

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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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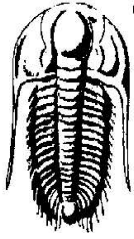
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Arcadian Resources, LLC
Well Name	FISHER UNIT 35-1
Doc ID	1711292

All Electric Logs Run

Compensated Density/Neutron Log
Dual Induction Log
Micro Log
Sonic Log
Bond Log



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Arcadian Resources LLC

35/5s/37w Cheyenne KS

313 E Kansas St
Glen Elder, KS 67446

Fisher Unit #35-1

Job Ticket: 68838

DST#: 1

ATTN: Sean Deenihan

Test Start: 2022.12.14 @ 02:03:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:00:21

Time Test Ended: 12:01:20

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 73

Interval: 4344.00 ft (KB) To 4410.00 ft (KB) (TVD)

Reference Elevations: 3314.00 ft (KB)

Total Depth: 4410.00 ft (KB) (TVD)

3309.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 265.06 psig @ 4345.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.12.14

End Date:

2022.12.14

Last Calib.:

2022.12.14

Start Time:

02:03:00

End Time:

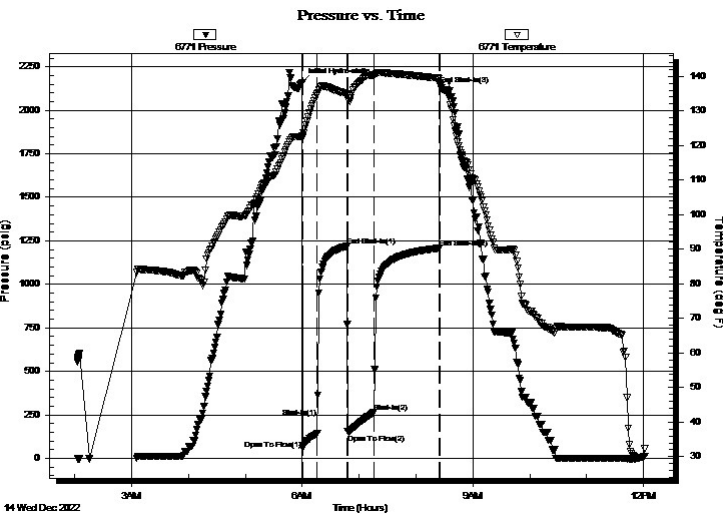
12:01:20

Time On Btm:

2022.12.14 @ 06:00:06

Time Off Btm:

TEST COMMENT: 15 - IF: Blow built to BOB (11") at 5 min., (Diesel in bucket) built to 23" in H2O
30 - IS: Blow back built to 4 1/4"
30 - FF: Blow built to BOB at 5 1/2 min.
60 - FS: Blow back built to 9 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2158.11	122.87	Initial Hydro-static
1	59.49	122.41	Open To Flow (1)
16	144.57	134.92	Shut-In(1)
48	1218.21	134.95	End Shut-In(1)
48	155.33	134.40	Open To Flow (2)
76	265.06	140.36	Shut-In(2)
144	1207.27	139.42	End Shut-In(2)
145	2150.16	137.53	End Shut-In(3)

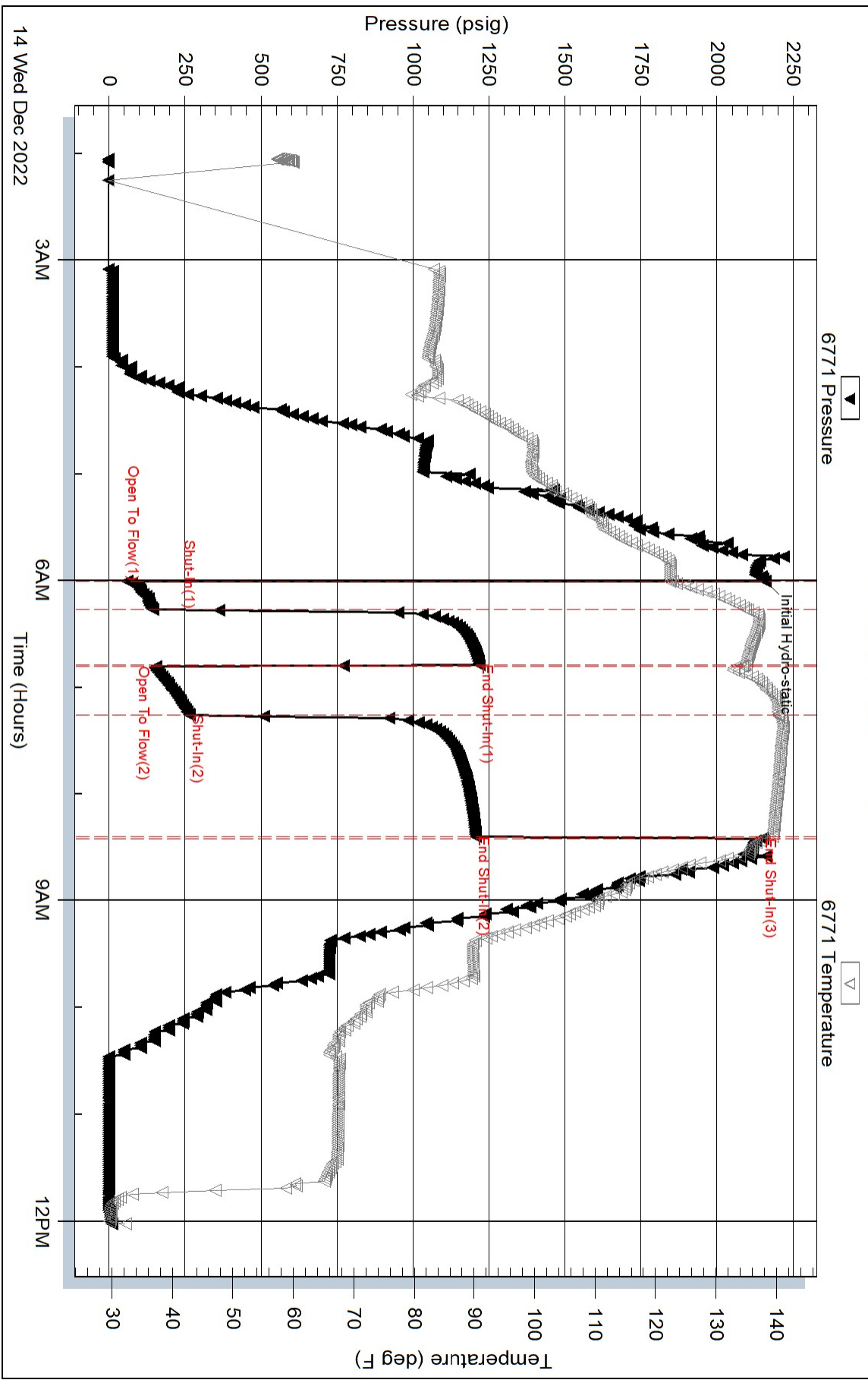
Recovery

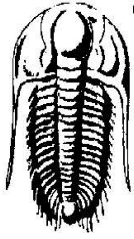
Length (ft)	Description	Volume (bbl)
58.00	GMCO 57%o, 25%g, 18%m	0.29
58.00	SMCO 96%o, 4%m	0.29
504.00	GMCO 58%o, 26%g, 16%m	7.07
20.00	SMCO 85%o, 10%m, 5%g	0.28
0.00	GIP = 615'	0.00

Gas Rates

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

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Arcadian Resources LLC

35/5s/37w Cheyenne KS

313 E Kansas St
Glen Elder, KS 67446

Fisher Unit #35-1

ATTN: Sean Deenihan

Job Ticket: 68839

DST#: 2

Test Start: 2022.12.15 @ 09:30:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:04:06

Time Test Ended: 19:41:50

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: 4548.00 ft (KB) To 4620.00 ft (KB) (TVD)

Total Depth: 4620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3314.00 ft (KB)

3309.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 710.07 psig @ 4549.00 ft (KB)

Start Date: 2022.12.15

End Date:

2022.12.15

Start Time: 09:30:00

End Time:

19:41:50

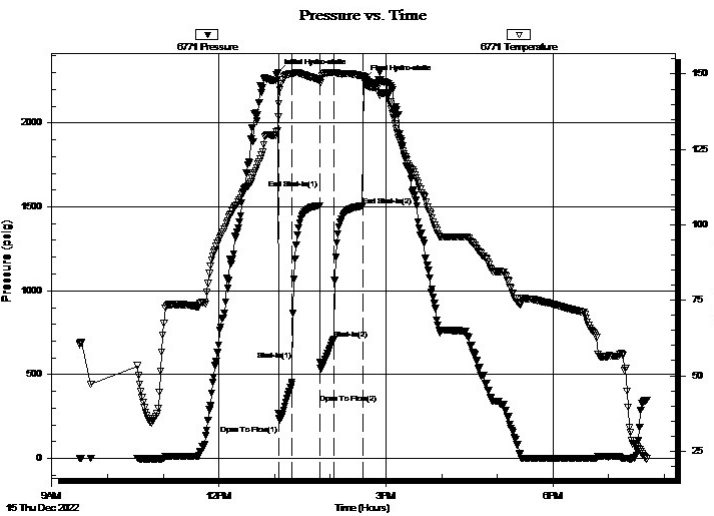
Capacity: 8000.00 psig

Last Calib.: 2022.12.15

Time On Btm: 2022.12.15 @ 13:03:21

Time Off Btm: 2022.12.15 @ 14:35:51

TEST COMMENT: 15 - IF: Blow built to BOB (11" Diesel) at 1 min., built to 75" H2O
30 - IS: Weak surface blow back
15 - FF: Blow built to BOB at 1 min. +, built to 54" in H2O
30 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2297.87	131.20	Initial Hydro-static
1	271.21	135.89	Open To Flow (1)
16	453.22	150.15	Shut-In(1)
45	1508.39	148.20	End Shut-In(1)
46	572.01	147.42	Open To Flow (2)
61	710.07	150.45	Shut-In(2)
92	1505.74	149.39	End Shut-In(2)
93	2259.60	149.03	Final Hydro-static

Recovery

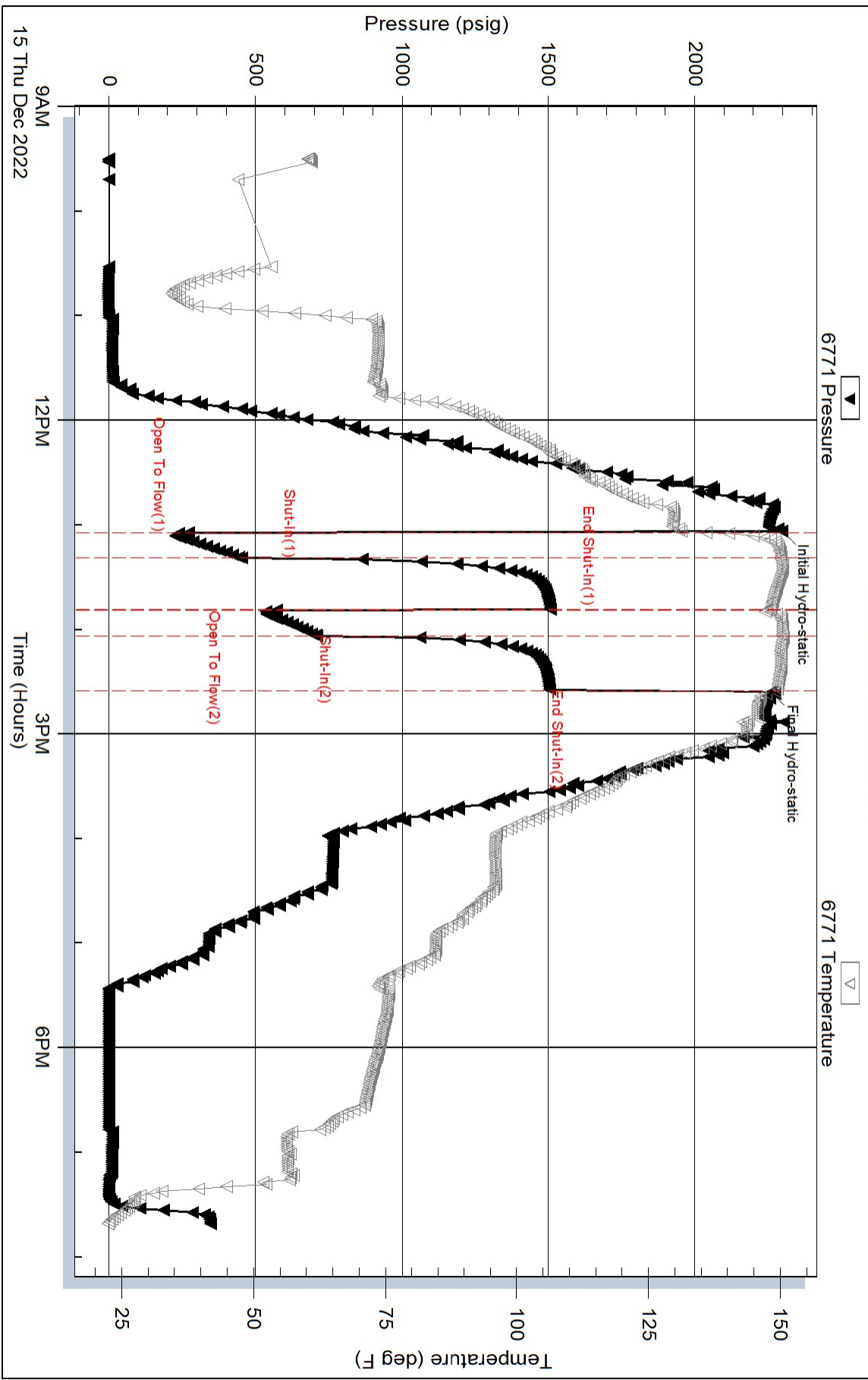
Length (ft)	Description	Volume (bbl)
1137.00	Water w/trace oil 98%w , 2%m	14.89
375.00	MW w/oil spots 48%w , 47%m, 4%g, 1%t	5.26
10.00	OWM 43%m, 32%w , 23%o, 2%g	0.14
5.00	GO 86%o, 12%g, 2%m	0.07
0.00	GIP = 50'	0.00

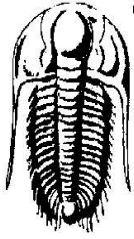
Gas Rates

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

* Recovery from multiple tests

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Arcadian Resources LLC

35/5s/37w Cheyenne KS

313 E Kansas St
Glen Elder, KS 67446

Fisher Unit #35-1

ATTN: Sean Deenihan

Job Ticket: 68840

DST#: 3

Test Start: 2022.12.16 @ 12:28:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:42:21

Time Test Ended: 22:37:05

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: 4654.00 ft (KB) To 4715.00 ft (KB) (TVD)

Reference Elevations: 3314.00 ft (KB)

Total Depth: 4715.00 ft (KB) (TVD)

3309.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 199.37 psig @ 4655.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.12.16

End Date:

2022.12.16

Last Calib.:

2022.12.16

Start Time: 12:28:00

End Time:

22:37:05

Time On Btm:

2022.12.16 @ 15:42:06

Time Off Btm:

2022.12.16 @ 18:31:06

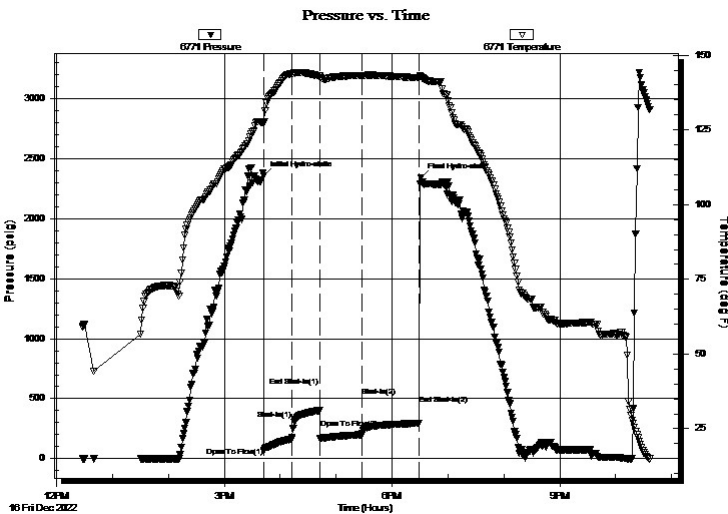
TEST COMMENT: 30 - IF: Blow built to BOB (11" Diesel) at 3 1/2 min., built to 33" H2O

30 - IS: Blow back built to BOB at 20 min.

45 - FF: Blow built to BOB at 14 min.

60 - FS: Blow back built to 3"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2361.03	127.32	Initial Hydro-static
1	63.81	126.98	Open To Flow (1)
31	163.80	143.76	Shut-In(1)
60	400.92	142.98	End Shut-In(1)
61	168.23	142.87	Open To Flow (2)
106	199.37	143.17	Shut-In(2)
167	296.65	142.51	End Shut-In(2)
169	2339.78	142.79	Final Hydro-static

Recovery

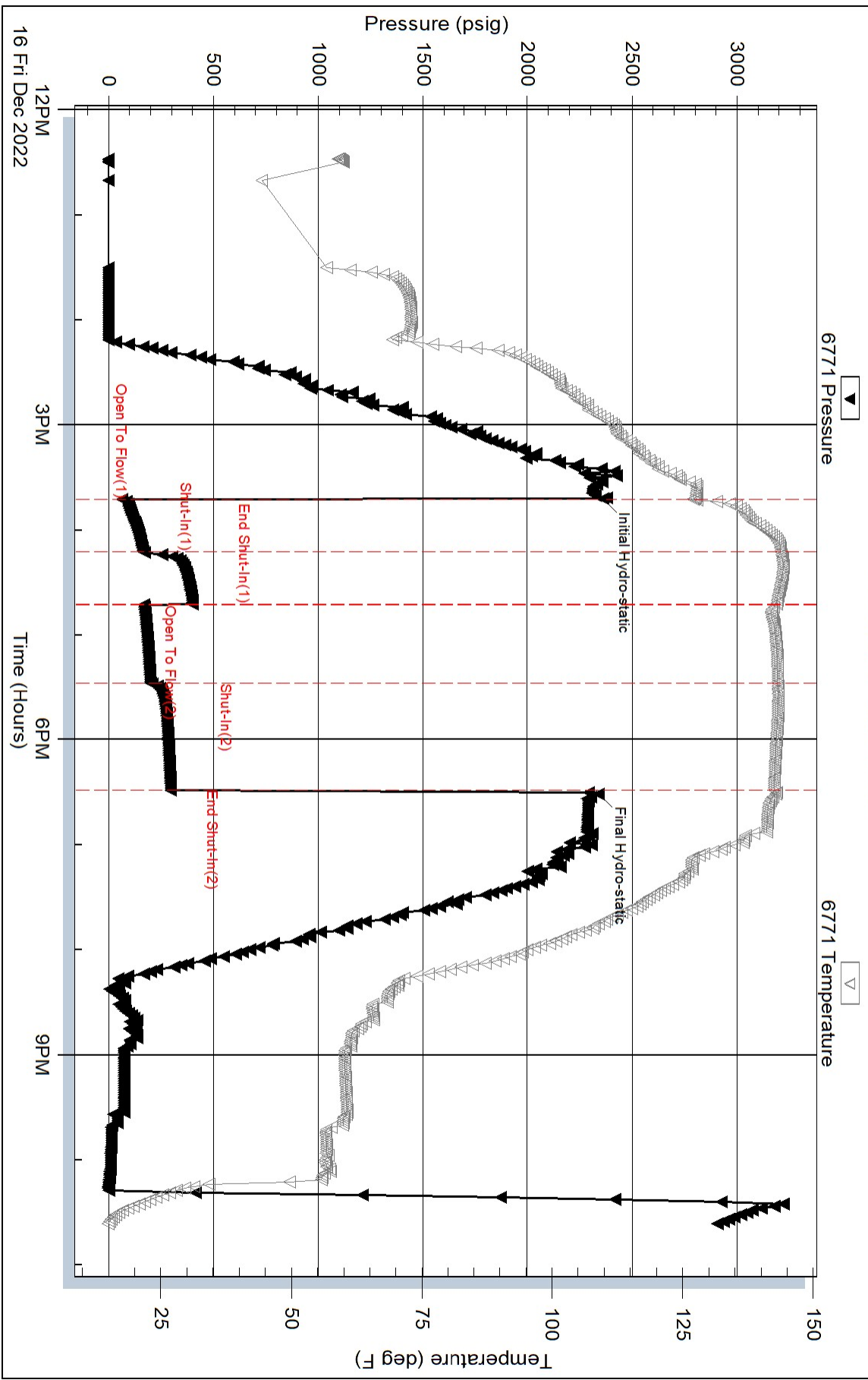
Length (ft)	Description	Volume (bbl)
116.00	SMCGO 69%o, 25%g, 6%m	0.57
125.00	GOM 50%m, 40%o, 10%g	1.75
219.00	CGO 71%o, 29%g	3.07
0.00	GIP = 855'	0.00

Gas Rates

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

* Recovery from multiple tests

Pressure vs. Time



Sean Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Arcadian Resources, LLC

LEASE Fisher Unit #35-1

FIELD Wet Beaver

LOCATION 908' FNL & 2702' FWL

SEC 35 TWP 5S RGE 37W

COUNTY Trego STATE Kansas

CONTRACTOR White Knight Drilling

SPUD 12/8/22 COMP 12/17/22

RTD 4874' LTD 4874'

MUD UP 3300' TYPE MUD Chemical

SAMPLES SAVED FROM 3600' TO RTD

DRILLING TIME KEPT FROM 3600' TO RTD

SAMPLES EXAMINED FROM 3400' TO RTD

GEOLOGICAL SUPERVISION FROM 3400'

REFERENCE WELL CND/DIL. MIC/SON.

ELEVATIONS

KB 3330'

DF _____

GL 3324'

Measurements Are All From Kelly Bushing

CASING

CONDUCTOR SURFACE 8'-5/8" at 265'

PRODUCTION 5.5" at 4873'

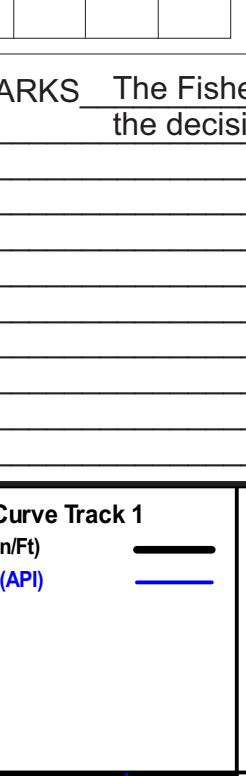
ELECTRICAL SURVEYS

ELI _____

CND/DIL. _____

MIC/SON. _____

Formation	Sample Tops	E-log Tops	Struct For.
Heebner Sh.		4138 (-808)	
Lansing		4196 (-866)	
Stark Sh.		4390 (-1060)	
Hushpuckney Sh.		4431 (-1101)	
Morrow Sh.		4800 (-1470)	



REMARKS The Fisher Unit #35-1 had numerous oil shows and encouraging DST results. Therefore, the decision was made to complete this well for commercial oil production.

Respectfully Submitted,

Sean P. Deenihan

