

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

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

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

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</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	Brito Oil Company, Inc.
Well Name	WYLIE 1-31
Doc ID	1471102

Tops

Name	Top	Datum
Anhy	21773	468
B/Anhy	2212	429
HB	3853	-1213
LKC	3892	-1252
Mincie Crk	4036	-1396
Stark Sh	4111	-1471
BKC	4160	-1520
Marmaton	4187	-1547
Pawnee	4312	-1672
FS	4377	-1737
Cher	4404	-1764
<iss	4476	-1839



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324

ATTN: Robert Hendrix

Wylie #1-31

31-12S-26W Gove,KS

Start Date: 2019.04.12 @ 14:46:00

End Date: 2019.04.13 @ 00:04:00

Job Ticket #: 65112 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.04.16 @ 09:26:53

Brito Oil Company Inc
31-12S-26W Gove,KS
Wylie #1-31
DST # 1
LKC'B
2019.04.12



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 8100 E 22nd ST N
 Bldg 600, Suite R
 Wichita KS 67226+2324
 ATTN: Robert Hendrix

31-12S-26W Gove,KS
Wylie #1-31
 Job Ticket: 65112 **DST#: 1**
 Test Start: 2019.04.12 @ 14:46:00

GENERAL INFORMATION:

Formation: **LKC 'B'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:04:30
 Time Test Ended: 00:04:00
 Interval: **3920.00 ft (KB) To 3939.00 ft (KB) (TVD)**
 Total Depth: 3939.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2640.00 ft (KB)
 2630.00 ft (CF)
 KB to GR/CF: 10.00 ft

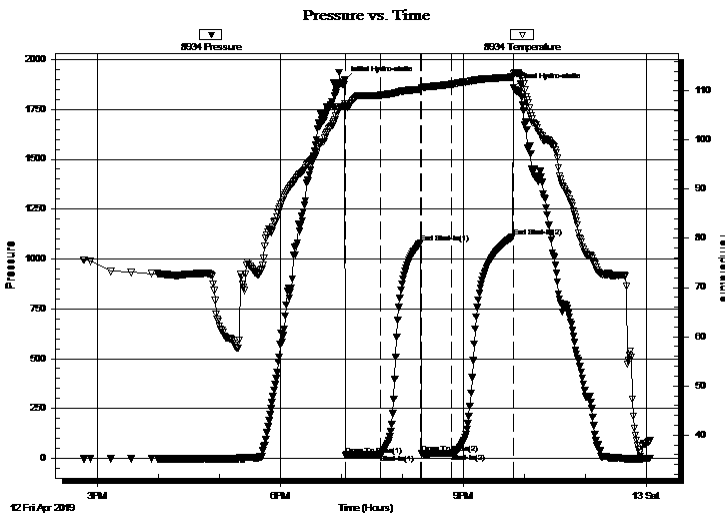
Serial #: 8934

Inside

Press@RunDepth: 26.58 psig @ 3921.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.12 End Date: 2019.04.13 Last Calib.: 2019.04.13
 Start Time: 14:46:15 End Time: 00:04:00 Time On Btm: 2019.04.12 @ 19:03:30
 Time Off Btm: 2019.04.12 @ 21:49:45

TEST COMMENT: 30-IF-Weak; Built to 3"
 45-ISI-No Return
 30-FF-Weak; Built to 2"
 60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.40	107.05	Initial Hydro-static
1	17.34	106.91	Open To Flow (1)
35	20.79	109.08	Shut-In(1)
75	1081.67	110.32	End Shut-In(1)
76	23.64	110.61	Open To Flow (2)
105	26.58	111.34	Shut-In(2)
166	1111.32	112.82	End Shut-In(2)
167	1859.47	113.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	SMCO 5%M 95%O	0.64

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

31-12S-26W Gove,KS

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

Wylie #1-31

Job Ticket: 65112

DST#: 1

Test Start: 2019.04.12 @ 14:46:00

Tool Information

Drill Pipe:	Length: 3908.00 ft	Diameter: 3.82 inches	Volume: 55.40 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 61000.00 lb
			<u>Total Volume: 55.40 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3920.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3892.00	
Shut In Tool	5.00			3897.00	
Hydraulic tool	5.00			3902.00	
EM Tool	5.00			3907.00	
Safety Joint	3.00			3910.00	
Packer	5.00			3915.00	29.00 Bottom Of Top Packer
Packer	5.00			3920.00	
Stubb	1.00			3921.00	
Recorder	0.00	8934	Inside	3921.00	
Recorder	0.00	8352	Outside	3921.00	
Perforations	15.00			3936.00	
Bullnose	3.00			3939.00	19.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

31-12S-26W Gove,KS

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

Wylie #1-31

Job Ticket: 65112

DST#: 1

Test Start: 2019.04.12 @ 14:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	SMCO 5%M 95%O	0.638

Total Length: 45.00 ft Total Volume: 0.638 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

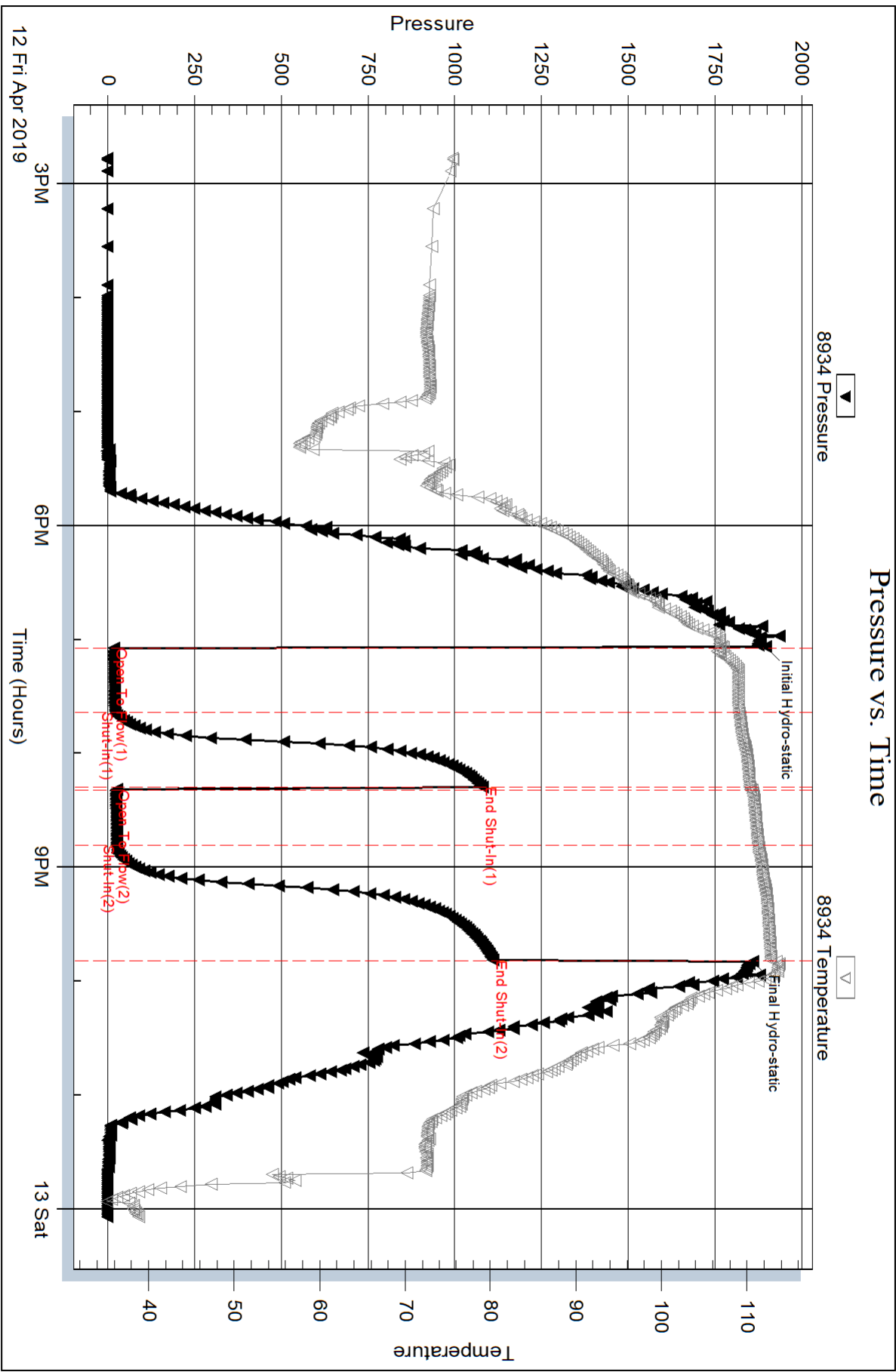
Serial #: 8934

Inside

Brito Oil Company Inc

Wylie #1-31

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65112

Printed: 2019.04.16 @ 09:26:54

Serial #: 8352

Outside Brito Oil Company Inc

Wylie #1-31

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324

ATTN: Robert Hendrix

Wylie #1-31

31-12S-26W Gove,KS

Start Date: 2019.04.13 @ 14:30:00

End Date: 2019.04.13 @ 22:43:15

Job Ticket #: 65113 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.04.16 @ 08:22:39

Brito Oil Company Inc
31-12S-26W Gove,KS
Wylie #1-31
DST # 2
LKC 'r'
2019.04.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

31-12S-26W Gove,KS

Wylie #1-31

Job Ticket: 65113

DST#: 2

Test Start: 2019.04.13 @ 14:30:00

GENERAL INFORMATION:

Formation: **LKC 'I'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:44:15
 Time Test Ended: 22:43:15
 Interval: **4062.00 ft (KB) To 4095.00 ft (KB) (TVD)**
 Total Depth: 4095.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2640.00 ft (KB)
 2630.00 ft (CF)
 KB to GR/CF: 10.00 ft

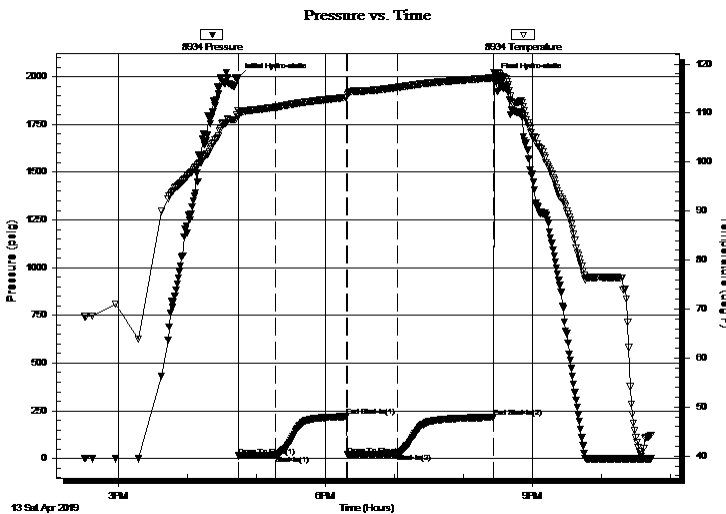
Serial #: 8934

Inside

Press@RunDepth: 25.32 psig @ 4063.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.13 End Date: 2019.04.13 Last Calib.: 2019.04.13
 Start Time: 14:30:15 End Time: 22:43:15 Time On Btm: 2019.04.13 @ 16:44:00
 Time Off Btm: 2019.04.13 @ 20:26:30

TEST COMMENT: 30-IF-Weak; Built to 3 1/4"
 60-ISI-No Return
 45-FF-Weak; Built to 3"
 90-FF-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.39	110.58	Initial Hydro-static
1	14.32	109.30	Open To Flow (1)
33	17.99	111.18	Shut-In(1)
94	219.77	113.19	End Shut-In(1)
95	18.95	113.74	Open To Flow (2)
139	25.32	115.22	Shut-In(2)
222	215.83	117.18	End Shut-In(2)
223	1995.13	118.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	FO 97%O 3%M	0.50

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

31-12S-26W Gove,KS

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

Wylie #1-31

Job Ticket: 65113

DST#: 2

Test Start: 2019.04.13 @ 14:30:00

Tool Information

Drill Pipe:	Length: 4065.00 ft	Diameter: 3.82 inches	Volume: 57.62 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 61000.00 lb
			<u>Total Volume: 57.62 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4062.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4034.00	
Shut In Tool	5.00			4039.00	
Hydraulic tool	5.00			4044.00	
EM Tool	5.00			4049.00	
Safety Joint	3.00			4052.00	
Packer	5.00			4057.00	29.00 Bottom Of Top Packer
Packer	5.00			4062.00	
Stubb	1.00			4063.00	
Recorder	0.00	8934	Inside	4063.00	
Recorder	0.00	8352	Outside	4063.00	
Perforations	29.00			4092.00	
Bullnose	3.00			4095.00	33.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

31-12S-26W Gove,KS

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

Wylie #1-31

Job Ticket: 65113

DST#: 2

Test Start: 2019.04.13 @ 14:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	FO 97%O 3%M	0.496

Total Length: 35.00 ft Total Volume: 0.496 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

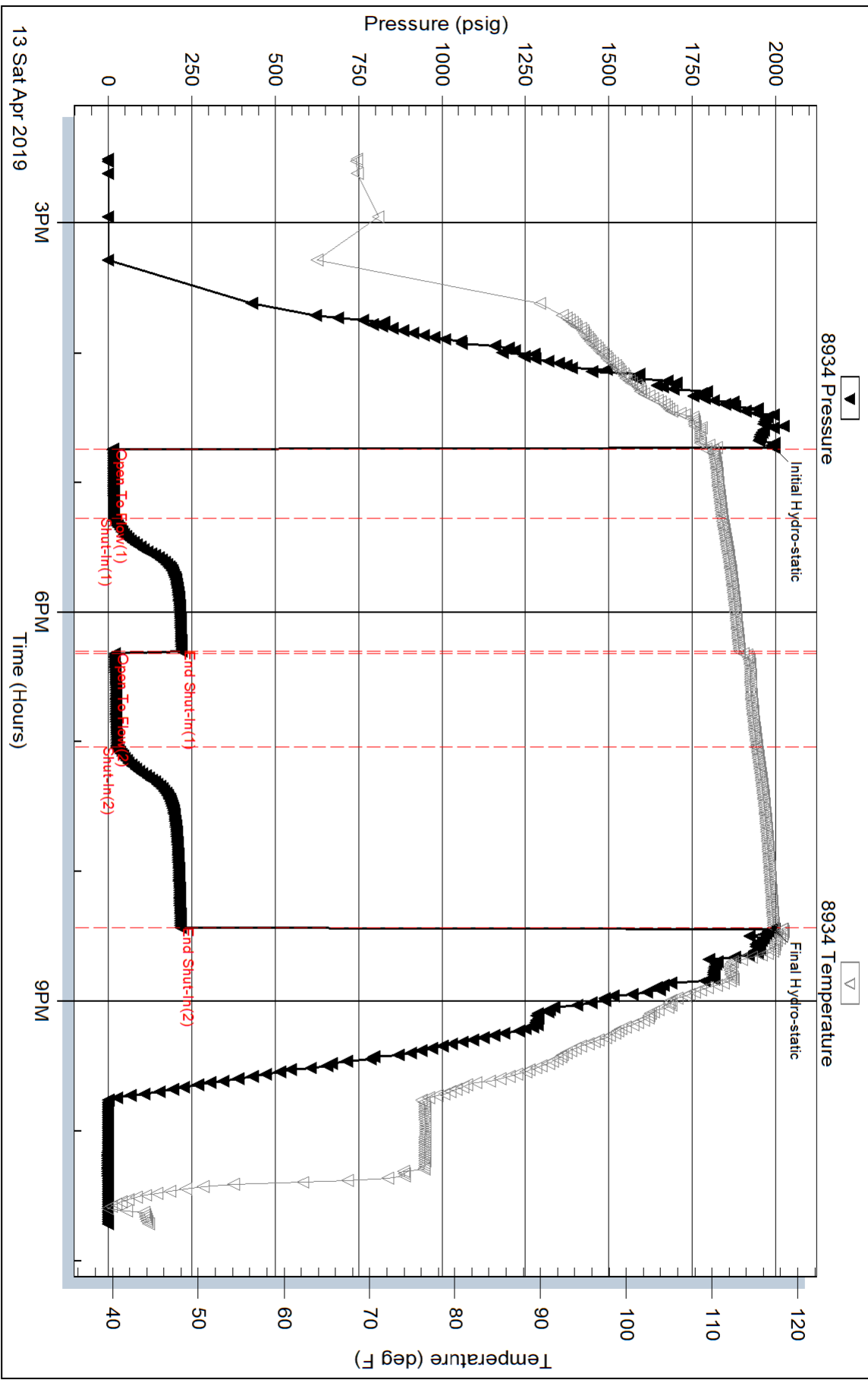
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

Pressure vs. Time

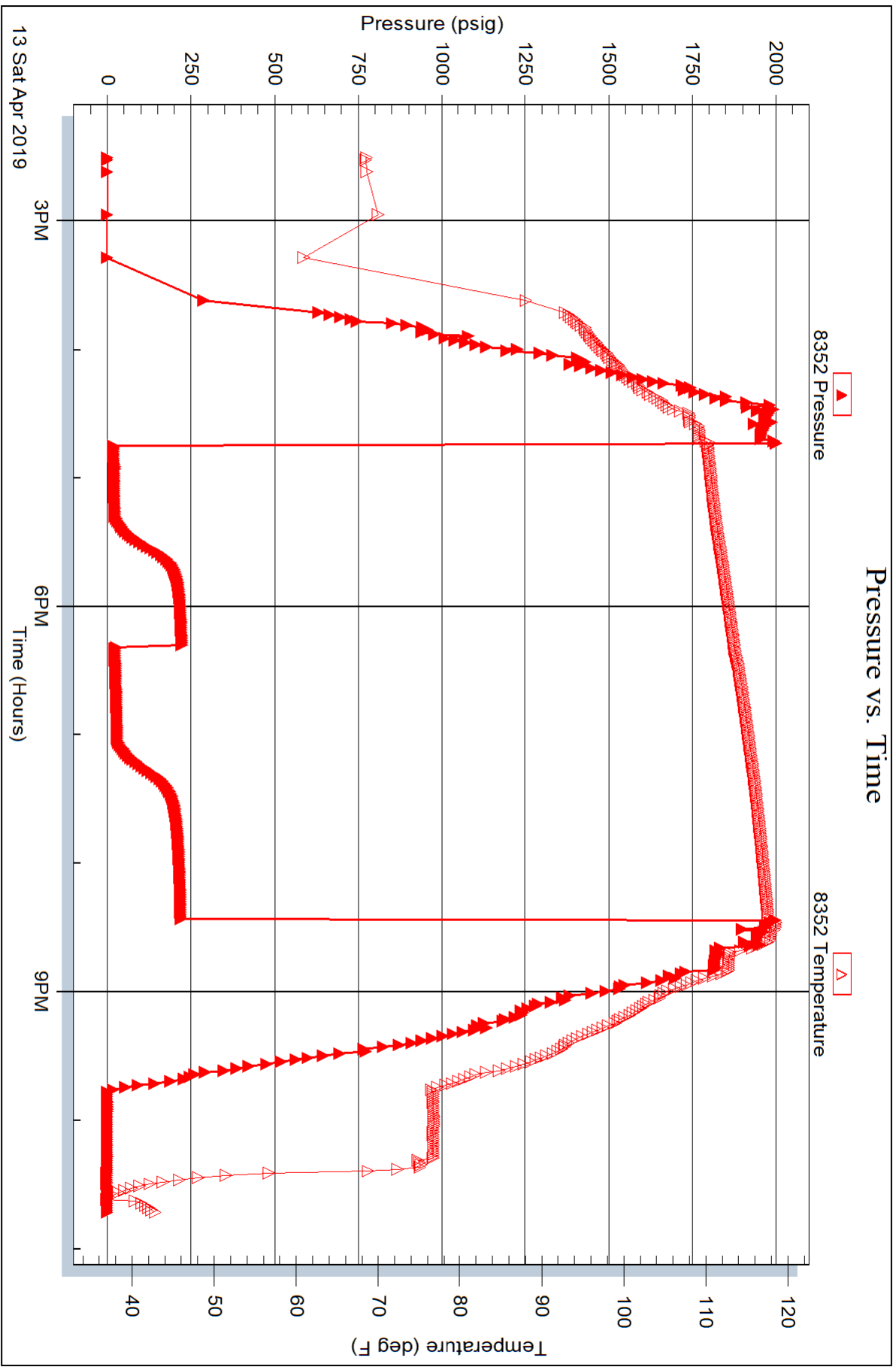


Serial #: 8352

Outside Brito Oil Company Inc

Wylie #1-31

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65112**

Well Name & No. Wylie #1-31 Test No. 1 Date 04/12/2019
 Company Brito Oil Company Inc Elevation 2640 KB 2630 GL
 Address 8100 E 22nd St R0 Bldg 600, Suite R Wichita, KS 67261-324
 Co. Rep / Geo. Robert Hendrix Rig Southwind #8
 Location: Sec. 31 Twp 12s Rge. 26w Co. Done State Ks

Interval Tested 3920' - 3939' Zone Tested LHC 'B'
 Anchor Length 19' Drill Pipe Run 3908' Mud Wt. 8.8
 Top Packer Depth 3915' Drill Collars Run - Vis 54
 Bottom Packer Depth 3920' Wt. Pipe Run - WL 6.4
 Total Depth 3939' Chlorides 1200 ppm System LCM 2#

Blow Description 77-Weak Blow; Built to 3"
78- No Return
77-Weak; Built to 2"
78- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>45'</u>	<u>FO</u>	<u>95</u>		<u>.5</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

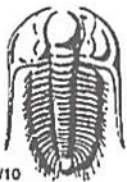
Rec Total 45' BHT 1120 Gravity 24° API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1896 Test 1200 T-On Location 14:19
 (B) First Initial Flow 17 Jars - T-Started 14:46
 (C) First Final Flow 20 Safety Joint - T-Open 19:04
 (D) Initial Shut-In 1081 Circ Sub - T-Pulled 21:50
 (E) Second Initial Flow 23 Hourly Standby 1 .75h 75 T-Out 00:02 04/13/2019
 (F) Second Final Flow 26 Mileage 14027 140 Comments -
 (G) Final Shut-In 1111 Sampler -
 (H) Final Hydrostatic 1859 Straddle - EM Tool 350
 Ruined Shale Packer -
 Ruined Packer -
 Extra Packer -
 Extra Recorder -
 Extra Copies -
 Day Standby -
 Accessibility -
 Sub Total 1415 Total 1765

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 60
 Approved By _____ Our Representative Granger J. Stead Thanks!
 Sub Total 1415 MP/DST Disc't -

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65113

Well Name & No. Wylie #1-31 Test No. 2 Date 04/13/2019
 Company Brito Oil Company Inc Elevation 2640 KB 2630 GL
 Address 8100 E 22nd St N Bldg 600 Suite R Wichita KS 67226+2324
 Co. Rep / Geo. Robert Hendrix Rig Southernwind #8
 Location: Sec. 31 Twp 24 Rge. 26w Co. Nowe State KS

Interval Tested 4062' - 4095' Zone Tested LKC 'D'
 Anchor Length 33' Drill Pipe Run 4065' Mud Wt. 9.1
 Top Packer Depth 4057' Drill Collars Run - Vis 58
 Bottom Packer Depth 4062' Wt. Pipe Run - WL 6.0
 Total Depth 4095' Chlorides 2600 ppm System LCM 2#

Blow Description 67- Weak; Built to 3 1/4"
68- No Return
77- Weak Built to 3"
78- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>FO</u>	<u>97</u>		<u>3</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 35 BHT 117° Gravity 26° API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1997 Test 1300 T-On Location 14:10
 (B) First Initial Flow 14 Jars - T-Started 14:30
 (C) First Final Flow 17 Safety Joint - T-Open 16:40
 (D) Initial Shut-In 219 Circ Sub - T-Pulled 20:25
 (E) Second Initial Flow 18 Hourly Standby - T-Out 22:40
 (F) Second Final Flow 25 Mileage 140 RT x 2 140+140 Comments loaded @ 16:00
 (G) Final Shut-In 215 Sampler - had to wait on loggers
 (H) Final Hydrostatic 1995 Straddle - for an hr 04/15/2019
 EM Tool 350

Initial Open 30 Shale Packer - Ruined Shale Packer -
 Initial Shut-In 60 Extra Packer - Ruined Packer -
 Final Flow 45 Extra Recorder - Extra Copies -
 Final Shut-In 90 Day Standby 4 hrs 1.5d 5.25h Sub Total 350+800
 Accessibility - Total 2730
 Sub Total 1580 MP/DST Disc't -

Approved By _____ Our Representative Spencer J. Frank

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Robert D. Hendrix

Petroleum Geologist

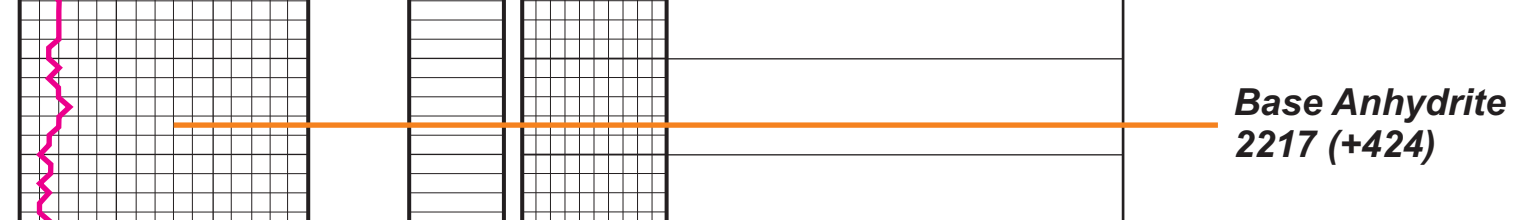
GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Wylie #1-31	ELEVATIONS	KB 2640
LEASE	Eagle Ridge	DF	
FIELD	2310' fs & 2220' fw	GL	2630
LOCATION	31 TWP 12S RGE 26W	Measurements Are All From Kelly Bushing	
SFC	Gove STATE Kansas	CASING	
COUNTY	Southwind Drilling Rig #8	CONTRACTOR	4/5/2019
CONTRACTOR	4/8/2019	COWP	4/5/2019
SPUD	4/5/20	LTD	4/5/20
R/D	3500	TYPE MUD	Chemical
MUD UP	3600	CONDUCTOR	
SAMPLES SAVED FROM	3600 TO TD	SURFACE	8-5/8" at 213'
DRILLING TIME KEPT FROM	3600 TO TD	PRODUCTION	
SAMPLES EXAMINED FROM	3600 TO TD	ELECTRICAL SURVEYS	
GEOLOGICAL SUPERVISION FROM	3611		
GEOLOGIST ON WELL	Robert D. Hendrix		

REMARKS: Due to the negative results on both DST's on the 2 shows that were tested and no other favorable zones otherwise indicated on an electric log examination. The decision was made to plug and abandon this test. Robert Hendrix

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	2172 (+468)	2178 (-463)
Topeka	3632 (-992)	3637 (-997)
Heebner	3893 (-1213)	3895 (-1215)
Lansing	3892 (-1252)	3894 (-1254)
Stark Shale	4111 (-1471)	4116 (-1476)
BKC	4160 (-1520)	4163 (-1523)
Pawnee	4312 (-1672)	4315 (-1675)
Cherokee Shale	4404 (-1764)	4407 (-1767)
Mississipp	4492 (-1852)	4492 (-1852)



DEPTH	LITHOLOGY	SAMPLE DESCRIPTION	REMARKS
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DEPTH	LITHOLOGY	SAMPLE DESCRIPTION	REMARKS
2150	Anhydrite		Anhydrite 2178 (+463)
2200	Anhydrite		Base Anhydrite 2217 (+424)
2250			
3600	Limestone: tan to white, f,fxn, chalky, fossiliferous, no vis por		Geologist on location 3611' at 10:34 pm 4/11/2019 Mud check 4/11/2019 wt 8.9, vis. 35, lcm x4# Mud-Co, Reid Atkins
3637	Shale: gray, red, silty		
3637	Limestone: white, tan to brown, f-mxn, sl chalky, sl oolitic in part, fossiliferous, no vis por, ns		Topeka 3637 (-997)
3637	Shale: gray, red, brown, silty		
3637	Limestone: tan to lt brown, f-mxn, sl chalky, oolitic in part, fossiliferous, no vis por		
3637	Shale: gray, red, brittle, fissle		
3637	Limestone: tan to brown, f,fxn, sl chalky, fossiliferous, brown mineralized spots, pyrite, no vis por		
3637	Shale: gray, red		
3637	Limestone: tan to brown, f,fxn, mostly dense, sl chalky, fossiliferous, no vis por		
3637	Shale: black to gray		
3637	Limestone: tan, f,fxn, chalky, fossiliferous, pyritic, no vis por		
3637	Shale: gray, silty		
3637	Limestone: tan to brown, f-mxn, pyritic, fossiliferous, brown mineralized streaks, no vis por		
3637	Shale: black, gray, green		
3637	Limestone: tan, mxn, chalky, fossiliferous, no vis por		
3637	Shale: dark to lt gray, green, red		
3637	Limestone: tan to brown, f-mxn, chalky, fossiliferous, no vis por		
3637	Limestone: brown, f,fxn, granular, mineralized streaks, fossiliferous, no vis por		
3637	Shale: lt to dark gray		
3637	Limestone: tan, f,fxn, cherty, no vis por		
3637	Shale: gray, red, silty		
3637	Limestone: tan, f-mxn, sl chalky, fossiliferous, no vis por		
3637	Shale: gray, dark gray		
3637	Limestone: tan, f,fxn, sl chalky, fossiliferous, Abd calcite replacement, no vis por		
3637	Shale: gray, dark gray		
3637	Limestone: tan, mxn, sl cherty, oolitic, fossiliferous, no vis por		
3637	Shale: gray, silty		
3637	Limestone: tan, m-ixn, oolitic, granular in part, fossiliferous, dark mineral streaks, fr oolitic por		
3637	Shale: black carbonaceous		Heebner 3855 (-1215)
3637	Limestone: brown, m-ixn, dense, v-fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: white to tan, f,fxn, sl chalky, v-cherty, oolitic in part, fossiliferous, no vis por		8:00am, 4/12/2019 Toronto 3875 (-1235)
3637	Shale: gray, green, red		
3637	Limestone: tan to white, f-mxn, sl chalky, cherty, oolitic, fossiliferous, fr interxin por, ns		Lansing 3894 (-1254)
3637	Limestone: white to lt brown, f,fxn, sl chalky, cherty, pyritic, sl oolitic, fossiliferous, pr interxin por, ns		
3637	Shale: gray, green		
3637	Limestone: tan, m-ixn, oolitic, fossiliferous, 10% sample fr-gd oolimoldic por, gd dark sat stain, fr sfo (light), good odor		
3637	Shale: gray, green, red		
3637	Limestone: white to tan, f-mxn, chalky, fossiliferous, no vis por		
3637	Limestone: tan, f,fxn, chalky, fossiliferous, abd calcite replacement, no vis por		
3637	Shale: red, gray		
3637	Limestone: white, f-mxn, sl chalky, oolitic, fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: tan to lt brown, f-mxn, sl cherty, dense in part, oolitic, fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: white to tan, f,fxn, cherty, chalky, oolitic, fossiliferous, no vis por		
3637	Shale: gray, dark to light		
3637	Limestone: tan, f-mxn, oolitic, fossiliferous, red upper portion 20% sample fr interxin to vugular por, dark sat stain, gdsfo, good odor		
3637	Shale: gray, red, dark green		
3637	Limestone: white to tan, f-mxn, sl chalky, sl cherty, fossiliferous, no vis por		
3637	Shale: black carbonaceous, gray		Stark Shale 4116 (-1476)
3637	Limestone: tan to white, f,fxn, v-chalky, sl cherty, sl oolitic, fossiliferous, no vis por		
3637	Shale: gray, black, red, silty		
3637	Limestone: gray to tan, f,fxn, dense, sl cherty, sl fossiliferous, no vis por, ns		
3637	Shale: gray, black, red, green laminated		BKC 4163 (-1523)
3637	Limestone: tan to white, f,fxn, chalky, fossiliferous, no vis por, ns		
3637	Shale: gray, black, brown, red, silty		
3637	Limestone: tan, f,fxn, sl oolitic, fossiliferous, no vis por		
3637	Shale: gray, black carbonaceous, red, silty		
3637	Limestone: white, f,fxn, v-oolitic, fossiliferous, red stained cement in the interstices, pr interxin por, ns		
3637	Shale: gray, green, red, silty		
3637	Limestone: tan to brown, f-mxn, chert, oolitic, fossiliferous, no vis por		
3637	Limestone: gray to tan, f,fxn, dense, no vis por		
3637	Shale: gray, black, olive		
3637	Limestone: tan to gray, f,fxn, dense, fossiliferous, no vis por		Pawnee 4315 (-1675)
3637	Limestone: tan to gray, f,fxn, dense, no vis por		
3637	Shale: gray, red		
3637	Shale: black carbonaceous		Ft Scott 4380 (-1740)
3637	Limestone: brown to tan, f,fxn, dense, oolitic in part, sl fossiliferous, no vis por		
3637	Shale: black carbonaceous		
3637	Limestone: gray, f,fxn, oolitic, fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: tan to brown, f,fxn, sl cherty, fossiliferous, no vis por		
3637	Shale: black, gray, green		
3637	Limestone: tan to brown, f,fxn, dense, sl cherty, sl fossiliferous, no vis por		
3637	Shale: gray, red, black carbonaceous		
3637	Limestone: tan to brown, f-mxn, v-fossiliferous, abd calcite replacement, no vis por		
3637	Limestone: brown to tan, f,fxn, cherty (orange), fossiliferous, calcite replacement, no vis por		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Shale: gray, red, green, laminated, chert, Limestone, Dolomite		
3637	Dolomite: tan, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		Mississipp 4492 (-1852)
3637	Dolomite: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to tan, f,fxn, cherty, granular, fr interxin por, ns		
3637	Limestone: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Limestone: tan to brown, f-mxn, chert, oolitic, fossiliferous, no vis por		
3637	Limestone: gray to tan, f,fxn, dense, no vis por		
3637	Shale: gray, black, olive		
3637	Limestone: tan to gray, f,fxn, dense, fossiliferous, no vis por		
3637	Limestone: tan to gray, f,fxn, dense, no vis por		
3637	Shale: gray, red		
3637	Shale: black carbonaceous		
3637	Limestone: brown to tan, f,fxn, dense, oolitic in part, sl fossiliferous, no vis por		
3637	Shale: black carbonaceous		
3637	Limestone: gray, f,fxn, oolitic, fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: tan to brown, f,fxn, sl cherty, fossiliferous, no vis por		
3637	Shale: black, gray, green		
3637	Limestone: tan to brown, f,fxn, dense, sl cherty, sl fossiliferous, no vis por		
3637	Shale: gray, red, black carbonaceous		
3637	Limestone: tan to brown, f-mxn, v-fossiliferous, abd calcite replacement, no vis por		
3637	Limestone: brown to tan, f,fxn, cherty (orange), fossiliferous, calcite replacement, no vis por		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Shale: gray, red, green, laminated, chert, Limestone, Dolomite		
3637	Dolomite: tan, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to tan, f,fxn, cherty, granular, fr interxin por, ns		
3637	Limestone: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Limestone: tan to brown, f-mxn, chert, oolitic, fossiliferous, no vis por		
3637	Limestone: gray to tan, f,fxn, dense, no vis por		
3637	Shale: gray, black, olive		
3637	Limestone: tan to gray, f,fxn, dense, fossiliferous, no vis por		
3637	Limestone: tan to gray, f,fxn, dense, no vis por		
3637	Shale: gray, red		
3637	Shale: black carbonaceous		
3637	Limestone: brown to tan, f,fxn, dense, oolitic in part, sl fossiliferous, no vis por		
3637	Shale: black carbonaceous		
3637	Limestone: gray, f,fxn, oolitic, fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: tan to brown, f,fxn, sl cherty, fossiliferous, no vis por		
3637	Shale: black, gray, green		
3637	Limestone: tan to brown, f,fxn, dense, sl cherty, sl fossiliferous, no vis por		
3637	Shale: gray, red, black carbonaceous		
3637	Limestone: tan to brown, f-mxn, v-fossiliferous, abd calcite replacement, no vis por		
3637	Limestone: brown to tan, f,fxn, cherty (orange), fossiliferous, calcite replacement, no vis por		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Shale: gray, red, green, laminated, chert, Limestone, Dolomite		
3637	Dolomite: tan, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to tan, f,fxn, cherty, granular, fr interxin por, ns		
3637	Limestone: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Limestone: tan to brown, f-mxn, chert, oolitic, fossiliferous, no vis por		
3637	Limestone: gray to tan, f,fxn, dense, no vis por		
3637	Shale: gray, black, olive		
3637	Limestone: tan to gray, f,fxn, dense, fossiliferous, no vis por		
3637	Limestone: tan to gray, f,fxn, dense, no vis por		
3637	Shale: gray, red		
3637	Shale: black carbonaceous		
3637	Limestone: brown to tan, f,fxn, dense, oolitic in part, sl fossiliferous, no vis por		
3637	Shale: black carbonaceous		
3637	Limestone: gray, f,fxn, oolitic, fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: tan to brown, f,fxn, sl cherty, fossiliferous, no vis por		
3637	Shale: black, gray, green		
3637	Limestone: tan to brown, f,fxn, dense, sl cherty, sl fossiliferous, no vis por		
3637	Shale: gray, red, black carbonaceous		
3637	Limestone: tan to brown, f-mxn, v-fossiliferous, abd calcite replacement, no vis por		
3637	Limestone: brown to tan, f,fxn, cherty (orange), fossiliferous, calcite replacement, no vis por		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Shale: gray, red, green, laminated, chert, Limestone, Dolomite		
3637	Dolomite: tan, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to tan, f,fxn, cherty, granular, fr interxin por, ns		
3637	Limestone: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Limestone: tan to brown, f-mxn, chert, oolitic, fossiliferous, no vis por		
3637	Limestone: gray to tan, f,fxn, dense, no vis por		
3637	Shale: gray, black, olive		
3637	Limestone: tan to gray, f,fxn, dense, fossiliferous, no vis por		
3637	Limestone: tan to gray, f,fxn, dense, no vis por		
3637	Shale: gray, red		
3637	Shale: black carbonaceous		
3637	Limestone: brown to tan, f,fxn, dense, oolitic in part, sl fossiliferous, no vis por		
3637	Shale: black carbonaceous		
3637	Limestone: gray, f,fxn, oolitic, fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: tan to brown, f,fxn, sl cherty, fossiliferous, no vis por		
3637	Shale: black, gray, green		
3637	Limestone: tan to brown, f,fxn, dense, sl cherty, sl fossiliferous, no vis por		
3637	Shale: gray, red, black carbonaceous		
3637	Limestone: tan to brown, f-mxn, v-fossiliferous, abd calcite replacement, no vis por		
3637	Limestone: brown to tan, f,fxn, cherty (orange), fossiliferous, calcite replacement, no vis por		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Shale: gray, red, green, laminated, chert, Limestone, Dolomite		
3637	Dolomite: tan, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to tan, f,fxn, cherty, granular, fr interxin por, ns		
3637	Limestone: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Limestone: tan to brown, f-mxn, chert, oolitic, fossiliferous, no vis por		
3637	Limestone: gray to tan, f,fxn, dense, no vis por		
3637	Shale: gray, black, olive		
3637	Limestone: tan to gray, f,fxn, dense, fossiliferous, no vis por		
3637	Limestone: tan to gray, f,fxn, dense, no vis por		
3637	Shale: gray, red		
3637	Shale: black carbonaceous		
3637	Limestone: brown to tan, f,fxn, dense, oolitic in part, sl fossiliferous, no vis por		
3637	Shale: black carbonaceous		
3637	Limestone: gray, f,fxn, oolitic, fossiliferous, no vis por		
3637	Shale: gray, red		
3637	Limestone: tan to brown, f,fxn, sl cherty, fossiliferous, no vis por		
3637	Shale: black, gray, green		
3637	Limestone: tan to brown, f,fxn, dense, sl cherty, sl fossiliferous, no vis por		
3637	Shale: gray, red, black carbonaceous		
3637	Limestone: tan to brown, f-mxn, v-fossiliferous, abd calcite replacement, no vis por		
3637	Limestone: brown to tan, f,fxn, cherty (orange), fossiliferous, calcite replacement, no vis por		
3637	Shale: gray, red, green, laminated, sl sandy in part		
3637	Shale: gray, red, green, laminated, chert, Limestone, Dolomite		
3637	Dolomite: tan, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		
3637	Dolomite: tan to tan, f,fxn, cherty, granular, fr interxin por, ns		
3637	Limestone: tan to white, f,fxn, chalky, sl cherty (white), granular, fr interxin por, ns		