMBER 2508 K-C
LOCATION Hixotau Ks
FOREMAN Walt Dunkel

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-12-22		Gibbs #1	10	21 ^S	23 ^W	Hamilton
CUSTOMER Raymond Oil Co. A Unit			MessCh Spott. to Rex East to RD 222 15-113			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			103	Corey D		
STATE			800-830	Chris R		
ZIP CODE				Jan Ewert		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4676' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Rig up on LID Dols, Pkg as ordered
50 sks @ 21620'
80 sks @ 690'
50 sks @ 300' 230 sks 60/40 pm, 4% Gel, 1/4" Flt Seal
20 sks @ 60'
30 sks in R.H.

Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,500 ⁰⁰	1,500 ⁰⁰
	30	MILEAGE	715	214 ⁵⁰
	9.89	Ton Mileage Delivery	175	660 ⁰⁰
	230 - sks	light Weight Blend	16 ⁰⁰	3,680 ⁰⁰
	58 #	Flt Seal	3 ⁰⁰	174 ⁰⁰
				6,228 ⁵⁰
		Loss 20% Disc	-	1,245 ⁷⁰
				4,982 ⁸⁰
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Donald J. Boese TITLE _____ DATE _____

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.

KIM B. SHOEMAKER

CONSULTING GEOLOGIST
316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY RAYMOND OIL COMPANY, INC.

LEASE X 1 GIBBS A UNIT

FIELD _____

LOCATION 214 FSL + 653' FWL

SEC 10 TWP 21 S RGE 23 W

COUNTY HODGEMAN STATE KANSAS

CONTRACTOR L.D. DRILLING, INC.

SPUD 5-25-22 COMP 6-11-22

PH 4676 LTD 4677

MUD LOG 3559 TYPE MUD CHEMICAL

SAMPLES SAVED FROM _____ 3700 TO 4676

DRILLING TIME KEPT FROM _____ 3500 TO 4676

SAMPLES EXAMINED FROM _____ 3700 TO 4676

GEOLOGICAL SUPERVISION FROM _____ 3800 TO 4676

GEOLOGIST ON WELL Kim B. Shoemaker

FORMATION TOPS LOG SAMPLES

ANHYDRITE 1556 + 794 1557 + 793

HESSNER 3862 - 1512 3862 - 1512

LANGING 3913 - 1563 3912 - 1562

B/KC 4254 - 1904 4250 - 1900

PAWNE 4376 - 2026 4378 - 2028

FORT SCOT 4444 - 2094 4443 - 2093

CHEROKEE 4469 - 2119 4468 - 2118

MISSISSIPPI 4560 - 2210 4560 - 2210

ELEVATIONS

KB 2350

DF _____

GL 2345

Measurements Are All From 2350 KB

CASING SURFACE 8 5/8 @ 261

PRODUCTION ELECTRICAL SERVICES
DUAL TND. DEN-S-N. MICKO

REMARKS

5-25-22 SPUD
5-27 @ 264'
6-2 @ 264'
6-3 @ 1505'
6-4 @ 2425'
6-5 @ 2999'
6-6 @ 3455'
6-7 @ 3870'
6-8 @ 4285'
6-9 @ 4472'

6-10 @ 4561'
6-11 @ 4610'

API: 15-083-22003

LEGEND

Anhydrite	Salt	Sandstone	Shale	Coal	Limestone	Oil Lime	Chert	Dolomite

DRILLING TIME IN MINUTES

52001-11

Rate of Penetration Increase

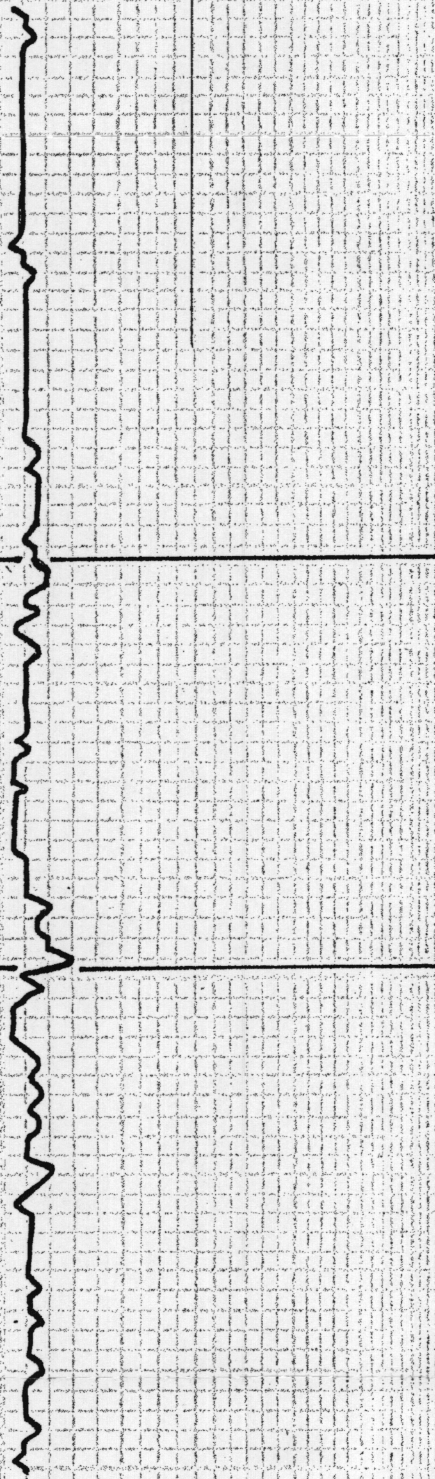
PER FOOT

5" 10" 15" 20" 25"

DEPTH
1500

SAMPLE DESCRIPTIONS

REMARKS



ANHYDRITE 1557 + 793

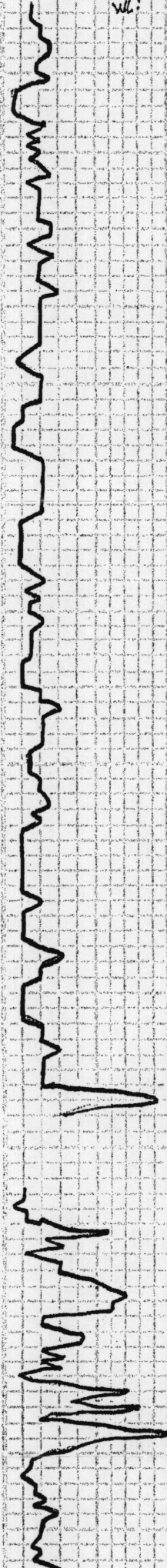
1600

B/ANK. 1599 + 751

1650

3500

VIS: 2B WT: 95
WL: CHL: 46,000

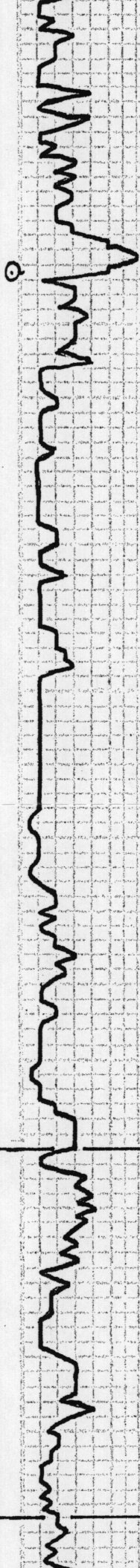


3600

Samples are Lagged

3700

15. To ut. Sl; Foss.



✓ Bit Trip @ 3743

3800

3900

TORONTO

ls. Towl. Si. Foss. vsli. chllly

Sh. HGL

ls. To Ly. Si. Foss. Si. Δ

ls. To wt. Si. Foss.

ls. wt. Si. Foss. vsli. Calotic

ls. LGL. vsli. Foss.

ls. wt. LGL. Foss. Si. Foss

ls. To LGL. vsli. Foss.

ls. To Foss. Calotic

HEEBNER 3862-1512

Sh. BLK Carb.

ls. Bl. vsli. Foss.

Sh. Lt Blue. G.

ls. To wt. Si. Foss. Si. Δ

ls. To wt. vsli. Foss. Si. Δ

Sh. Lt Blue

Sh. Lt. G. Rd

LANSING 3912-1562

ls. To. Si. Foss. Si. Calotic

VIS: 45 WT: 9.1
WL: 92 CAL: 4600

Sh. Rd. Lt G

Ls. wt. Foss. ool. VSi. Chllg.

Sh. Lt G

Ls. wt. Sh Foss. Sh Chllg.

Ls. wt. Foss. Sh. ool. chllg.

Sh. Dk G

Ls. Bl. VSi. Foss.

Sh. Rd.

Ls. Tr. Sh. Foss

Ls. wt. Sh. Foss. Calcitic

Ls. wt ool. Sh. Chllg.

Ls. Lt G. Si. A

Ls. wt. ool. VSi. ool.

L. wt.

Ls. wt. Sh. Foss. Sh. Chllg.

Ls. Lt G. VSi. Chllg.

MUNCIE CREEK 4082-1562

Sh. Blk Carb.
Ls. Bl. VSi. Foss. Sh. Calcitic

Sh. Lt Blue G

Ls. wt. Sh. Foss. Sh. A

Ls. Tr. wt. VSi. Foss. Sh. A

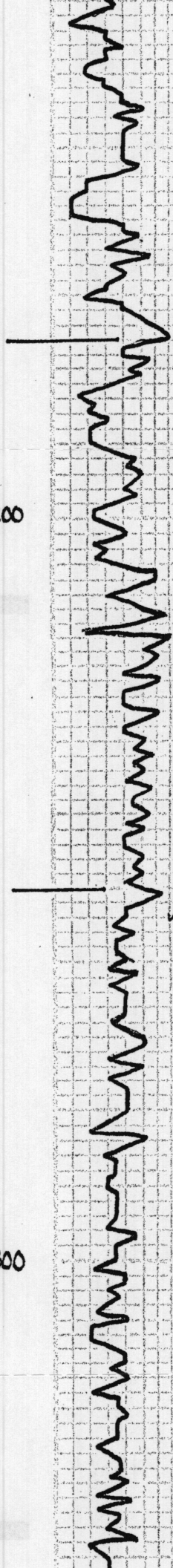
Sh. Dk G

Ls. Bl G. VSi. Foss.

Ls. wt. Tr. Sh. Foss. ool. Sh. Chllg.

4000

4100



4200

4300

LS. wt. Sh. Foss. Si. A

Sh. Ltg.

LS. wt. Ltg. ool. Si. DOC.

LS. T. Ltg. VSi. Foss.

Sh. Dtg. BLE.

LS. wt. Ltg. ool. VSi. Chky.

LS. wt. VSi. Foss. Si. Chky.

Sh. BLE.

Sh. Ltg.

LS. Ltg. VSi. Foss.

BIKC 4250-1900

✓ 606

Sh. Ltg.

LS. T. wt. Si. Foss. Si. Chky.

Sh. Lt. Blue. Ltg.

LS. Ltg. VSi. Foss.

Sh. Lt. Blue. Lt. Silty. Sdy.

LS. T. Ltg. VSi. A

Sh. Ltg. Silty

LS. T. Ltg. Si. A
Sh. Ltg.

LS. Ltg. VSi. Foss. Si. A

Sh. Red

LS. Bu. Ltg. VSi. Foss.

YIS: 43 WT: 9.15
WL: 10.0 CHL: 5900

LS. wt. Ltg. VSi. Foss. Si. A

4400

Sh. Lt. Blk
Ls. Blk. Sh. Foss.

Ls. Tan. Sh. Chlly.

Sh. Dk. **PAWNEE 4378-2028**

Ls. Tan. VSi. Foss. Sh. A

Ls. Lt. VSi. Foss

DST (1) 4427-4472

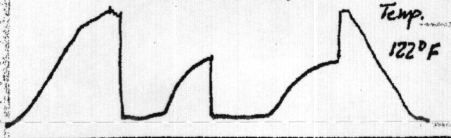
Ls. Lt. Sh. Blk

1st OPEN: Built to 1"
2nd OPEN: No Blow
Tool Sample 100'. M 30-60-45-90
Rec. 10' Mud

Sh. Dk. Sh. Silly

FP: 12-14 15-17"
SIP: 1233-1187"

Ls. Dk. Sh. Silly



Sh. Blk. Carb.

FORT SCOTT 4493-2093

Ls. Tan. ool. Sh. A

Ls. w/ Lt. Sh. Foss. Sh. A Pr. VSi. D
Vlt. Sh. VSi. Foss. (Vlt.) Foss. Foss. Foss.

CHEROKEE 4468-2118

Sh. Blk. Carb.

VIS: 46 VT: 9.35
Vt: 9.21 CNL: 7100

Ls. Tan. Sh. Foss. Sh. A

Ls. Tan. VSi. Foss. Sh. Chlly.

Sh. Lt. Blk. G.

DST (2) 4491-4561

1st OPEN: Blow built to 2 1/4"
2nd OPEN: No Blow
Tool Sample 100'. M 30-60-45-90
Rec. 20' Mud

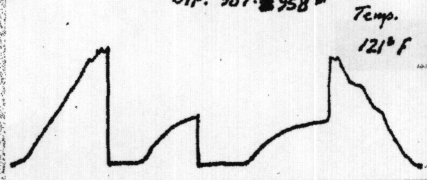
Ls. Tan. Sh. A

FP: 17-20 21-22"

Ls. Tan. VSi. Foss. Sh. A Sh. Collective

SIP: 987-958"

Sh. Lt. Blk. Yellow



Sh. Turq. Yellow Lt. G.

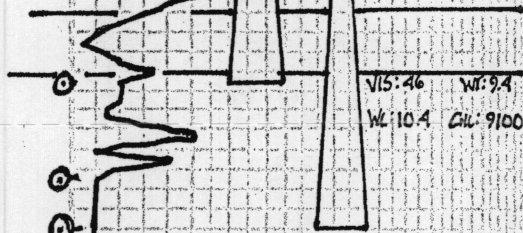
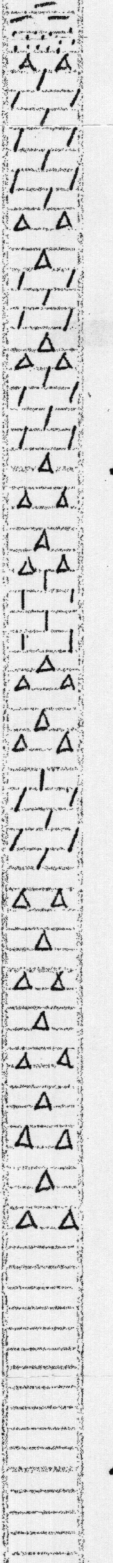
Sh. Yellow Lt. Lt. Purple.

DST (3) 4490-4576

1st OPEN: Blow built to 6" (Shd 8-10")

4500

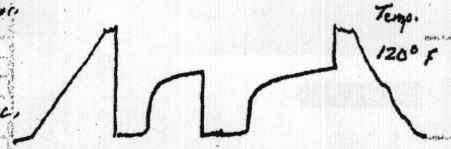
DST (2)
DST (3)



VL: 46 Wt: 9.4
WL: 10.4 Cal: 9100

MISSISSIPPI 4560-2210
 2nd OPEN: " " " 5"
 Tool Sample 30. 60. 95. 90
 1% oil Rec. 127' Mud
 33% Mud
 SD. Ltr. Mtd Col. Sub Rd. P. Jaxh. Lt. Bl. Sh. VSSFD
 SFD, F. Flour. Δ wt Lt. g. w. Lt. Sh. F. Col. Flour. F. Col.
 Dol. To wt. V Foxln Suc. P. Jaxh. Lt. Bl. Sh. VSSFD
 Lt. Bl. Sh. VSSFD F. Col. Flour. F. Odr.
 Δ wt Lt. g. w. Spid. Lt. Bl. Sh. T. FD. F. Flour
 V P Odr.

FP: 35.59 56.76 *
SIP: 1293.1254 *



4600

RTD 4676-2326

4700

Δ wt Lt. g.
 Dol. wt Lt. g. V Foxln Suc. w. Glauc.
 Δ wt Lt. g. VSi Foss.
 Dol. To wt Foxln Suc.
 Δ wt Lt. g.
 15. To Lt. Bl. VSi Foss. Sid. Sil. Col. Ltr.
 Δ wt Lt. g.
 Dol. To V Foxln Suc.
 Δ wt Lt. g.
 Δ wt. Foss.
 Δ wt Lt. g. VSi Foss.



**Company: Raymond Oil
Company, Inc**
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
09
2022

DST #1 **Formation: Fort Scott** **Test Interval: 4427 - 4472'** **Total Depth: 4472'**
Time On: 02:23 06/09 Time Off: 11:14 06/09
Time On Bottom: 05:29 06/09 Time Off Bottom: 09:14 06/09

Electronic Volume
Estimate:
12'

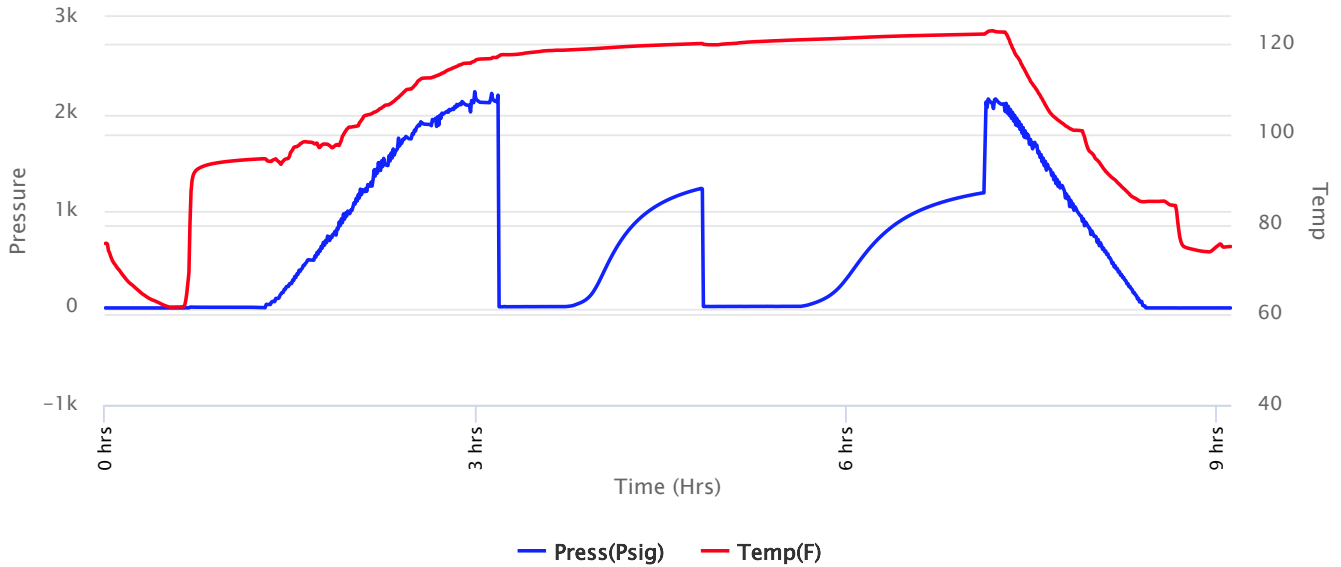
1st Open
Minutes: 30
Current Reading:
1" at 30 min
Max Reading: 1"

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: 90
Current Reading:
0" at 90 min
Max Reading: 0"

Inside Recorder





Company: Raymond Oil Company, Inc
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2345 GL
 Field Name: Sandpit North Ext
 Pool: WILDCAT
 Job Number: 560
 API #: 15-083-22003

Operation:
 Test Complete

DATE
 June
09
 2022

DST #1 **Formation: Fort Scott** **Test Interval: 4427 - 4472'** **Total Depth: 4472'**
 Time On: 02:23 06/09 Time Off: 11:14 06/09
 Time On Bottom: 05:29 06/09 Time Off Bottom: 09:14 06/09

Recovered

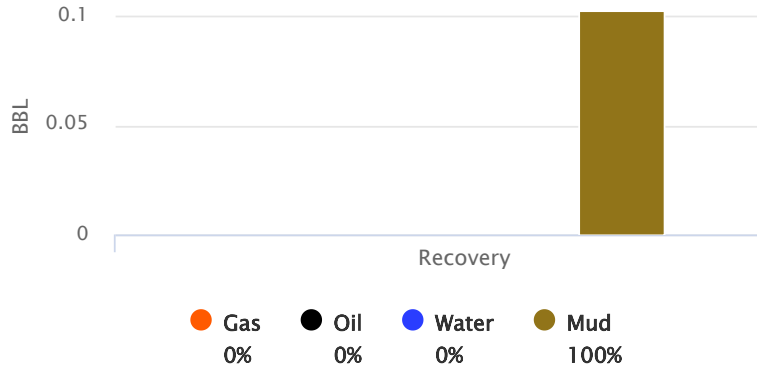
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1026	M	0	0	0	100

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1026

Reversed Out
NO

Initial Hydrostatic Pressure	2117	PSI
Initial Flow	12 to 14	PSI
Initial Closed in Pressure	1233	PSI
Final Flow Pressure	15 to 17	PSI
Final Closed in Pressure	1187	PSI
Final Hydrostatic Pressure	2118	PSI
Temperature	122	°F
Pressure Change Initial Close / Final Close	3.7	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Raymond Oil
Company, Inc**
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
09
2022

DST #1 **Formation: Fort
Scott** **Test Interval: 4427 -
4472'** **Total Depth: 4472'**
Time On: 02:23 06/09 Time Off: 11:14 06/09
Time On Bottom: 05:29 06/09 Time Off Bottom: 09:14 06/09

BUCKET MEASUREMENT:

1st Open: Weak, surface blow building to 1 in. in 30 mins.

1st Close: No blow back.

2nd Open: No blow.

2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud



**Company: Raymond Oil
Company, Inc**
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
09
2022

DST #1 **Formation: Fort Scott** **Test Interval: 4427 - 4472'** **Total Depth: 4472'**
Time On: 02:23 06/09 Time Off: 11:14 06/09
Time On Bottom: 05:29 06/09 Time Off Bottom: 09:14 06/09

Down Hole Makeup

Heads Up: 16.63 FT	Packer 1: 4421.96 FT
Drill Pipe: 4411.02 FT <i>ID-3 1/4</i>	Packer 2: 4426.96 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4411.38 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4463 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: 45.04	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 1 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31.54 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 10 FT <i>4 1/2-FH</i>	



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Company, Inc**
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State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

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June
09
2022

DST #1 **Formation: Fort
Scott** **Test Interval: 4427 -
4472'** **Total Depth: 4472'**

Time On: 02:23 06/09 Time Off: 11:14 06/09
Time On Bottom: 05:29 06/09 Time Off Bottom: 09:14 06/09

Mud Properties

Mud Type: Chemical **Weight:** 9.15 **Viscosity:** 43 **Filtrate:** 10.8 **Chlorides:** 5,900 ppm



Company: Raymond Oil Company, Inc
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2345 GL
 Field Name: Sandpit North Ext
 Pool: WILDCAT
 Job Number: 560
 API #: 15-083-22003

Operation:
 Test Complete

DATE
 June
10
 2022

DST #2 **Formation:** Cherokee/Mississippi **Test Interval: 4491 - 4561'** **Total Depth: 4561'**
 Time On: 01:16 06/10 Time Off: 10:07 06/10
 Time On Bottom: 04:03 06/10 Time Off Bottom: 07:48 06/10

Electronic Volume Estimate:
 26'

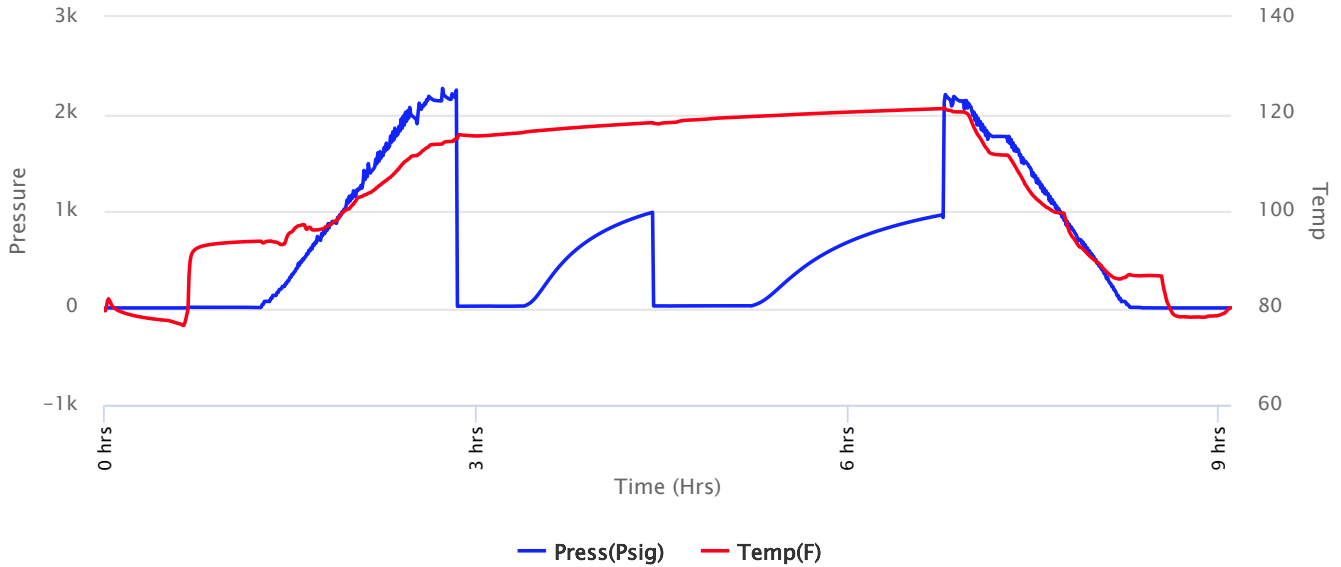
1st Open
 Minutes: 30
 Current Reading: 2" at 30 min
 Max Reading: 2.2"

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: 90
 Current Reading: 0" at 90 min
 Max Reading: 0"

Inside Recorder





Company: Raymond Oil Company, Inc
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2345 GL
 Field Name: Sandpit North Ext
 Pool: WILDCAT
 Job Number: 560
 API #: 15-083-22003

Operation:
 Test Complete

DATE
 June
10
 2022

DST #2 **Formation:** Cherokee/Mississippi **Test Interval: 4491 - 4561'** **Total Depth: 4561'**
 Time On: 01:16 06/10 Time Off: 10:07 06/10
 Time On Bottom: 04:03 06/10 Time Off Bottom: 07:48 06/10

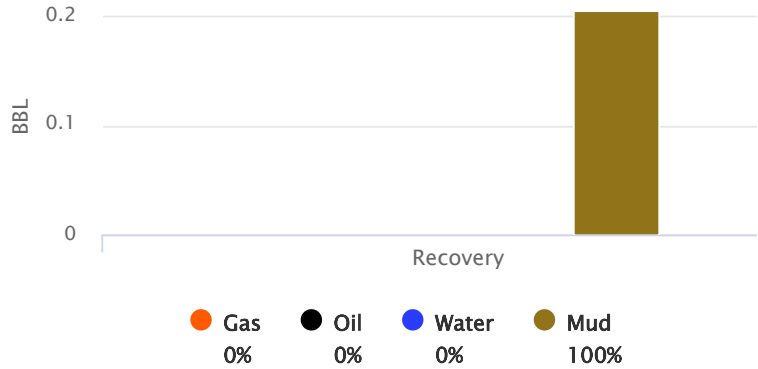
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
20	0.2052	M	0	0	0	100

Total Recovered: 20 ft
 Total Barrels Recovered: 0.2052

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	2151	PSI
Initial Flow	17 to 20	PSI
Initial Closed in Pressure	987	PSI
Final Flow Pressure	21 to 22	PSI
Final Closed in Pressure	958	PSI
Final Hydrostatic Pressure	2152	PSI
Temperature	121	°F
Pressure Change Initial Close / Final Close	2.9	%

GIP cubic foot volume: 0



**Company: Raymond Oil
Company, Inc
Lease: Gibbs "A" Unit #1**

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
10
2022

DST #2 **Formation:** **Test Interval: 4491 -** **Total Depth: 4561'**
Cherokee/Mississippi **4561'**
Time On: 01:16 06/10 Time Off: 10:07 06/10
Time On Bottom: 04:03 06/10 Time Off Bottom: 07:48 06/10

BUCKET MEASUREMENT:

1st Open: 1/2 in. blow. building to 2 1/4 ins. in 30 mins.
1st Close: No blow back.
2nd Open: No blow.
2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud



**Company: Raymond Oil
Company, Inc**
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
10
2022

DST #2 **Formation:** **Test Interval: 4491 -** **Total Depth: 4561'**
Cherokee/Mississippi **4561'**
Time On: 01:16 06/10 Time Off: 10:07 06/10
Time On Bottom: 04:03 06/10 Time Off Bottom: 07:48 06/10

Down Hole Makeup

Heads Up: 15.73 FT	Packer 1: 4486 FT
Drill Pipe: 4474.16 FT <i>ID-3 1/4</i>	Packer 2: 4491 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4475.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4527 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: 70	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 1 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31.5 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 35 FT <i>4 1/2-FH</i>	



**Company: Raymond Oil
Company, Inc**
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
10
2022

DST #2 **Formation:** **Test Interval: 4491 -** **Total Depth: 4561'**
Cherokee/Mississippi **4561'**
Time On: 01:16 06/10 Time Off: 10:07 06/10
Time On Bottom: 04:03 06/10 Time Off Bottom: 07:48 06/10

Mud Properties

Mud Type: Chemical **Weight:** 9.35 **Viscosity:** 45 **Filtrate:** 9.2 **Chlorides:** 7,100 ppm



Company: Raymond Oil Company, Inc
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2345 GL
 Field Name: Sandpit North Ext
 Pool: WILDCAT
 Job Number: 560
 API #: 15-083-22003

Operation:
 Test Complete

DATE
 June
10
 2022

DST #3 **Formation: Miss** **Test Interval: 4490 - 4576'** **Total Depth: 4576'**

Time On: 17:34 06/10 Time Off: 02:39 06/11
 Time On Bottom: 20:21 06/10 Time Off Bottom: 00:06 06/11

Electronic Volume Estimate:
 110'

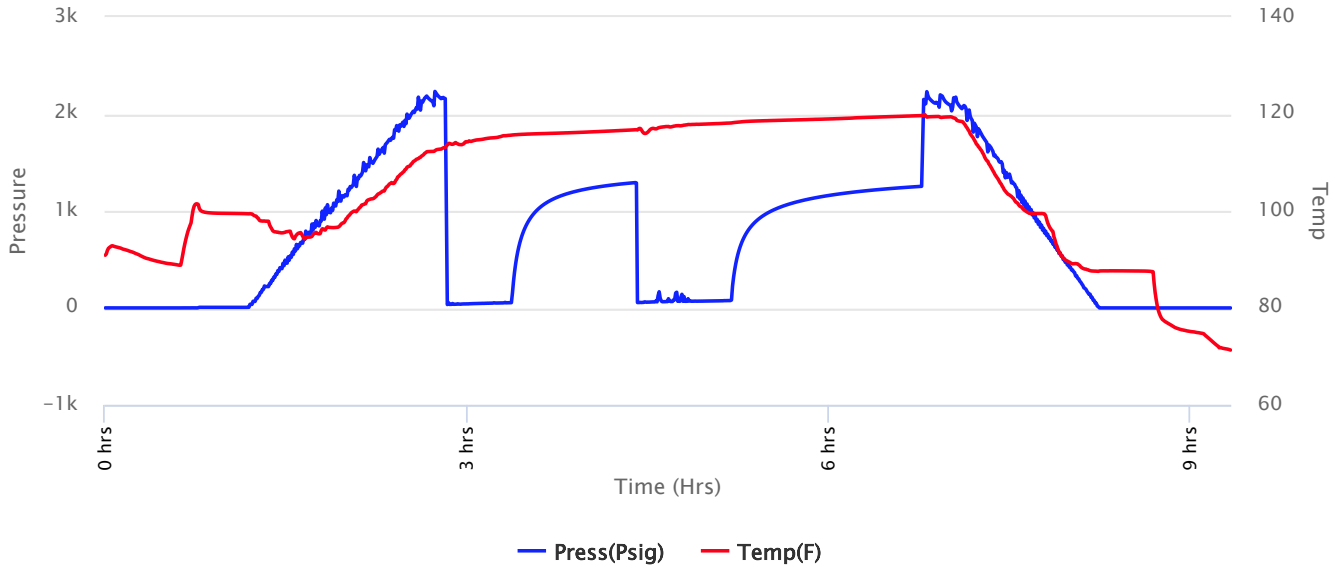
1st Open
 Minutes: 30
 Current Reading: 6.1" at 30 min
 Max Reading: 6.1"

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

2nd Open
 Minutes: 45
 Current Reading: 3.1" at 45 min
 Max Reading: 3.1"

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

Inside Recorder





Company: Raymond Oil Company, Inc
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2345 GL
 Field Name: Sandpit North Ext
 Pool: WILDCAT
 Job Number: 560
 API #: 15-083-22003

Operation:
 Test Complete

DATE
 June
10
 2022

DST #3 **Formation: Miss** **Test Interval: 4490 - 4576'** **Total Depth: 4576'**
 Time On: 17:34 06/10 Time Off: 02:39 06/11
 Time On Bottom: 20:21 06/10 Time Off Bottom: 00:06 06/11

Recovered

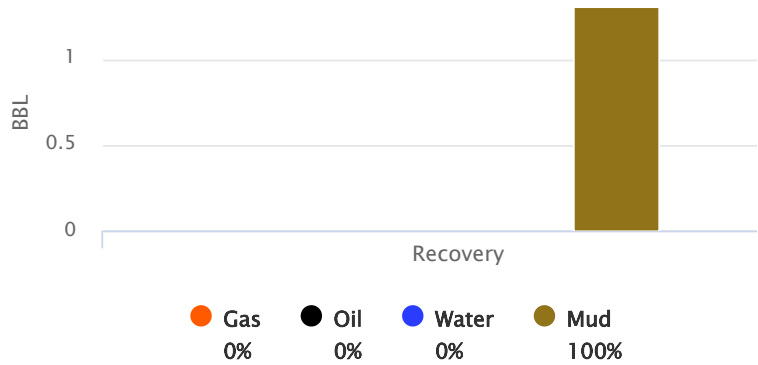
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
127	1.30302	M	0	0	0	100

Total Recovered: 127 ft
 Total Barrels Recovered: 1.30302

Reversed Out
 NO

Initial Hydrostatic Pressure	2158	PSI
Initial Flow	35 to 54	PSI
Initial Closed in Pressure	1293	PSI
Final Flow Pressure	56 to 76	PSI
Final Closed in Pressure	1254	PSI
Final Hydrostatic Pressure	2154	PSI
Temperature	120	°F
Pressure Change Initial Close / Final Close	3.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Raymond Oil
Company, Inc**
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
10
2022

DST #3 Formation: Miss Test Interval: 4490 - Total Depth: 4576'
4576'
Time On: 17:34 06/10 Time Off: 02:39 06/11
Time On Bottom: 20:21 06/10 Time Off Bottom: 00:06 06/11

BUCKET MEASUREMENT:

1st Open: 2" Blow Built to 6 inches in 30 minutes
1st Close: NOBB
2nd Open: WSB. Built to 3 inches in 45 minutes.
2nd Close: NOBB

REMARKS:

Slid 10 feet to bottom when tool opened. As the tool slid to bottom it took in about 5 feet of mud.

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



**Company: Raymond Oil
Company, Inc**
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
10
2022

DST #3 **Formation: Miss** **Test Interval: 4490 - 4576'** **Total Depth: 4576'**
Time On: 17:34 06/10 Time Off: 02:39 06/11
Time On Bottom: 20:21 06/10 Time Off Bottom: 00:06 06/11

Down Hole Makeup

Heads Up: 15.77 FT	Packer 1: 4484.93 FT
Drill Pipe: 4473.13 FT <i>ID-3 1/4</i>	Packer 2: 4489.93 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4474.35 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4555 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: 86.07	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 1 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.07 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 19 FT <i>4 1/2-FH</i>	



Company: Raymond Oil Company, Inc
Lease: Gibbs "A" Unit #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2345 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 560
API #: 15-083-22003

Operation:
Test Complete

DATE
June
10
2022

DST #3 **Formation: Miss** **Test Interval: 4490 - 4576'** **Total Depth: 4576'**
Time On: 17:34 06/10 Time Off: 02:39 06/11
Time On Bottom: 20:21 06/10 Time Off Bottom: 00:06 06/11

Mud Properties

Mud Type: Chem **Weight:** 9.4 **Viscosity:** 46 **Filtrate:** 10.4 **Chlorides:** 9100 ppm