KOLAR Document ID: 1574106

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 # 35695
Name: ARP Operating, LLC
Address 1: 1444 WAZEE STREET SUITE 125
Address 2:
City: DENVER State: CO Zip: 80202 + 1386
Contact Person: Rich Tabaka
Phone: (303) 728-9923
CONTRACTOR: License # 34743
Name: White Knight Drilling LLC
Wellsite Geologist: n/a
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 #:

1/23/2021	2/3/2021	2/3/2021
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-135-26095-00-00
Spot Description:
S2 - NE - SW - NW Sec. 1 Twp. 20 S. R. 22 ☐ East ☑ West
1820 Feet from ☑ North / ☐ South Line of Section
990 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: Ness
Lease Name: DECHANT Well #: 1
Field Name:
Producing Formation: n/a
Elevation: Ground: 2245 Kelly Bushing: 225
Total Vertical Depth: 4425 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 338 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: 88000 ppm Fluid volume: 700 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Falcon Exploration, Inc.
Lease Name: Ray License #: 5316
Quarter SE Sec. 11 Twp. 20 S. R. 2 ☐ East ☑ West
County: Ness Permit #: D25802.0

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: 05/21/2021
☐ **Confidential Release Date:** 05/21/2023
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 05/24/2021

Operator Name: ARP Operating, LLC Lease Name: DECHANT Well #: 1

Sec. 1 Twp. 20 S. R. 22 ☐ East ☑ West County: Ness

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
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☐ Yes	☑ No

List All E. Logs Run:

CND
DIL
MEL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner Sh	4764	-1514
Lansing	3808	-1558
Ft Scott	4316	-2066
Cherokee Sh.	4338	-2088

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	338	Class A	235	3%CC, 2%G

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	ARP Operating, LLC
Well Name	DECHANT 1
Doc ID	1574106

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	338	Class A	235	3%CC, 2%G

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0265
LOCATION Victoria KS
FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT
CEMENT

US

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1/24/21		Dechant #1	1	20 S	22 W	Ness

CUSTOMER: ARP Operations
MAILING ADDRESS:
CITY: STATE: ZIP CODE:

TRUCK #	DRIVER	TRUCK #	DRIVER
101	Scott		
112	Miles S		

JOB TYPE Surface HOLE SIZE 12.25" HOLE DEPTH 342 CASING SIZE & WEIGHT 8 5/8 24#
CASING DEPTH ______ DRILL PIPE ______ TUBING ______ OTHER ______
SLURRY WEIGHT 14.7 SLURRY VOL 64 WATER gal/sk ______ CEMENT LEFT in CASING 20'
DISPLACEMENT 20.5bbls DISPLACEMENT PSI ______ MIX PSI ______ RATE ______

REMARKS: Safety Meeting & Rig up on White Knight drilling Circulate Casing mix 235 sx Class A 3%cc 2%gel displace 20.5bbls Water Shut in cement did Circulate 3 bbls to pit

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC002	1	PUMP CHARGE	1150.00	1150.00
M001	65	MILEAGE	6.50	422.50
M00	11.63 Tons	Ton mileage delivery	1.50	1133.92
CB40	235 sx	Class A 3%cc 2%gel	24.50	5757.50
			Subtotal	8463.92
		Ness 35% disc		2962.37
			Subtotal	5501.55
			SALES TAX	243.25
			ESTIMATED TOTAL	5744.80

AUTHORIZATION Roberson Douglas TITLE ______ DATE ______

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0270
LOCATION Victoria, KS
FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT

CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2/4/21		Dechant #1	1	20 S	22 W	Ness

CUSTOMER ARP
MAILING ADDRESS
CITY | STATE | ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
101	Jed T		
	Miles		

JOB TYPE PTA HOLE SIZE ____ HOLE DEPTH 4425 CASING SIZE & WEIGHT ____
CASING DEPTH ____ DRILL PIPE 4.5" TUBING ____ OTHER ____
SLURRY WEIGHT 13.7 SLURRY VOL 1.4 WATER gal/sk ____ CEMENT LEFT in CASING ____
DISPLACEMENT ____ DISPLACEMENT PSI ____ MIX PSI ____ RATE ____

REMARKS: Safety Meeting & Rig up on White Knight drilling Plug as ordered
1st plug 60 sx @ 1550'
2nd plug 80 sx @ 710'
3rd plug 50 sx @ 380'
4th plug 20 sx @ 60'
RH 30 sx
230 sx 60/40 4%gel 1/4 # Cflake

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC001	1	PUMP CHARGE	1150.00	1150.00
M001	65	MILEAGE	6.50	422.50
M002	10; 24 Tons	Ton Mileage delivery	1.50	998.40
CB010	230 sx	60/40 4%gel 1/4 # flo	16.25	3737.50
			Subtotal	6308.40
		less 35% disc.		2207.84
			Subtotal	4100.56
			SALES TAX	157.91
			ESTIMATED TOTAL	4,258.37

AUTHORIZATION P. Miller TITLE ____ DATE ____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

DRILL STEM TEST REPORT

ARP Operating LLC

1444 Wazee Street Suite 125
Denver CO 80202+1386

ATTN: Sean Deenihan

1-20s-22w Ness KS

Dechant #1

Job Ticket: 66907 **DST#: 1**

Test Start: 2021.02.03 @ 12:57:01

GENERAL INFORMATION:

Formation: **Cherokee Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:16:37
Time Test Ended: 20:45:26

Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84

Interval: 4322.00 ft (KB) To 4425.00 ft (KB) (TVD)
Total Depth: 4425.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

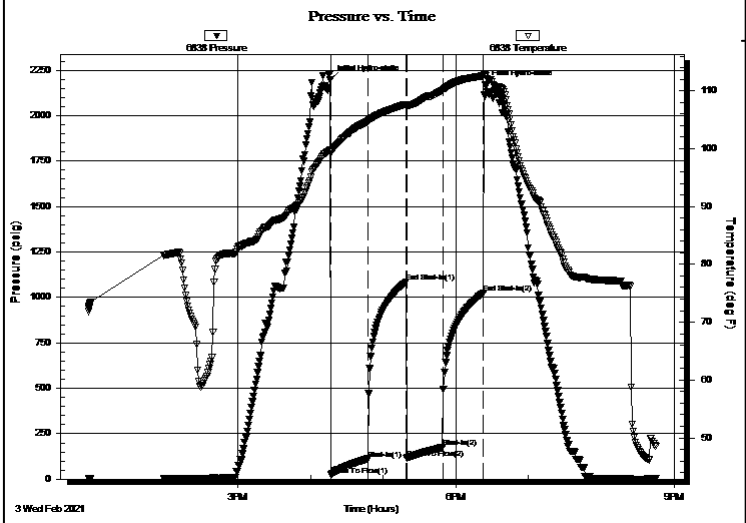
Reference Elevations: 2250.00 ft (KB)
2245.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6838 **Outside**

Press@RunDepth: 174.60 psig @ 4325.00 ft (KB)
Start Date: 2021.02.03 End Date: 2021.02.03
Start Time: 12:57:01 End Time: 20:45:26

Capacity: psig
Last Calib.: 2021.02.03
Time On Btm: 2021.02.03 @ 16:16:27
Time Off Btm: 2021.02.03 @ 18:24:17

TEST COMMENT: 30-IF-Surface to 6"
30-ISI-Surface
30-FF-Surface to 5 3/4"
30-FSI-Weak Surface



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.31	99.88	Initial Hydro-static
1	23.45	99.13	Open To Flow (1)
31	111.37	104.68	Shut-In(1)
63	1084.64	107.66	End Shut-In(1)
63	115.90	107.34	Open To Flow (2)
93	174.60	110.12	Shut-In(2)
127	1023.96	112.61	End Shut-In(2)
128	2171.20	112.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 40%M 60%W	1.70
120.00	WM 20%W 80%M	1.70
100.00	Mud	1.42

Gas Rates

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

DRILL STEM TEST REPORT

ARP Operating LLC

1444 Wazee Street Suite 125
Denver CO 80202+1386

ATTN: Sean Deenihan

1-20s-22w Ness KS

Dechant #1

Job Ticket: 66907 **DST#: 1**

Test Start: 2021.02.03 @ 12:57:01

GENERAL INFORMATION:

Formation: **Cherokee Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:16:37
Time Test Ended: 20:45:26

Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84

Interval: 4322.00 ft (KB) To 4425.00 ft (KB) (TVD)
Total Depth: 4425.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

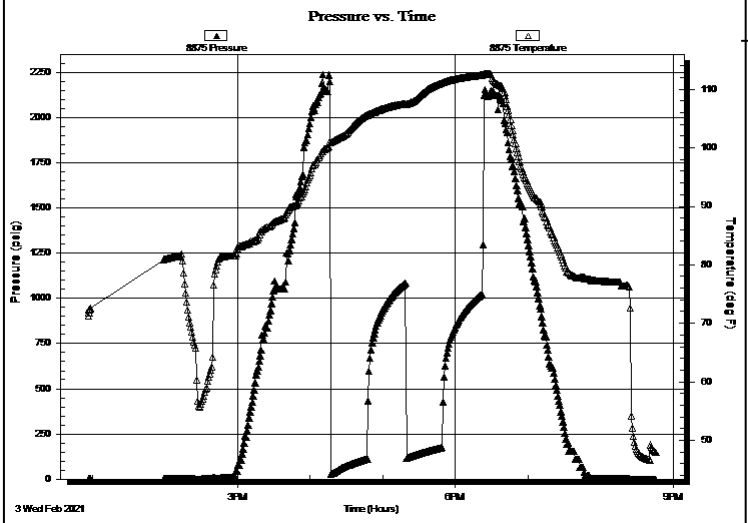
Reference Elevations: 2250.00 ft (KB)
2245.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8875 **Outside**

Press@RunDepth: psig @ 4325.00 ft (KB)
Start Date: 2021.02.03 End Date: 2021.02.03
Start Time: 12:57:01 End Time: 20:45:27

Capacity: psig
Last Calib.: 2021.02.03
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-Surface to 6"
30-ISI-Surface
30-FF-Surface to 5 3/4"
30-FSI-Weak Surface



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 40%M 60%W	1.70
120.00	WM 20%W 80%M	1.70
100.00	Mud	1.42

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

ARP Operating LLC

1444 Wazee Street Suite 125
Denver CO 80202+1386

ATTN: Sean Deenihan

1-20s-22w Ness KS

Dechant #1

Job Ticket: 66907 **DST#: 1**

Test Start: 2021.02.03 @ 12:57:01

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	47000 ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW 40%M 60%W	1.701
120.00	WM 20%W 80%M	1.701
100.00	Mud	1.418

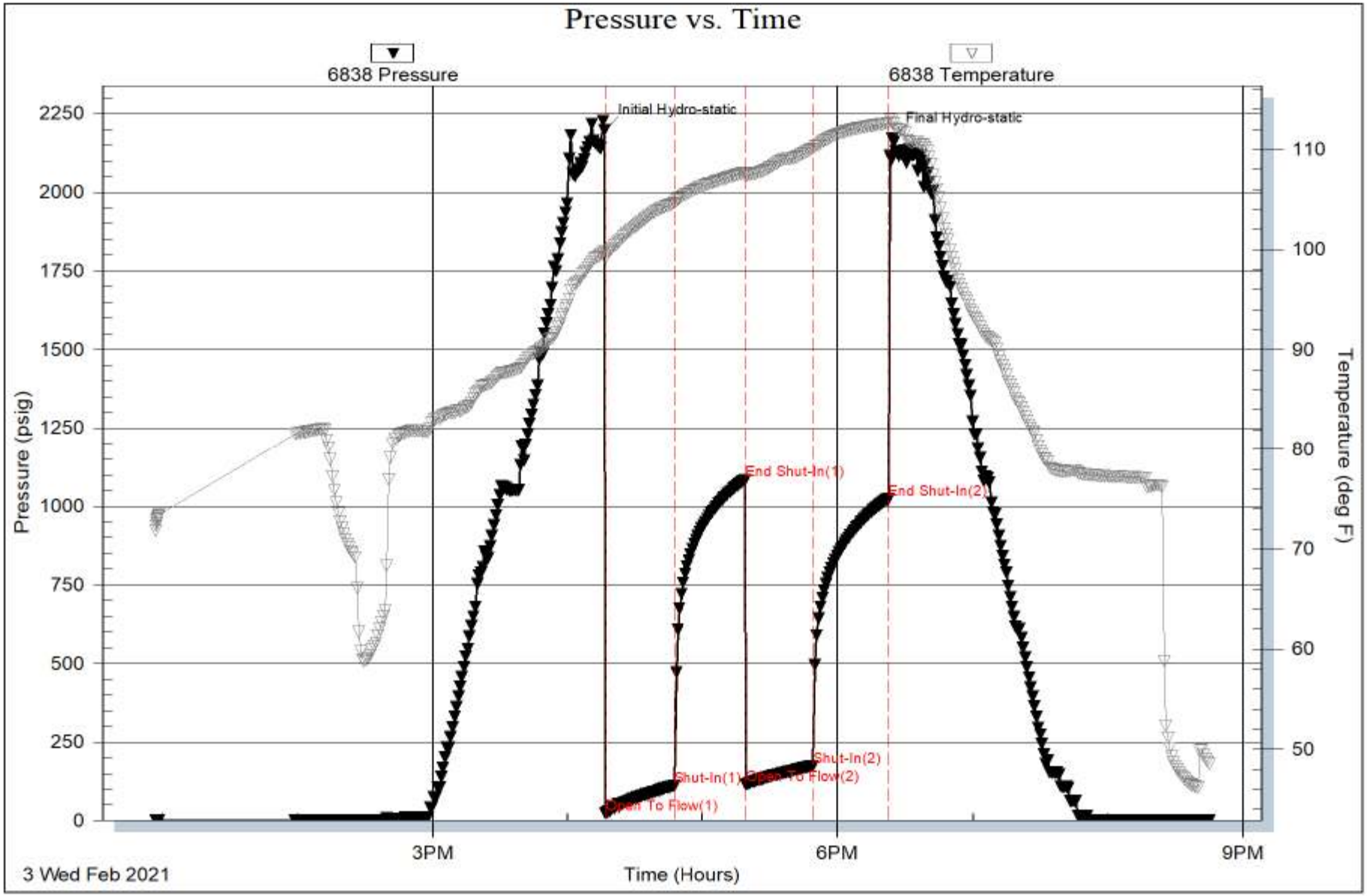
Total Length: 340.00 ft Total Volume: 4.820 bbl

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

Laboratory Name: Laboratory Location:

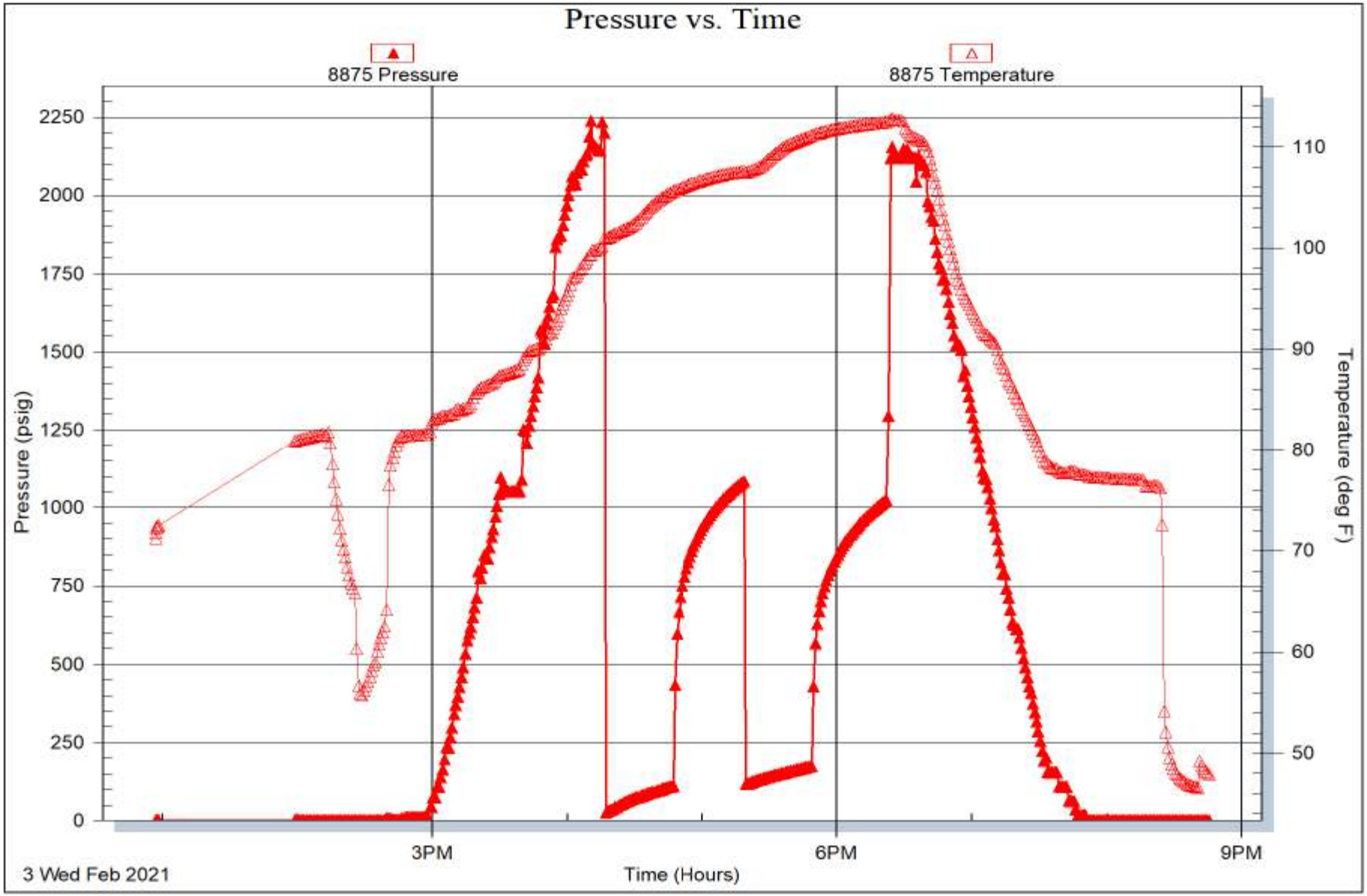
Recovery Comments: 1 3/4# LCM
RW=.265@42F

Serial #: 6838 **Outside** ARP Operating LLC Dechant #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 66907 Printed: 2021.02.03 @ 22:44:09

Serial #: 8875 **Outside** ARP Operating LLC Dechant #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 66907 Printed: 2021.02.03 @ 22:44:09

GEOLOGY REPORT

The Dechant #1 was drilled to a depth of 4425'. A drill stem test recovered only mud and water. Therefore this test was abandoned.