KOLAR Document ID: 1694773

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 # 3581
Name: Red Oak Energy, Inc.
Address 1: 7701 E KELLOGG DR STE 710
Address 2:
City: WICHITA State: KS Zip: 67207 + 1738
Contact Person: Ryan Davis
Phone: (316) 652-7373
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Ryan Davis
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 #:

10/4/2022 Spud Date or Recompletion Date
10/11/2022 Date Reached TD
10/12/2022 Completion Date or Recompletion Date

API No.: 15-063-22418-00-00
Spot Description:
NE - NE - SW - NW Sec. 34 Twp. 11 S. R. 31 ☐ East ☑ West
1507 Feet from ☑ North / ☐ South Line of Section
1187 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Gove
Lease Name: DELZEIT Well #: 1-34
Field Name:
Producing Formation: NA
Elevation: Ground: 2966 Kelly Bushing: 2977
Total Vertical Depth: 4635 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 310 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: 4100 ppm Fluid volume: 813 bbls
Dewatering method used: Evaporated
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: 02/20/2023
☐ **Confidential Release Date:**
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** David Befort **Date:** 02/21/2023

Operator Name: Red Oak Energy, Inc. Lease Name: DELZEIT Well #: 1-34

Sec. 34 Twp. 11 S. R. 31 ☐ East ☑ West County: Gove

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 *(Attach Additional Sheets)*	☑ Yes	☐ No	☑ Log Formation (Top), Depth and Datum ☐ Sample
Samples Sent to Geological Survey	☑ Yes	☐ No	Name: Attached Top: Attached Datum: Attached
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☑ Yes	☐ No	

List All E. Logs Run:

POR
DIL

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	310	Common	200	3%cc/2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	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:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Red Oak Energy, Inc.
Well Name	DELZEIT 1-34
Doc ID	1694773

Tops

Name	Top	Datum
B/Anhy	2502	475
Topeka	3751	-774
Oread	3922	-945
Lansing	4016	-1039
Muncie Creek	4147	-1170
Stark	4234	-1257
B/KC	4294	-1317
Marmaton	4326	-1349
Pawnee	4425	-1448
Cherokee	4519	-1542
Miss	4590	-1613

Form	ACO1 - Well Completion
Operator	Red Oak Energy, Inc.
Well Name	DELZEIT 1-34
Doc ID	1694773

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	23	310	Common	200	3%cc/2%gel

HP OILFIELD SERVICES, LLC

785-953-0222

TICKET NUMBER 2593 K-C
LOCATION Hugoton Ks
FOREMAN Walt Dinkel

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-4-23		Delzeit #1-34	34	11S	31W	Grant

CUSTOMER: Red Oak Energy
MAILING ADDRESS:
CITY | STATE | ZIP CODE:

Compass 4-S 1/2 W

TRUCK #	DRIVER	TRUCK #	DRIVER
103	Cory D		
800-850	Jonas		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 310' CASING SIZE & WEIGHT 8 5/8 - 23#
CASING DEPTH 310' DRILL PIPE TUBING OTHER
SLURRY WEIGHT 15.2 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 15-20'
DISPLACEMENT 18 1/2 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety Meeting, Rig up Equipment on Murfin #32, Circ casing on bottom
Mix 200 sks Class A, 3% cc, 2% gel, Displace 18 1/2 BBL H20. Shut in
Cement Did Circ
Approx 2 BBL to Pit

Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,150.00	1,150.00
	10	MILEAGE	7.15	71.50
	9.4	Ton Mileage Delivery	1.25	460.00
	200 sks	Surface Blend II	24.00	4,800.00
	2	8 5/8 Centralizers	110.00	220.00
				6,901.50
				-1,380.30
				5,521.20
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION [signature] 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.

DRILL STEM TEST REPORT

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69147 **DST#: 1**

ATTN: Ryan Davis

Test Start: 2022.10.08 @ 05:56:54

GENERAL INFORMATION:

Formation: **Toronto- Lansing A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:36:24
Time Test Ended: 14:21:54

Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 79

Interval: 3980.00 ft (KB) To 4034.00 ft (KB) (TVD)
Total Depth: 4034.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

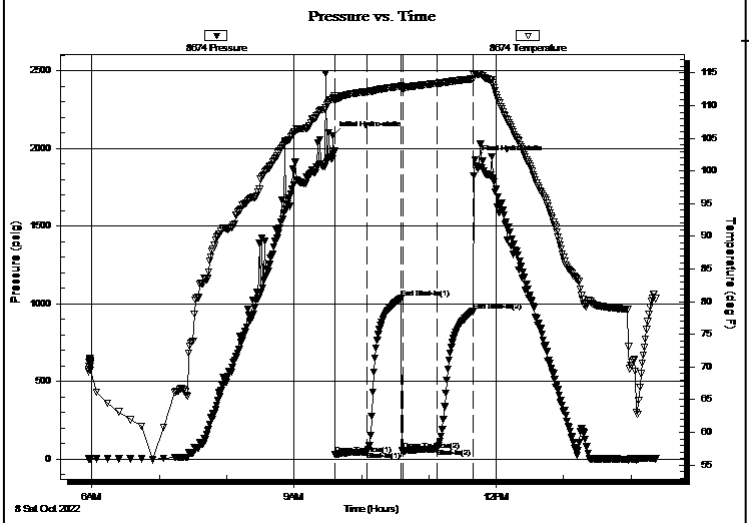
Reference Elevations: 3987.00 ft (KB)
3977.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8674 **Outside**

Press@RunDepth: 67.05 psig @ 3985.00 ft (KB)
Start Date: 2022.10.08 End Date: 2022.10.08
Start Time: 05:56:59 End Time: 14:21:53

Capacity: 8000.00 psig
Last Calib.: 2022.10.08
Time On Btm: 2022.10.08 @ 09:34:24
Time Off Btm: 2022.10.08 @ 11:40:54

TEST COMMENT: IF: 1/4 blow built to 2 3/4.
IS: No return.
FF: 1/4 blow built to 1 1/2.
FS: No return. 30-30-30-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2084.55	111.02	Initial Hydro-static
2	27.99	110.78	Open To Flow (1)
31	46.22	112.12	Shut-In(1)
61	1034.36	112.96	End Shut-In(1)
63	52.67	112.65	Open To Flow (2)
93	67.05	113.42	Shut-In(2)
125	950.35	114.08	End Shut-In(2)
127	1927.96	114.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	ocm 40%o 60%m	0.30
30.00	ocm	0.15

Gas Rates

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

DRILL STEM TEST REPORT

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69147 **DST#: 1**

ATTN: Ryan Davis

Test Start: 2022.10.08 @ 05:56:54

GENERAL INFORMATION:

Formation: **Toronto- Lansing A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:36:24
Time Test Ended: 14:21:54

Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 79

Interval: 3980.00 ft (KB) To 4034.00 ft (KB) (TVD)
Total Depth: 4034.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

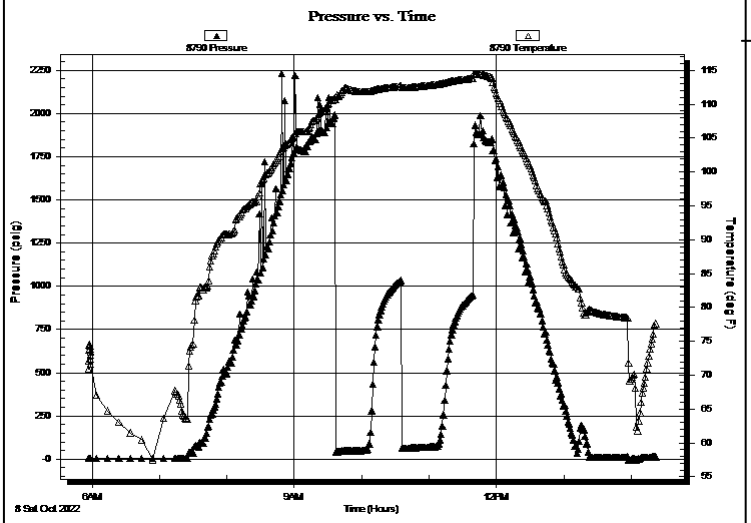
Reference Elevations: 3987.00 ft (KB)
3977.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: psig @ 3985.00 ft (KB)
Start Date: 2022.10.08 End Date: 2022.10.08
Start Time: 05:56:51 End Time: 14:21:45

Capacity: 8000.00 psig
Last Calib.: 2022.10.08
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 1/4 blow built to 2 3/4.
IS: No return.
FF: 1/4 blow built to 1 1/2.
FS: No return. 30-30-30-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	ocm 40%o 60%m	0.30
30.00	ocm	0.15

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69147 **DST#: 1**

ATTN: Ryan Davis

Test Start: 2022.10.08 @ 05:56:54

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	62.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	ocm 40%o 60%m	0.295
30.00	ocm	0.148

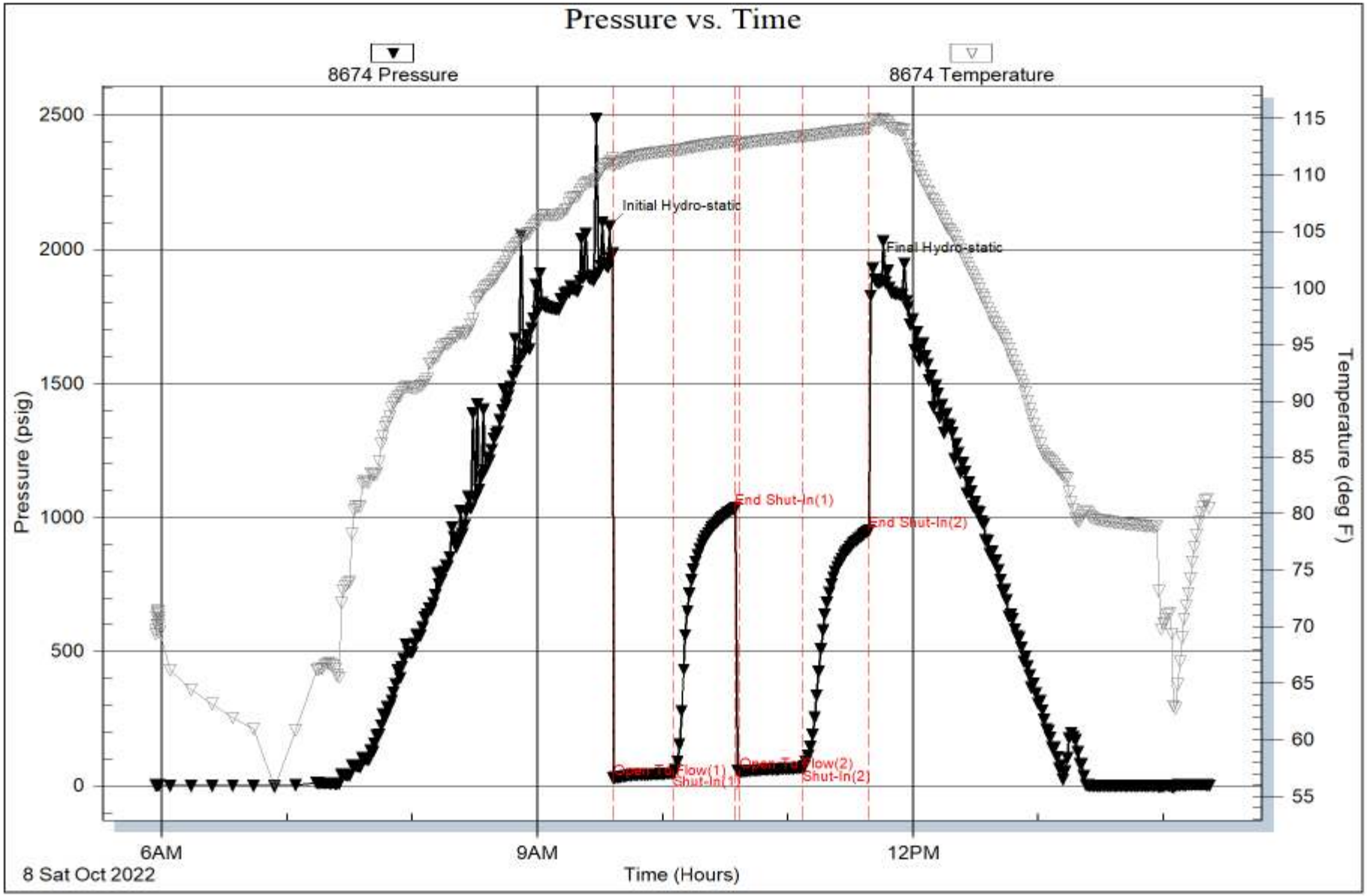
Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

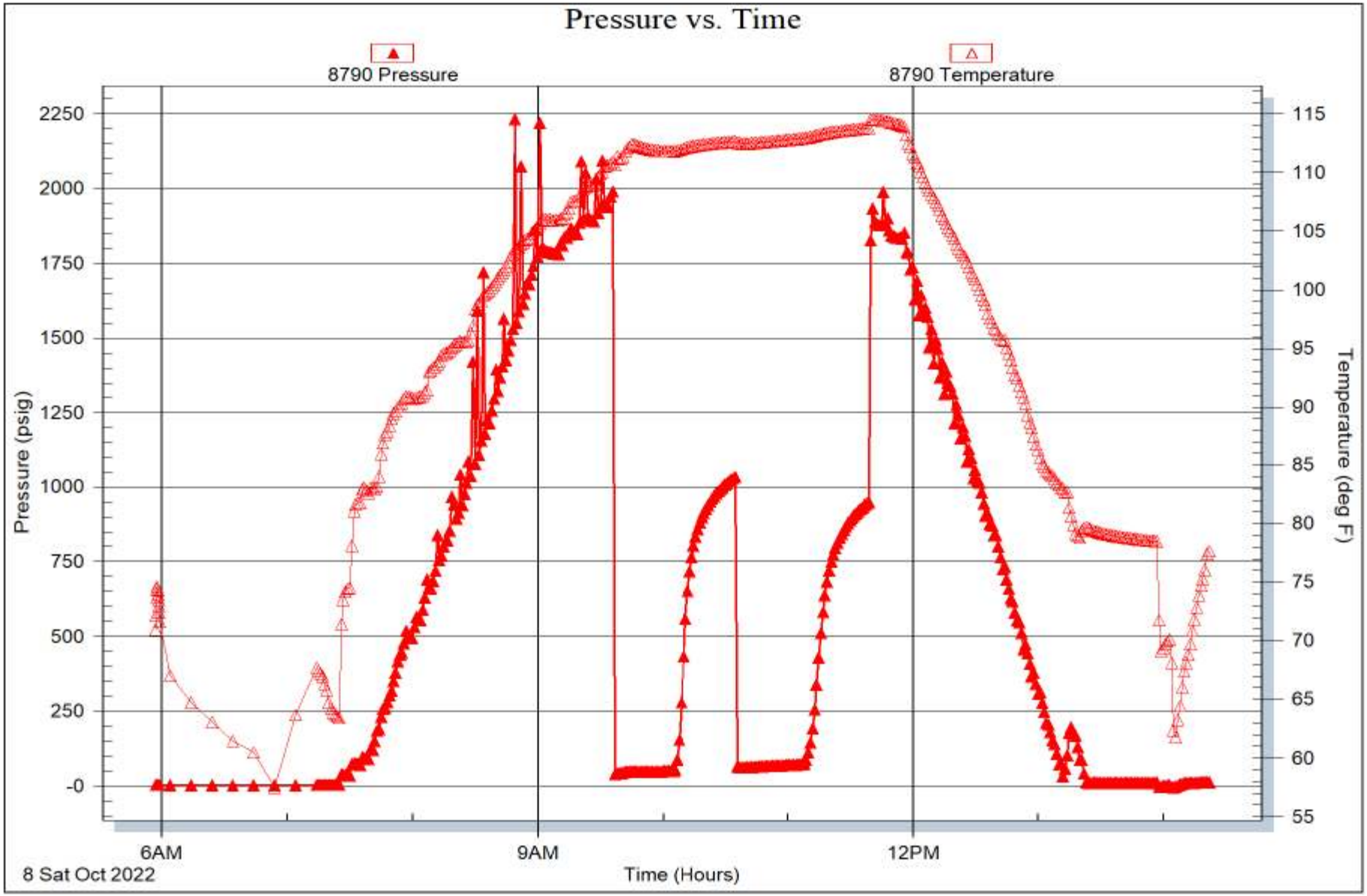
Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8674 **Outside** Red Oak Energy Inc Delzeit 1-34 DST Test Number: 1



Serial #: 8790 **Inside** Red Oak Energy Inc Delzeit 1-34 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 69147 Printed: 2022.10.08 @ 14:48:22

DRILL STEM TEST REPORT

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69148 **DST#: 2**

ATTN: Ryan Davis

Test Start: 2022.10.09 @ 00:34:02

GENERAL INFORMATION:

Formation: **B-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:00:02
Time Test Ended: 09:08:32

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79

Interval: 4031.00 ft (KB) To 4108.00 ft (KB) (TVD)
Total Depth: 4108.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

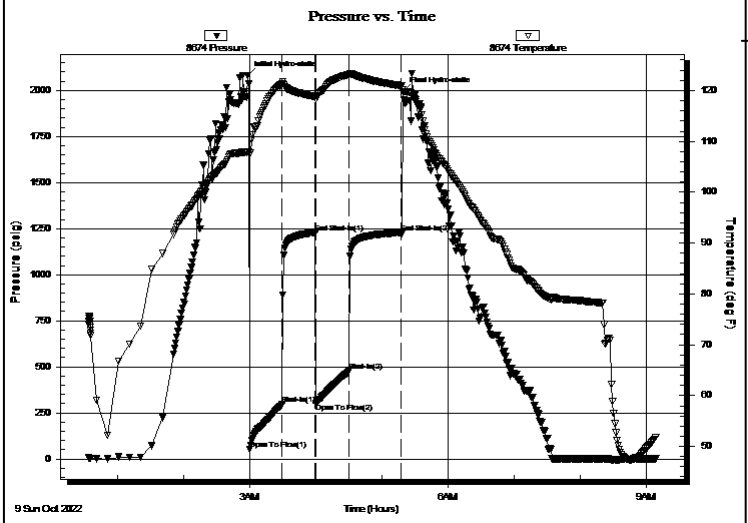
Reference Elevations: 3987.00 ft (KB)
3977.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8674 **Outside**

Press@RunDepth: 476.19 psig @ 4036.00 ft (KB)
Start Date: 2022.10.09 End Date: 2022.10.09
Start Time: 00:34:07 End Time: 09:08:32

Capacity: 8000.00 psig
Last Calib.: 2022.10.09
Time On Btm: 2022.10.09 @ 02:58:02
Time Off Btm: 2022.10.09 @ 05:19:02

TEST COMMENT: IF: BOB in 6 mins. 45"
IS: No return.
FF: BOB in 7 mins. 38"
FS: No return. 30-30-30-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2081.51	107.95	Initial Hydro-static
2	50.98	107.31	Open To Flow (1)
32	295.37	121.32	Shut-In(1)
62	1228.52	118.80	End Shut-In(1)
62	301.28	118.33	Open To Flow (2)
92	476.19	123.14	Shut-In(2)
140	1228.41	120.94	End Shut-In(2)
141	1995.36	120.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
630.00	mcw 80%w 20%m	7.19
378.00	mw 50%w 50%m	5.30
136.00	mud 100%m	1.91

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69148 **DST#: 2**

ATTN: Ryan Davis

Test Start: 2022.10.09 @ 00:34:02

GENERAL INFORMATION:

Formation: **B-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:00:02
Time Test Ended: 09:08:32

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79

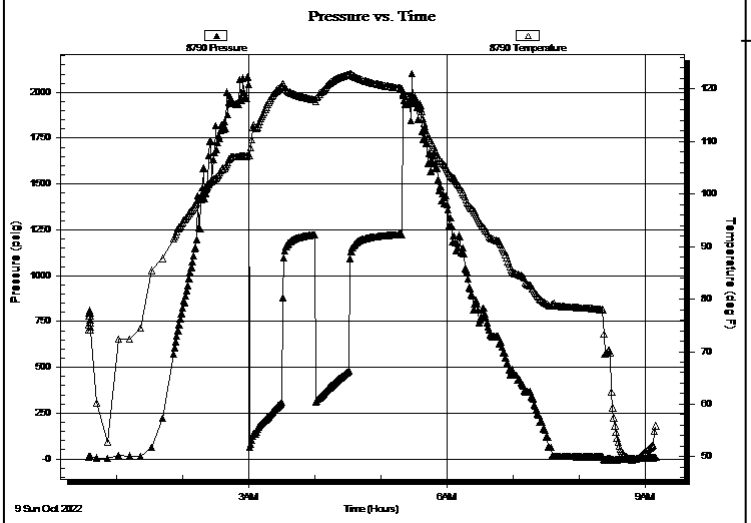
Interval: 4031.00 ft (KB) To 4108.00 ft (KB) (TVD)
Total Depth: 4108.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3987.00 ft (KB)
3977.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8790 **Inside**
Press@RunDepth: psig @ 4036.00 ft (KB)
Start Date: 2022.10.09 End Date: 2022.10.09
Start Time: 00:35:04 End Time: 09:09:29

Capacity: 8000.00 psig
Last Calib.: 2022.10.09
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB in 6 mins. 45"
IS: No return.
FF: BOB in 7 mins. 38"
FS: No return. 30-30-30-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
630.00	mcw 80%w 20%m	7.19
378.00	mw 50%w 50%m	5.30
136.00	mud 100%m	1.91

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69148 **DST#: 2**

ATTN: Ryan Davis

Test Start: 2022.10.09 @ 00:34:02

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	38000 ppm
Viscosity:	59.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2100.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
630.00	mcw 80%w 20%m	7.188
378.00	mw 50%w 50%m	5.302
136.00	mud 100%m	1.908

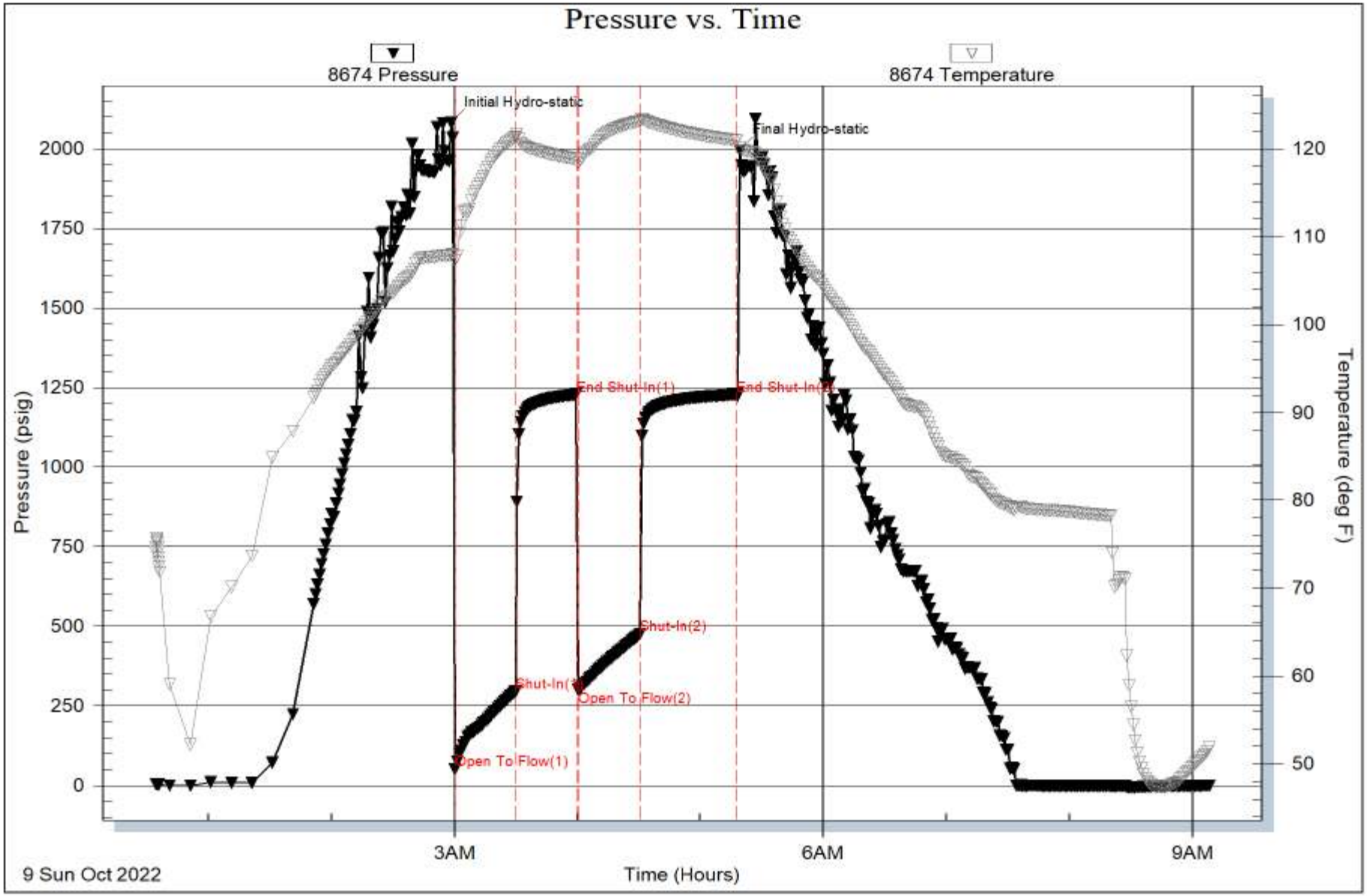
Total Length: 1144.00 ft Total Volume: 14.398 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

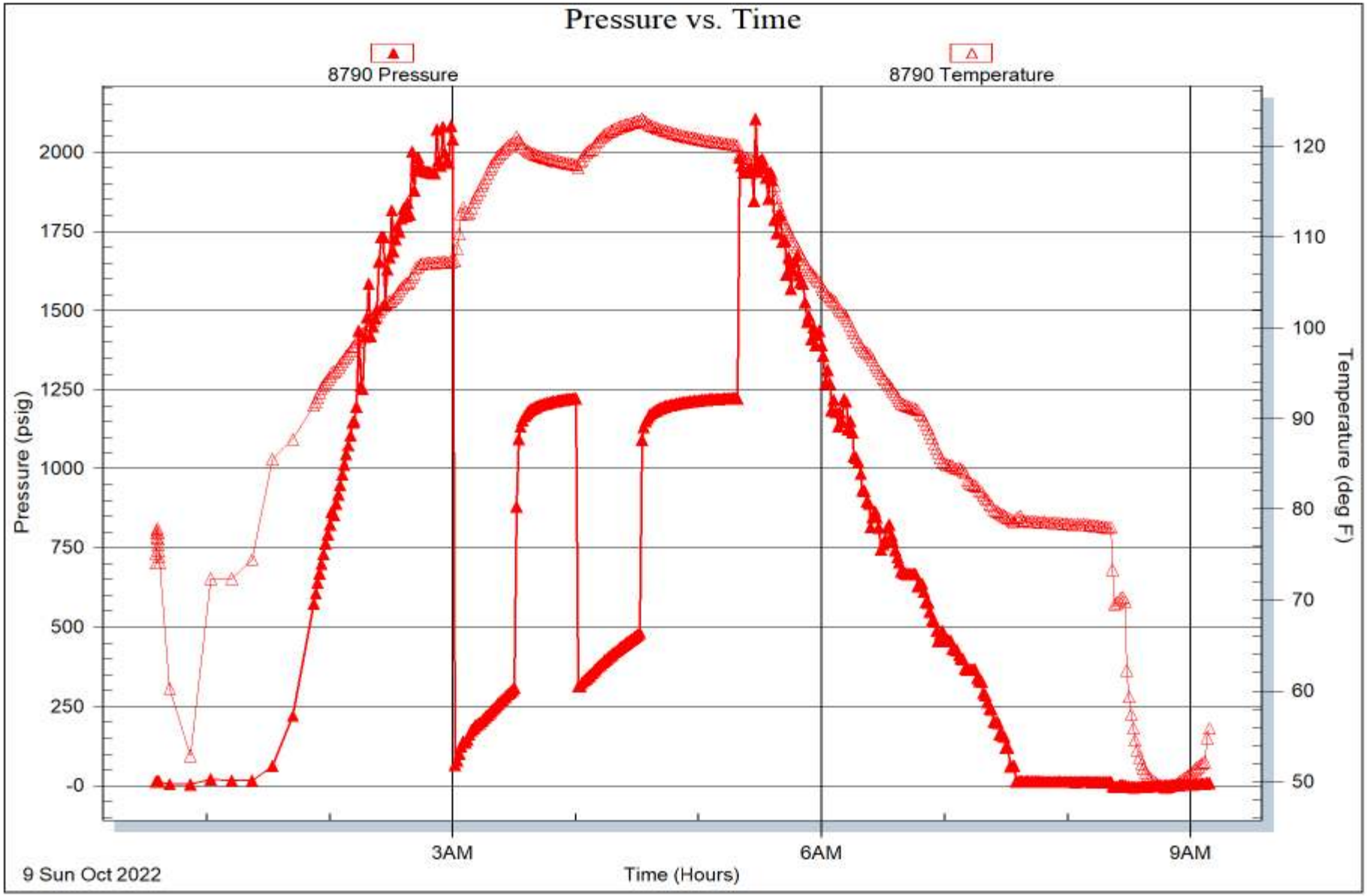
Recovery Comments: .36@37=38000

Serial #: 8674 **Outside** Red Oak Energy Inc Delzeit 1-34 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 69148 Printed: 2022.10.09 @ 11:26:57

Serial #: 8790 **Inside** Red Oak Energy Inc Delzeit 1-34 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 69148 Printed: 2022.10.09 @ 11:26:57

DRILL STEM TEST REPORT

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69149 **DST#: 3**

ATTN: Ryan Davis

Test Start: 2022.10.09 @ 22:30:02

GENERAL INFORMATION:

Formation: **H-J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:03:02
Time Test Ended: 07:35:02

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79

Interval: 4141.00 ft (KB) To 4231.00 ft (KB) (TVD)
Total Depth: 4231.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

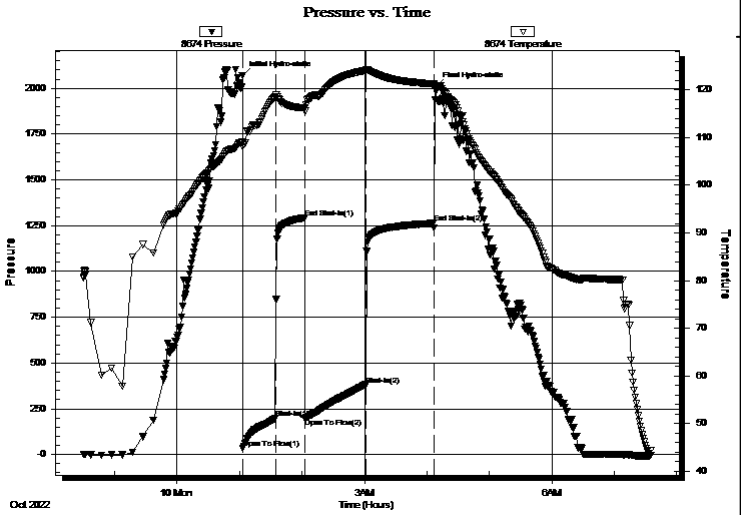
Reference Elevations: 3987.00 ft (KB)
3977.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8674 **Outside**

Press@RunDepth: 381.18 psig @ 4146.00 ft (KB)
Start Date: 2022.10.09 End Date: 2022.10.10
Start Time: 22:30:07 End Time: 07:35:02

Capacity: 8000.00 psig
Last Calib.: 2022.10.10
Time On Btm: 2022.10.10 @ 01:02:32
Time Off Btm: 2022.10.10 @ 04:08:32

TEST COMMENT: IF: BOB in 12 mins. 22"
IS: No return.
FF: BOB in 15 mins. 35"
FS: No return. 30-30-60-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2069.79	109.01	Initial Hydro-static
1	34.74	108.12	Open To Flow (1)
32	197.59	118.56	Shut-In(1)
60	1292.38	116.20	End Shut-In(1)
61	198.90	115.52	Open To Flow (2)
119	381.18	124.04	Shut-In(2)
184	1262.82	121.21	End Shut-In(2)
186	2007.35	120.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
676.00	mcw 90%w 10%m	7.83
252.00	mcw 60%w 40%m	3.53
141.00	mud oil spots 100%m	1.98

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69149 **DST#: 3**

ATTN: Ryan Davis

Test Start: 2022.10.09 @ 22:30:02

GENERAL INFORMATION:

Formation: **H-J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:03:02
Time Test Ended: 07:35:02

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79

Interval: 4141.00 ft (KB) To 4231.00 ft (KB) (TVD)
Total Depth: 4231.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

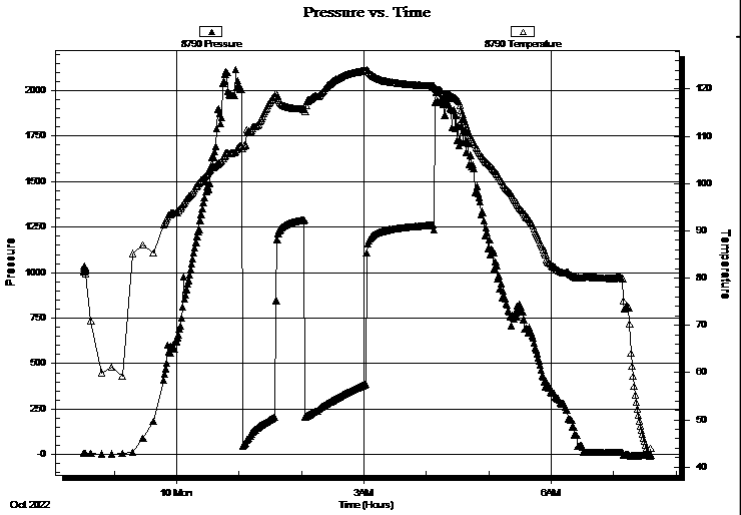
Reference Elevations: 3987.00 ft (KB)
3977.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: psig @ 4146.00 ft (KB)
Start Date: 2022.10.09 End Date: 2022.10.10
Start Time: 22:30:41 End Time: 07:35:36

Capacity: 8000.00 psig
Last Calib.: 2022.10.10
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB in 12 mins. 22"
IS: No return.
FF: BOB in 15 mins. 35"
FS: No return. 30-30-60-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
676.00	mcw 90%w 10%m	7.83
252.00	mcw 60%w 40%m	3.53
141.00	mud oil spots 100%m	1.98

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

34-11s-31w Gove Ks

Delzeit 1-34

Job Ticket: 69149 **DST#: 3**

ATTN: Ryan Davis

Test Start: 2022.10.09 @ 22:30:02

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	27000 ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
676.00	mcw 90%w 10%m	7.834
252.00	mcw 60%w 40%m	3.535
141.00	mud oil spots 100%m	1.978

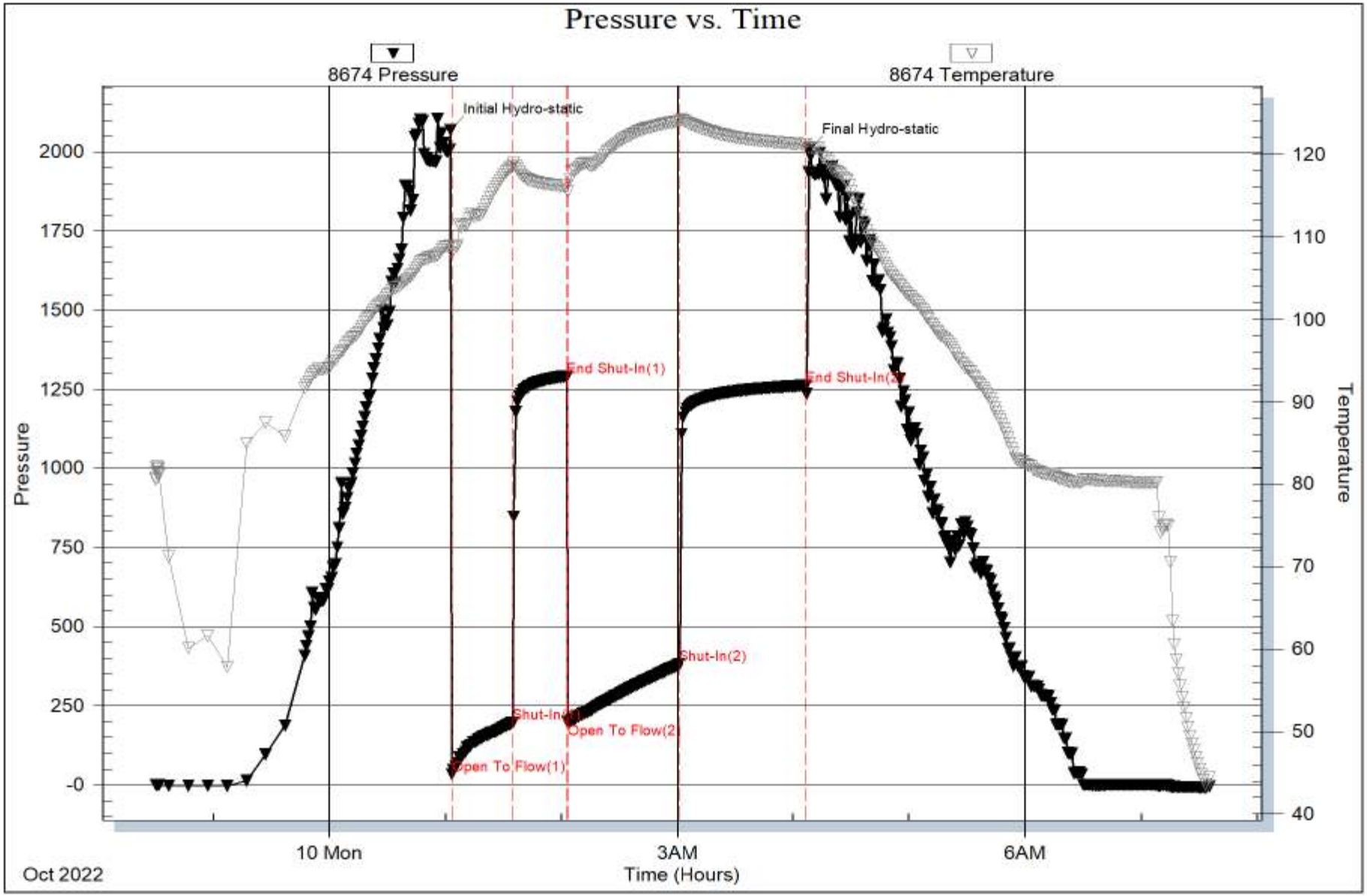
Total Length: 1069.00 ft Total Volume: 13.347 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

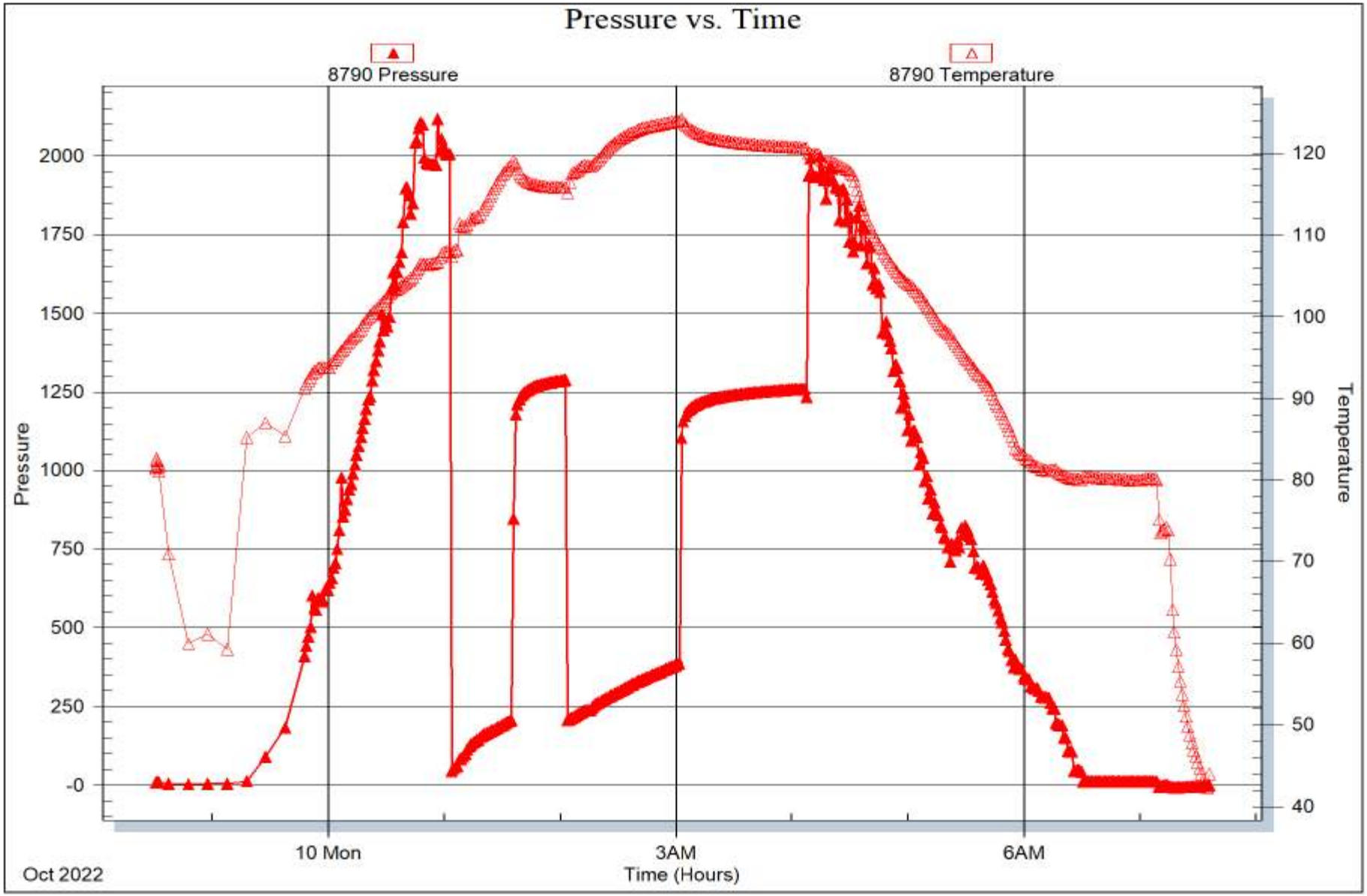
Recovery Comments: .46@39=27000

Serial #: 8674 **Outside** Red Oak Energy Inc Delzeit 1-34 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 69149 Printed: 2022.10.10 @ 07:45:24

Serial #: 8790 **Inside** Red Oak Energy Inc Delzeit 1-34 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 69149 Printed: 2022.10.10 @ 07:45:24

MUD LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	Delzeit #1-34
API:	15-063-22418
Location:	1507' FNL & 1187' FWL NE NE SW NW SEC 34-T11S-R31W Gove Co., KS
License Number:	3581
Region:	NW KS
Spud Date:	10/4/2022
Drilling Completed:	10/11/2022
Surface Coordinates:	NAD83 Long: -100.75401 NAD83 Lat: 39.057699
Bottom Hole Coordinates:	
Ground Elevation (ft):	2966
K.B. Elevation (ft):	2977
Logged Interval (ft):	3700 To: 4635
Total Depth (ft):	4635
Formation:	Mississippian
Type of Drilling Fluid:	Chemical Mud

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Red Oak Energy, Inc.
Address: 7701 E. Kellogg Dr. Ste. 710
Wichita, KS 67207

GEOLOGIST

Name: Ryan Davis
Company: Red Oak Energy, Inc.
Address: 7701 E. Kellogg Dr. Ste. 710
Wichita, KS 67207

Comments

In consideration of all the well data, including E-Logs, Drill Stem Tests, sample drill cuttings and low structural position, the decision made is to Plug & Abandon the well.

Respectfully submitted,
-Ryan Davis

ROCK TYPES

Anhy, Bent, Brec, Cht, Clyst, Coal, Congl, Dol, Gyp, Igne, Lmst, Meta, Mrlst, Salt, Shale, Shcol, Shgy, Sltst, Ss, Till

ACCESSORIES

MINERAL: Anhy, Arggrn, Arg, Bent, Bit, Brecfrag, Calc, Carb, Chtdk, Chtlt, Dol, Feldspar, Ferrpel, Ferr, Glau, Gyp, Hvymin, Kaol, Marl, Minxl, Nodule, Phos, Pyr, Salt, Sandy, Silt, Sil, Sulphur, Tuff

FOSSIL: Algae, Amph, Belm, Bioclst, Brach, Bryozoa, Cephal, Coral, Crin, Echin, Fish, Foram, Fossil, Gastro, Oolite, Ostra, Pelec, Pellet, Pisolite, Plant, Strom

STRINGER: Anhy, Arg, Bent, Coal, Dol, Gyp, Ls, Mrst, Sltstrg, Ssstrg

TEXTURE: Boundst, Chalky, Cryxln, Earthy, Finexln, Grainst, Lithogr, Microxln, Mudst, Packst, Wackest

OTHER SYMBOLS

POROSITY
- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

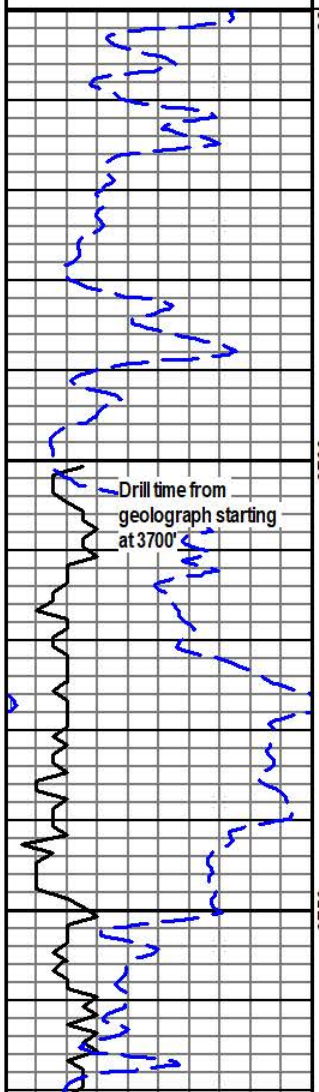
SORTING
- Well
- Moderate
- Poor

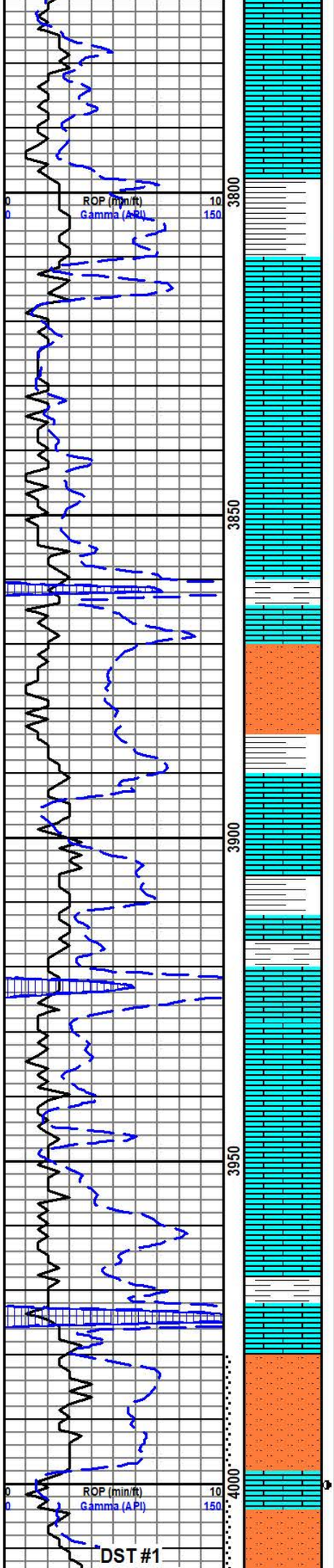
ROUNDING
- Rounded
- Subrnd
- Subang
- Angular

OIL SHOW
- Even
- Spotted
- Ques
- Dead

INTERVAL
- Core
- Dst

EVENT
- Rft
- Sidewall

Curve Track 1 ROP (min/ft) Gamma (API)	MD	Lithology	Oil Shows	Lag	Geological Descriptions	Comments
	36 3700 3750				**Geo on location @ 4 pm 10/7/2022** LS; buf, lt tn, crm, micro-vf xln, biospar-oospar, pr-fr intxln por, chky LS; tn, buff, drk gy, brn, vf-f xln, biospar, v foss, ool ip, fr-gd por SLTST; gry-lt brn, aren-calc, LS; tn-buff-lt brn, hd-brit, vf-f xln, mstly dns, biospar-biomicr, v scat mold por SH; gry, sft, blk, carb, spln LS; lt tn, crm, buff, hd, micro-med xln, spar-gran tex, pr-fr intxln & intgran por, sme scat mold por ip LS; tn, gry, buff, brn, hd, crpxln-vfxln, micrite-biospar, mealy tex ip, mstly dns, p intxln por, SS; qrtz, clr-lt gry, vf-f gran clus, smwt fri, subang-sub rnd, fr srtd, pr intgran por, scat mica incl LS; tn-buff, drk gry, hd, vf-f xln, biomicrite, wkst-pkst, sub suc ip, vpor intxln & intgran por,	TOPEKA 3748 (-771)



occ pyr

LS; crm, lt gry, hd, micro-vfxln, biomicrite, v pr intxln por

LS; lt tn-buff, hd-smwt brit, vf-f xln, rgh gran-mealy tex, ool ip, pr-fr intxln por, sli chky

3810 LS; tn, gry, micro-fxln, biomicrite, wkst-grnst, pr intgran por, pr-fr intxln por, occ pyr incl

3820 SH; gry, vsft, sli slty ip, LS; lt tn-crm, vfxln, dns, no vis por, chky

LS; lt rn-crm, f-vf xln, pkst-grnst, ool ip, mstly ti, pr-fr oomol por ip, chky

LS; lt tn-crm, micro-vf xln, pkst-wkst, biomicrite, v p intxln por, abd chk

LS; lt tn-crm, micro-med xln, biomicrite-biosparite, v p intxln por, abd chk

LS; lt-drk tn, vf-med xln, biosparite, sli foss, subsuc-sub rhmb xln, p intxln por

LS; lt tn, gry, crm, micro-med xln, biosparite-biosparite, occgran-mealy tex, pr-fr intxln por, sli chky

LS; lt tn, gry, crm, hd, med-vf xln, biosparite, v pr intxln por, sli chky, SLTST, gry clus, grty, SH, blk, carb

SH, gry, rd-brn, sft, SLTST, lt gry-lttn dst, grty, LS; lt tn, gry, crm, hd, med-vf xln, biosparite, v pr intxln por

LS, lt tn-lt gry, f-vf xln, biosparite, sli foss, mstly dns, v pr intxln por, chky

SH; rd, grn, sft, SLTST, gry clus, sft-fri

LS; lt tn-lt gry, hd, microxln-fxln, biomicrite, smegran, sli scat mold por, v p intxln por, occ v scat stn, no odr, chky

OREAD 3920 (-943)

3940 LS; lt tn, crm, micro-vf xln, biomicrite-gran, sme occ mold por, v p intxln por, sli chky

3950 LS; lt tn, vf-microxln, gran, occ scat mold por, pr-fr oomold por, v sli scat dd stn, no odr

3960 LS; tn-crm, vf-microxln, ool, wkst-grnst, mstly dns, v pr intgran por

3970 LS; tn, buff, gry, micro-fxln, biomicrite, gran ip, sli ool, ti, v scat oomol por, chky

3980 LS; tn, gry, crm, micro-vfxln, biomicrite, sli mealy tex, ool ip, ti, v p intxln por, chky

HEEBNER 3972 (-995)

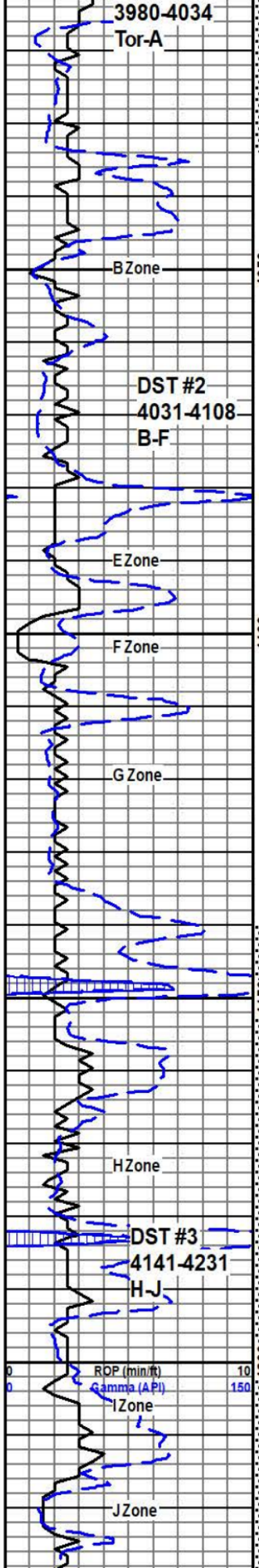
3990 LS; drk-lt gry, tn, hd, microxln, biomicrite, no vis por, SH, blk, carb

4000 SLTST, gry, calc, SH, blk, carb, rd, fiss, LS; AA

4010 LS; tn, crm, gry, micro-vfxln, biomicrite, occgran, ool ip, scat pr-fr intool por, sli stn, sli odr, SSFO, scat fr fluor

TORONTO 3998 (-1021)

4020 LS; crm-lt tn, hd, micro-vf xln, biomicrite. v pr intxln por, SLTST, gry



4030	LS, crm, hd, microxln, micrite, ool ip, ti, no vis por
30m	LS; crm, mstly hd, microxln-vfxln, ool ip, ti, sli subsuc ip, v pr intxln por
60m	LS; crm, hd, micro-crpxln, dns, no vis por
4050	SH; blk, gry, rd, SLTST, gry, mica incl
4060	LS; crm, hd, micro-vf xln, micrite, ool ip, mstly ti, scat vggy por, pr-fr intxln por, fr odr, scat stn, gd fluor, SFO
4070	LS; crm, hd-brit, microxln, micrite, dns, no vis por, chky
4080	LS; crm-wht, hd-brit, microxln, biomicrite, no vis por, chky ip
4090	LS, crm-buff, hd-brit, microxln, biomicrite, occ vf gr ool, ti, no vis por, chky ip
4100	LS; crm-buff, mstly hd, vf-f xln, biomicrite, ooc scat vggy por, pr intxln por, gd odr, gd stn ip, scat flor, SSFO
4110	LS; wht-crm, hd, micro-crypxln, mstly dns, no vis por, sli chky
30m	LS, wht-crm, mstly brit, vf xln-f xln, fr-pr intxln por, scat vggy por, chky, no stn, sli odr, sli flor, NS
60m	LS; wht-crm, mstly brit, vf-microxln, v pr intxln por, chky
4120	SH; gry, blk, rd, brn, grn, SLTST, gry, sft-grtty, LS; buff, vf xln, subsuc, v por intxln por
4130	LS; wht, crm, lt tn, hd, microxln, biomicrite, occ ool, dns, ti, no vis por, sli chky
4140	LS; AA, sli chty
4150	LS; wht, crm, lt gry, hd, micro-crpxln, micrite, chty, shp, no vis por, sli chky
4160	SH; blk, carb, gry, fiss, brn-rd, LS; lt tn, gry, hd, micro-vf xln, micrite-biomicrite, subsuc ip, occ rgh gran pcs, no vis por
4170	LS; drk-lt tn, hd-smwt fri, micro-vf xln, biomicrite-biosparite, dns, sli dolic ip, sme pcs w slty tex, no stn, sour odr, wk flor
4180	LS, drk-lt tn, mstly hd, micro-f xln, mstly biomicrite-sparite, ooc ool, scat vggy por, pr-fr intxln por, sat brn stn, scat flor, fr odr, VSSFO
4190	LS; crm-buff, hd, crp-microxln, micrite, chty ip, dns, no vis por
4200	LS; drk-lt tn, mstly hd, microxln-vf xln, biosparite, occ subsuc, v p intxln por
4210	LS; crm, hd, microxln, dns, occ ool-pkstn, ti, scat brn stn, scat flor, fr odr, SSFO upn crsh.
4220	No sample
4130	LS; dolic, crm-tn, vf-f xln, rexlzd foss, pkst-grst, subrhb-rhb, fr-gd intxln por, scat vggy & pp por, mstly evn sat brn stn, gd evn flor, gd odr, slow stringy cut, FSFO
30m	

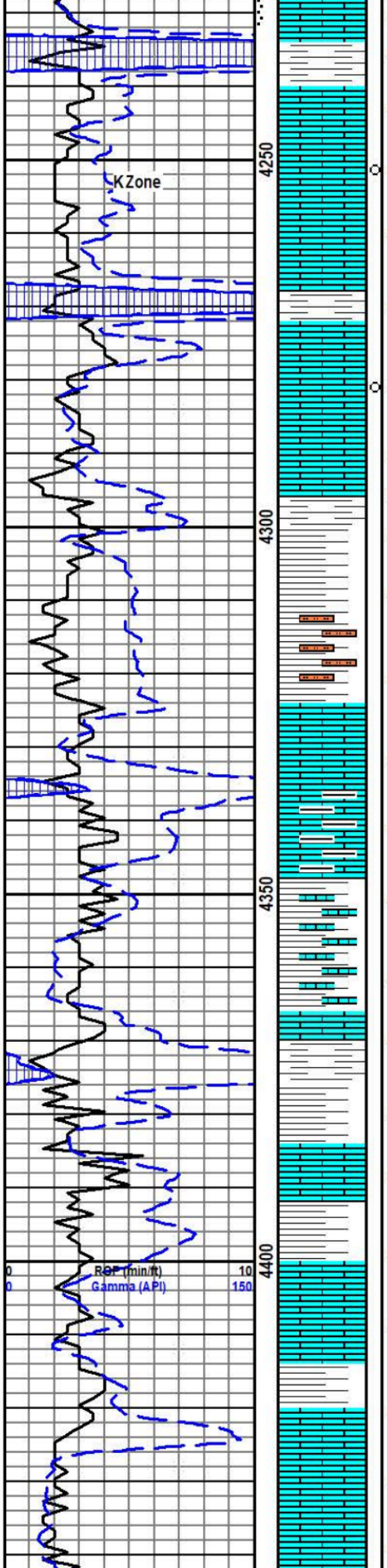
LANSING 4017 (-1040)

DST #1
3980-4034
Toronto-Lansing A
30-30-30-45
IF: 0.25" built to 2 3/4"
ISI: No BB
FF: 0.25" built to 1 1/2"
FSI: No BB
REC: 30' OCM (40%o60%m)
60' OCM (5%o95%%m)
FPs: 27-46#, 52-67#
SIPs: 1034-950#
BHT: 114
CHL: none

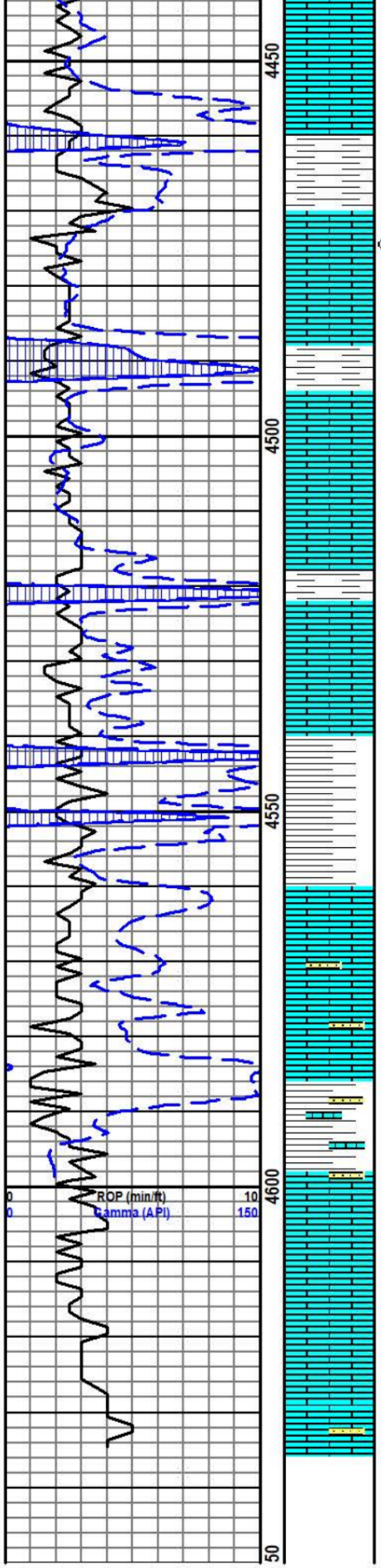
DST #2
4031-4108
Lansing B-F
30-30-30-45
IF: BOB in 6 min built to 45"
ISI: No BB
FF: BOB in 7 min built to 38"
FSI: No BB
REC: 136' M
378' MW (50%w50%m)
630' MCW (80%w20%m)
FPs: 50-295#, 301-476#
SIPs: 1228-1228#
BHT: 120
Chl: 38,000

MUNCIE CREEK 4149 (-1173)

DST #3
4141-4231
Lansing KC H-J
30-30-60-60
IF: BOB in 12 min built to 22"
ISI: No BB
FF: BOB in 15 min built to 35"
FSI: No BB
REC: 141' M w/ Oil spots
252' MCW (60%w40%m)
676' MCW (90%w,10%m)
FPs: 34-197#, 198-381#
SIPs: 1292-1262#
BHT: 121
CHL: 27,000



60m	LS; wht-crm, hd, micro-vf xln, micrite, dns, no vis por	
4240	SH; blk, carb, gry, rd, drk rd, grn, SLTST; qrtz, hd, ti dst, LS; buff, hd, micro-vfxln, biosparite, no vis por	STARK 4235 (-1258)
4250	LS; brn, tn, hd, micro-vf xln, biomicrite-biosparite, foss, sli dolic ip, micro-vfxln, v p intxln por, abd SH; AA	
4260	LS; crm, tn, hd, micro-vf xln, micrite, rare scat vggy por w vf dolic xln, chky, fr-gd stn, gd flor, fr odr, VFSFO	
4270	LS; crm, tn, lt gry, hd-sft, micro-vf xln, biomicrite-biosparite, chky, suc ip, v p intxln por, sli odr	
4280	SH; blk, carb, gry, rd, LS; AA	HUSHPUCKNEY 4268 (-1291)
4290	LS; tn, lt gry, hd, micro-vfxln, intramicrite, no vis por, ooc ool, f-med gr, pr-fr intra gr & interxln (dolic) por, fr stn, sli odr, gd flor, fr cut undr blk light, VSSFO	
4299	LS, wht-crm, hd, microxln, micrite-oomicrite, dns, no vis por	B/KANSAS CITY 4294 (-1317)
30m	LS; AA, incr chlk	
4310	SH; blk-gry, LS; crm, tn, hd, microxln, bio-oosparite, vpr intxln por, chky	
4320	SH; gry, calc, grn, blk, abd LS; AA, chky	
4330	SH; rd-brn, sft, blk, grn, scat silty rd clst.	MARMATON 4327 (-1350)
4340	LS; tn, crm, wht, hd, micro-vf xln, micrite-sparite, sli dolic ip, v pr intxln por, sli chky	
4350	LS, tn, buff, lt brn, hd, micro-vf xln, sparry-suc, occ ool, mstly ti, v pr intxln por ip, no stn, SH, blk, rd, sme slty	
4360	SH; rd, brn, sft, blk, LS; crm, lt gry, grn, maroon, hd, dismicrite, dns, occ scat ylw stn, no vis por	
4370	SH; maroon, mottled, calc, foss, scat ylw stn, LS; crm, lt tn, lt gry, hd, microxln, foss, ool, no vis por	
4380	LS; crm, tn, maroon, gry, hd, microxln, sparry ip, foss, ool, vp intxln por, abd chk	
4390	SH; gry, fiss, LS; AA,	
4400	LS; tn, crm, hd, micro-f xln, micrite-biosparite, rgh tex ip, no vis por, chky	
4410	SH; blk, carb, spln, gry, rd, grn, occ calc incl ip	
4420	LS; crm, tn, lt gry, hd, microxln, no vis por, SH; gry, blk, SLTST; qrtz, grn matrix, hd, ti	
4430	SH; blk, carb, spln, gry, fiss-hd, calc, rd-brn, grn, LS; AA	PAWNEE 4420 (-1443)
4440	LS; gry, tn, microxln, mstly micrite, no vis por	
4450	LS, crm, wht, lt tn, hd, crp-microxln, dns, no vis por, sli chky	



4460	LS,A A	
4470	SH; blk, carb, gry, rd-brn, grn, LS; crm, tn, micro-vfxln, biosparite, no vis por	
4480	SH; blk, carb, LS; tn, brn, gry, hd, micro-vfxln, ool ip, ti, dns, no vis por	
4487	LS; crm, tn, brn, hd, microxln, dismicrite, dns, 5 pcs w few scat vugs, vf-med xln, fr-gd intxln por, fr brn stn, gd flor, no odr, NSFO, SSFO upn crush	MYRICK STATION 4474 (-1497)
20m	LS; crm, wht, lt tn, hd, crp-microxln, dns, no vis por	
40m	LS; tn, buff, micro-vf xln, biomicrite, rgh gran tex, dns, no vis por	
4500	SH; blk, gry, rd, grn, LS; buff, tn, lt brn, brit-hd, vf-microxln, spary, sli chky ip, v pr intxln por	FT SCOTT 4492 (-1515)
4510	LS; tn, lt brn, brit-hd, micro-vfxln, sli chky, no vis por, abd SH; blk, carb, gry,	
4520	LS; lt tn-drk tn, brit-hd, micro-vfxln, biosparite, v pr intxln por	
4530	LS; lt-drk tn, hd, microxln, dns, no vis por, SH; blk, rd, grn, slty ip	CHEROKEE 4520 (-1543)
4540	LS; AA, sparite% incr, SH; blk, gry, lt gry, muddy	
4550	LS; lt-drk tn, mstly hd, micro-vf xln, micrite-sparite, sme scat foss, dns, no vis por	
4560	LS; AA, chk incr, SH; blk, gry, rd, grn	
4570	LS; lt-drk tn, lt-drk gry, hd, micro-vf xln, micrite-biosparite, occ rgh gran tex, no vis por, SH; AA	
4580	LS,A A, occ ool, dns, ti, SH; blk, grn, 1 pc of SS; qrtz, vf-md gr clst, fri, subang-sbrnd, pr-fr srtd, pr-fr intgr por, blk spk incl, no stn, no flor, no odr	
4590	LS; AA, SH; blk, grn, 1 pc of SS; qrtz, vf-fgr clst, ti, sbrnd, pr-fr srtd, pr intgr por, blk spk incl, no stn, no flor, no odr	
4600	LS; tns, mstly hd, micr-vf xln, biomicrite-biosparite, occ ool, ti, 2 pcs of SS; qrtz, clr-grn, vf-med gr clst, ti, sbrnd-subang, pr-fr srtd, ti, wl calc cmtd, pr intgr por, blk spk incl, no stn, no flor, no odr	MISSISSIPPIAN 4594 (-1617)
4610	LS,A A, 1 pc of SS; AA, SH; blk w grn strks, grn, spln, ylw, rd	
4620	LS; crm, buff, pnksh, ylw, mstly brit, vf-fxln, mealy tex, occ ool, fr intgr por, no stn, no flor, chky, no odr	
4630	LS; tn, buff, gry, hd, micro-vf xln, ool, pkst-grnst, v p intgr por, suc ip, pr-fr intxln por, SH; blk, ylw	
4635	LS; dolic, buff, lt tn, mstly brit, vf-f xln, suc, p intxln por, chky, CHT; opq wht-trnsl, shrp	
40m	LS; tn, buff, brn, brit-hd, f-microxln, biosparite-micrite, gran tex ip, sme suc, p intxln por, SH; blk, grn, SS; glauc, vf gr, ti clust	RTD 4635 @ 10 am 10/11/2022

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

February 20, 2023

Ryan Davis
Red Oak Energy, Inc.
7701 E KELLOGG DR STE 710
WICHITA, KS 67207-1738

Re: ACO-1
API 15-063-22418-00-00
DELZEIT 1-34
NW/4 Sec.34-11S-31W
Gove County, Kansas

Dear Ryan Davis:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/4/2022 and the ACO-1 was received on February 20, 2023 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

HP OILFIELD SERVICES, LLC

785-953-0222

TICKET NUMBER 2598 K-C
LOCATION Hugoton, ks
FOREMAN Walt Dunkel

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-12-22		Delzeit #1-34	34	11S	31W	Grant

CUSTOMER: Red Oak Energy
MAILING ADDRESS:
CITY | STATE | ZIP CODE:

Campsite 4 South 1/4 West into

TRUCK #	DRIVER	TRUCK #	DRIVER
103	Jon Ford		
500-550	James		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4533' CASING SIZE & WEIGHT
CASING DEPTH DRILL PIPE 4½ XH 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 Murfin #22, Plug as ordered

50 sks @ 2500'
100 sks @ 1525'
50 sks @ 375'
10 sks @ 40' w/ Wiper Plug
15 sks in RH
30 sks in MH

253 sks 60/40 poz, 4% Gel, 1/4# Flo Seal

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
	10	MILEAGE	7.15	71.50
	10.97	Ton Mileage Delivery (Min)	1.75	660.00
	255 sks	Light Weight Blend V	16.00	4,080.00
	64 #	Flo Seal	3.00	192.00
	1	8 5/8 Wooden Plug	165.00	165.00
				6,668.50
		Less 20% Disc.		-1,333.70
				5,334.80
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Kevin Siegel 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.