

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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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3980

Date	11/13-23	Sec.	Twp.	Range	County	State	On Location	Finish
					Location	Catherine 12 13 N 4 E		
Lease	D B S		Well No.	2		Owner		
Contractor		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Type Job	Portcollar		Charge To ANCHOR BAY					
Hole Size	5 1/2		T.D.	Depth				
Csg.	2 3/8		Depth		Street			
Tbg. Size	2 3/8		Depth		City State			
Tool			Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.			Shoe Joint		Cement Amount Ordered 350 2 1/4 Qm DC 1/4 flo			
Meas Line	Displace		Common 360 2 mdc					
EQUIPMENT			Poz. Mix					
Pumptrk	5	No.	Cementer	Bill		Gel. 3		
			Helper	Mark		Calcium		
Bulktrk		No.	Driver			Hulls		
Bulktrk	19	No.	Driver	COY		Salt		
JOB SERVICES & REMARKS			Remarks:					
Rat Hole			Flowseal 100 #					
Mouse Hole			Kol-Seal					
Centralizers			Mud CLR 48					
Baskets			CFL-117 or CD110 CAF 38					
D/V or Port Collar			Sand					
Rest plug 800 #			Handling 350					
P.C. 1064			Mileage					
Mix 250 # 6el			FLOAT EQUIPMENT					
Cent w/ 300 #			Guide Shoe					
Cent Did Circ			Centralizer					
Used			Baskets					
300 #			AFU Inserts					
250 # 6el			Float Shoe					
			Latch Down					
			Pumptrk Charge port collar Job					
			Mileage 21					
Signature			Tax					
			Discount					
			Total Charge					

Thanks

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3956

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-16-23	11	11	17	Ellis	KS		2:00PM

Location *RFD & Codell Jct IN*

Lease	Well No.	Owner	
<i>D&S FARMS</i>	<i>2</i>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Contractor	Type Job	Charge To	
<i>White Night</i>	<i>Longstring</i>	<i>ANCHOR BAY</i>	
Hole Size	T.D.	Street	
<i>7 7/8</i>			
Csg.	Depth	City	
<i>5 1/2 17 #</i>		State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered	<i>1800y Com 10% Salt</i>
Cement Left in Csg.	Shoe Joint	Meas Line	Displace
<i>43.86</i>	<i>43.86</i>		<i>80.5</i>

EQUIPMENT

Pumptrk	No.	Cementor	Helper	Common
<i>17</i>			<i>Bill</i>	<i>180</i>
Bulktrk	No.	Driver	Driver	Poz. Mix
		<i>JORDAN</i>		
Bulktrk	No.	Driver	Driver	Gel.
<i>14</i>		<i>JOE</i>	<i>COPY</i>	
				Calcium

JOB SERVICES & REMARKS

Remarks:	Hulls
	Salt <i>14</i>
Rat Hole	Flowseal
Mouse Hole <i>30</i>	Kol-Seal <i>750 #</i>
Centralizers	Mud CLR 48 <i>500 gal</i>
Baskets	CFL-117 or CD110 CAP <i>38</i>
D/V or Port Collar	Sand
<i>#61 1092</i>	Handling <i>201</i>
<i>pipe side 3544</i>	Mileage
<i>Shoe Jt 43.86</i>	

FLOAT EQUIPMENT

<i>In sect 3500' 2 obbls water</i>	Guide Shoe
<i>pump 500gal Flush</i>	Centralizer <i>5</i>
<i>cent w/ 150 #</i>	Baskets <i>2</i>
<i>pump plug w/ 80 1/2 bbls</i>	AFU Inserts
<i>land plug @ 1300'</i>	Float Shoe <i>-1</i>
<i>Float held</i>	Latch Down <i>-1</i>
	<i>P.C - 1</i>
	Pumptrk Charge <i>prod string</i>
	Mileage <i>21</i>

X Signature *[Signature]*

Thanks

Tax
Discount
Total Charge

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

483-1071
4-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3431

2/23	Sec. 11	Twp. 11S	Range 17W	County Ellis	State KS	On Location	Finish 5:20pm
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Location River RD, Codel RD 1 north

Farms	Well No. #2	Owner
White Knight Surface		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.
	T.D. 228	Charge To Anchor Bay Petroleum
	Depth	Street
	Depth	City State
	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Csg.	Shoe Joint 15	Cement Amount Ordered 150 3/2cc

Displace

EQUIPMENT

No.	Cementer	Common	120
	Helper	Poz. Mix	30
No.	Driver	Gel.	3
	Driver	Calcium	6
No.	Driver		
	Driver		

JOB SERVICES & REMARKS

	Hulls
	Salt
	Flowseal
	Kol-Seal
	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
1/8, hooked up head, broke	Handling 159
on, pumped 150 silks cement	Mileage
12.9 bbl, Cement d:d	

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Thanks!

Pumptrk Charge Surface

Mileage 21

Thanks

[Signature]

Tax
Discount
Total Charge



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601+9347

ATTN: Ed Glassman

D&S Farms #2

11-11s-17w Ellis KS

Start Date: 2023.10.13 @ 14:51:00

End Date: 2023.10.13 @ 21:10:52

Job Ticket #: 71157 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.10.17 @ 10:41:07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71157

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.10.13 @ 14:51:00

GENERAL INFORMATION:

Formation: **Oread-LKC C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:45:02

Time Test Ended: 21:10:52

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 84

Interval: **3014.00 ft (KB) To 3115.00 ft (KB) (TVD)**

Reference Elevations: 1859.00 ft (KB)

Total Depth: 3115.00 ft (KB) (TVD)

1854.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8875 Inside

Press@RunDepth: 43.97 psig @ 3019.00 ft (KB)

Capacity: psig

Start Date: 2023.10.13

End Date: 2023.10.13

Last Calib.: 2023.10.13

Start Time: 14:51:01

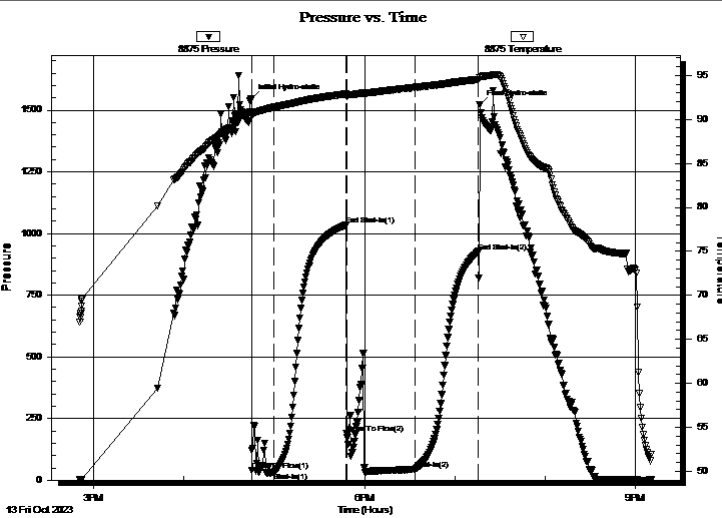
End Time: 21:10:52

Time On Btm: 2023.10.13 @ 16:44:57

Time Off Btm: 2023.10.13 @ 19:16:27

TEST COMMENT: 15-IF-Surface to 5"
45-ISI-No Return
45-FF-BOB 32 mins Built to 15"
45-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1547.48	90.86	Initial Hydro-static
1	40.33	90.34	Open to Flow (1)
16	33.48	91.38	Shut-In(1)
63	1033.32	92.87	End Shut-In(1)
64	188.72	92.57	Open To Flow (2)
109	43.97	93.63	Shut-In(2)
151	926.84	94.54	End Shut-In(2)
152	1521.67	94.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
64.00	HOCM 30%O 70%M	0.91
0.00	90 GIP 100%G	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71157

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.10.13 @ 14:51:00

Tool Information

Drill Pipe:	Length: 3011.00 ft	Diameter: 3.82 inches	Volume: 42.68 bbl	Tool Weight:	2500.00 daN
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 daN
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 daN
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	42000.00 daN
Depth to Top Packer:	3014.00 ft			Final	42000.00 daN
Depth to Bottom Packer:	ft				
Interval between Packers:	101.00 ft				
Tool Length:	133.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2983.00	
Shut In Tool	5.00			2988.00	
Hydraulic tool	5.00			2993.00	
Jars	5.00			2998.00	
Gap Sub	4.00			3002.00	
Safety Joint	3.00			3005.00	
Packer	5.00			3010.00	32.00 Bottom Of Top Packer
Packer	4.00			3014.00	
Stubb	1.00			3015.00	
Perforations	3.00			3018.00	
Change Over Sub	1.00			3019.00	
Recorder	0.00	6838	Inside	3019.00	
Recorder	0.00	8875	Inside	3019.00	
Drill Pipe	96.00			3115.00	101.00 Bottom Packers & Anchor

Total Tool Length: 133.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71157

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.10.13 @ 14:51:00

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:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
64.00	HOCM 30%O 70%M	0.907
0.00	90 GIP 100%G	0.000

Total Length: 64.00 ft

Total Volume: 0.907 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

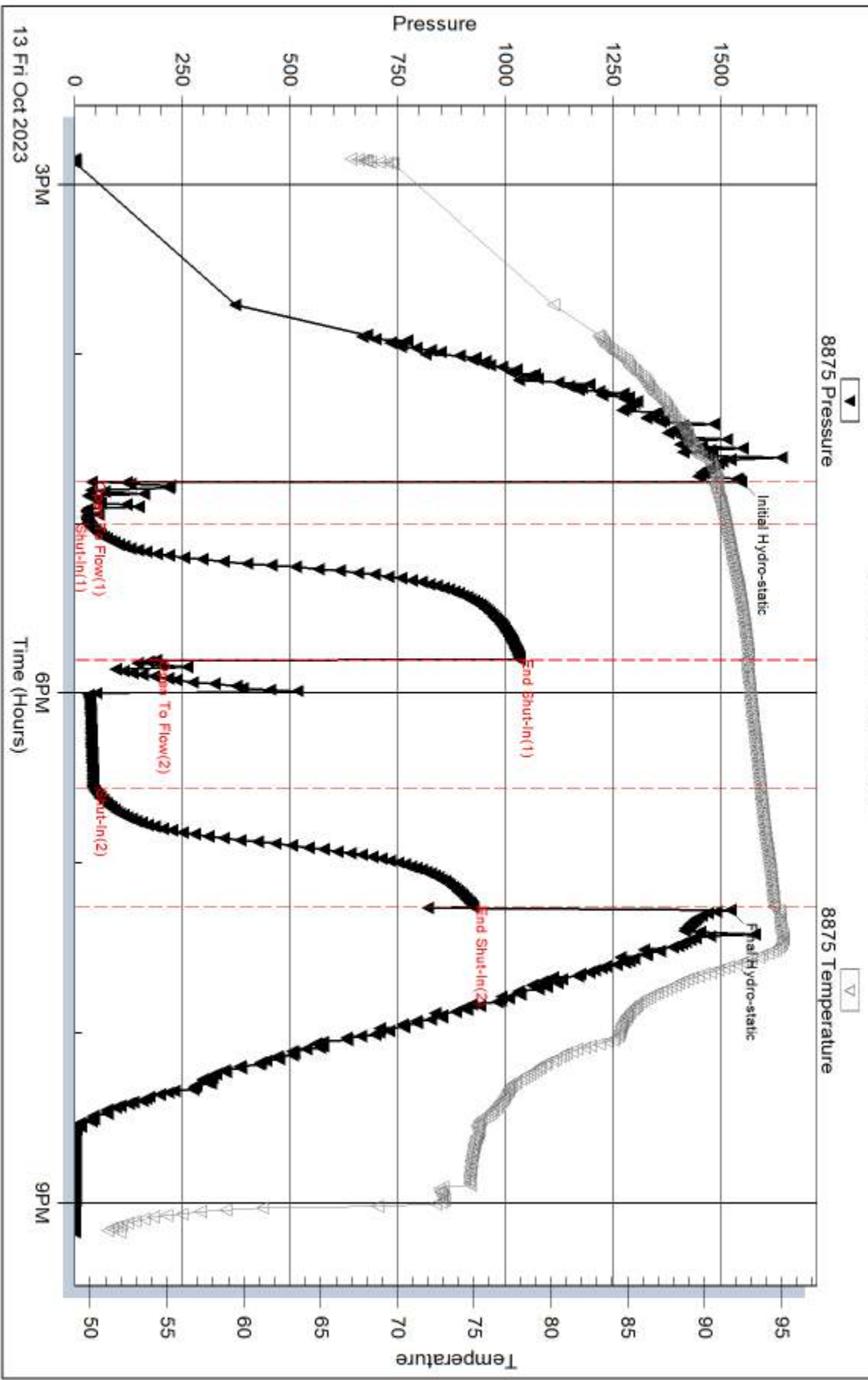
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

Pressure vs. Time



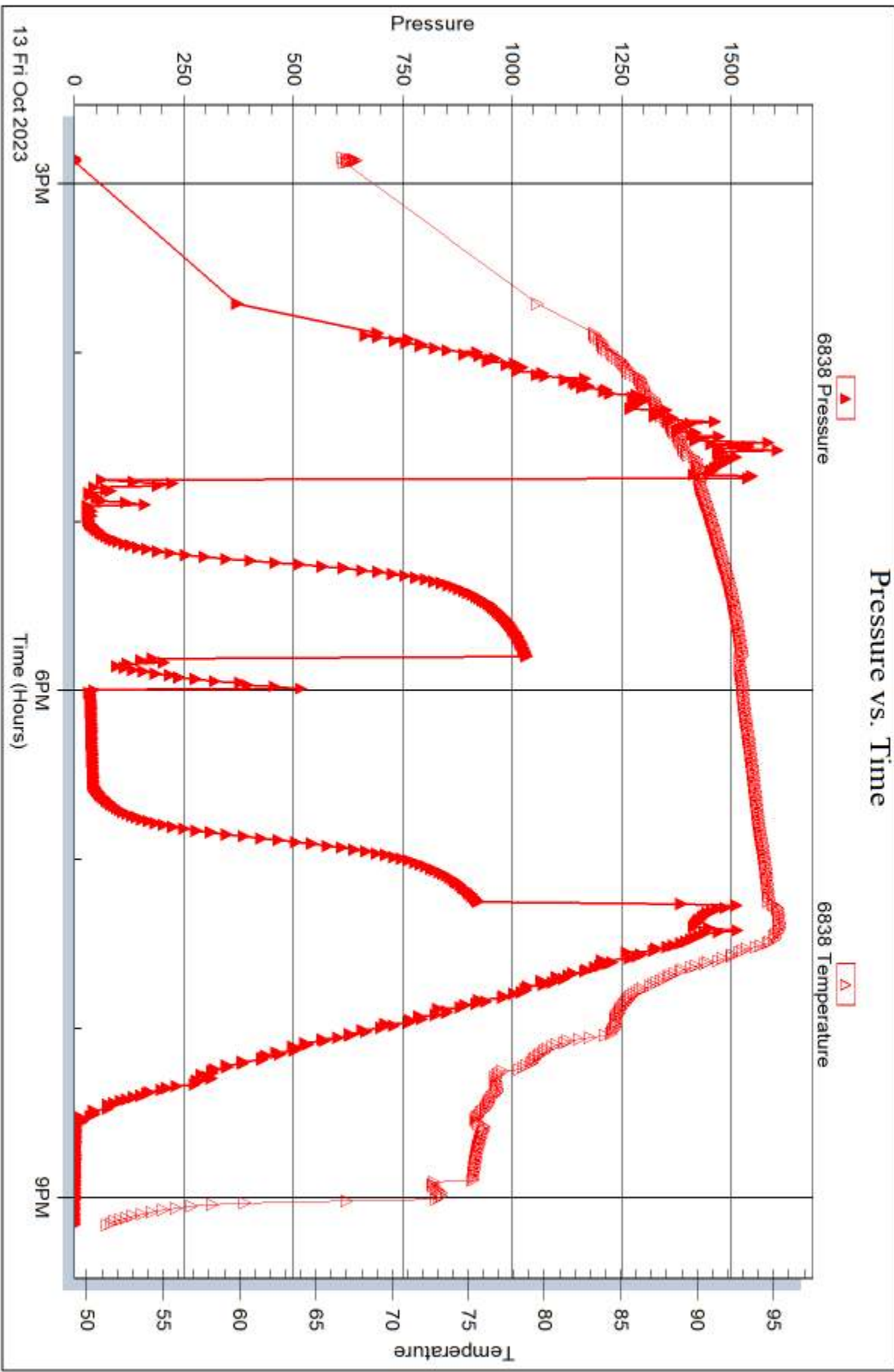
Serial #: 6838

Inside

Anchor Bay Petroleum LLC

D&S Farms #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 71157

Printed: 2023.10.17 @ 10:41:08



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601+9347

ATTN: Ed Glassman

D&S Farms #2

11-11s-17w Ellis KS

Start Date: 2023.10.14 @ 07:15:00

End Date: 2023.10.14 @ 14:10:07

Job Ticket #: 71158 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.10.17 @ 10:38:58



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71158

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.10.14 @ 07:15:00

GENERAL INFORMATION:

Formation: **LKC G-H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:13:22

Time Test Ended: 14:10:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

Interval: 3115.00 ft (KB) To 3216.00 ft (KB) (TVD)

Reference Elevations: 1859.00 ft (KB)

Total Depth: 3216.00 ft (KB) (TVD)

1854.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8875

Inside

Press@RunDepth: 59.31 psig @ 3140.00 ft (KB)

Capacity: psig

Start Date: 2023.10.14

End Date:

2023.10.14

Last Calib.: 2023.10.14

Start Time: 07:15:01

End Time:

14:10:07

Time On Btm: 2023.10.14 @ 09:13:12

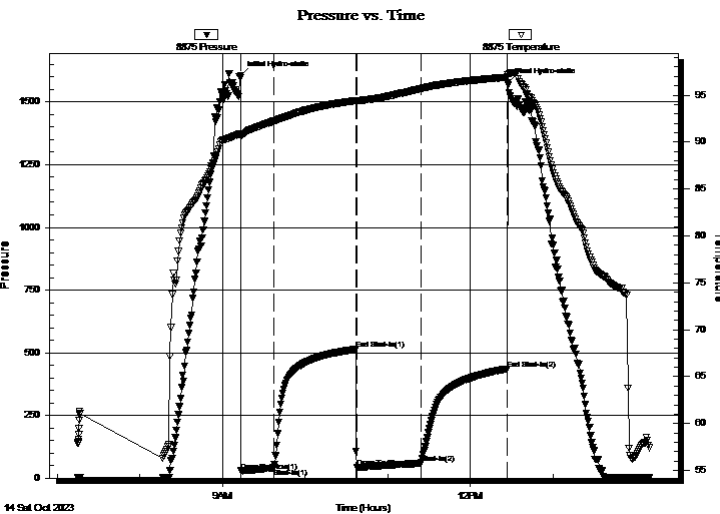
Time Off Btm: 2023.10.14 @ 12:27:07

TEST COMMENT: 15-IF-Surface to 4.5"

60-ISI-No Return

45-FF-Surface to 5"

60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1605.98	90.89	Initial Hydro-static
1	28.75	90.61	Open To Flow (1)
24	40.73	92.23	Shut-In(1)
84	513.71	94.41	End Shut-In(1)
85	42.98	94.38	Open To Flow (2)
131	59.31	95.69	Shut-In(2)
194	435.99	96.92	End Shut-In(2)
194	1576.83	97.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSWCM w/oil spots 2%W 98%M	0.28
59.00	SOCM 5%O 95%M	0.84
1.00	Free Oil 100%O	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71158

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.10.14 @ 07:15:00

Tool Information

Drill Pipe:	Length: 3136.00 ft	Diameter: 3.82 inches	Volume: 44.45 bbl	Tool Weight:	2500.00 daN
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 daN
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 daN
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	42000.00 daN
Drill Pipe Above KB:	33.00 ft			Final	42000.00 daN
Depth to Top Packer:	3135.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	81.00 ft				
Tool Length:	113.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3104.00	
Shut In Tool	5.00			3109.00	
Hydraulic tool	5.00			3114.00	
Jars	5.00			3119.00	
Gap Sub	4.00			3123.00	
Safety Joint	3.00			3126.00	
Packer	5.00			3131.00	32.00 Bottom Of Top Packer
Packer	4.00			3135.00	
Stubb	1.00			3136.00	
Perforations	3.00			3139.00	
Change Over Sub	1.00			3140.00	
Recorder	0.00	6838	Inside	3140.00	
Recorder	0.00	8875	Inside	3140.00	
Drill Pipe	64.00			3204.00	
Change Over Sub	1.00			3205.00	
Perforations	8.00			3213.00	
Bullnose	3.00			3216.00	81.00 Bottom Packers & Anchor
Total Tool Length:	113.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71158

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.10.14 @ 07:15:00

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:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	VSWCM w /oil spots 2%W 98%M	0.284
59.00	SOCM 5%O 95%M	0.836
1.00	Free Oil 100%O	0.014

Total Length: 80.00 ft

Total Volume: 1.134 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

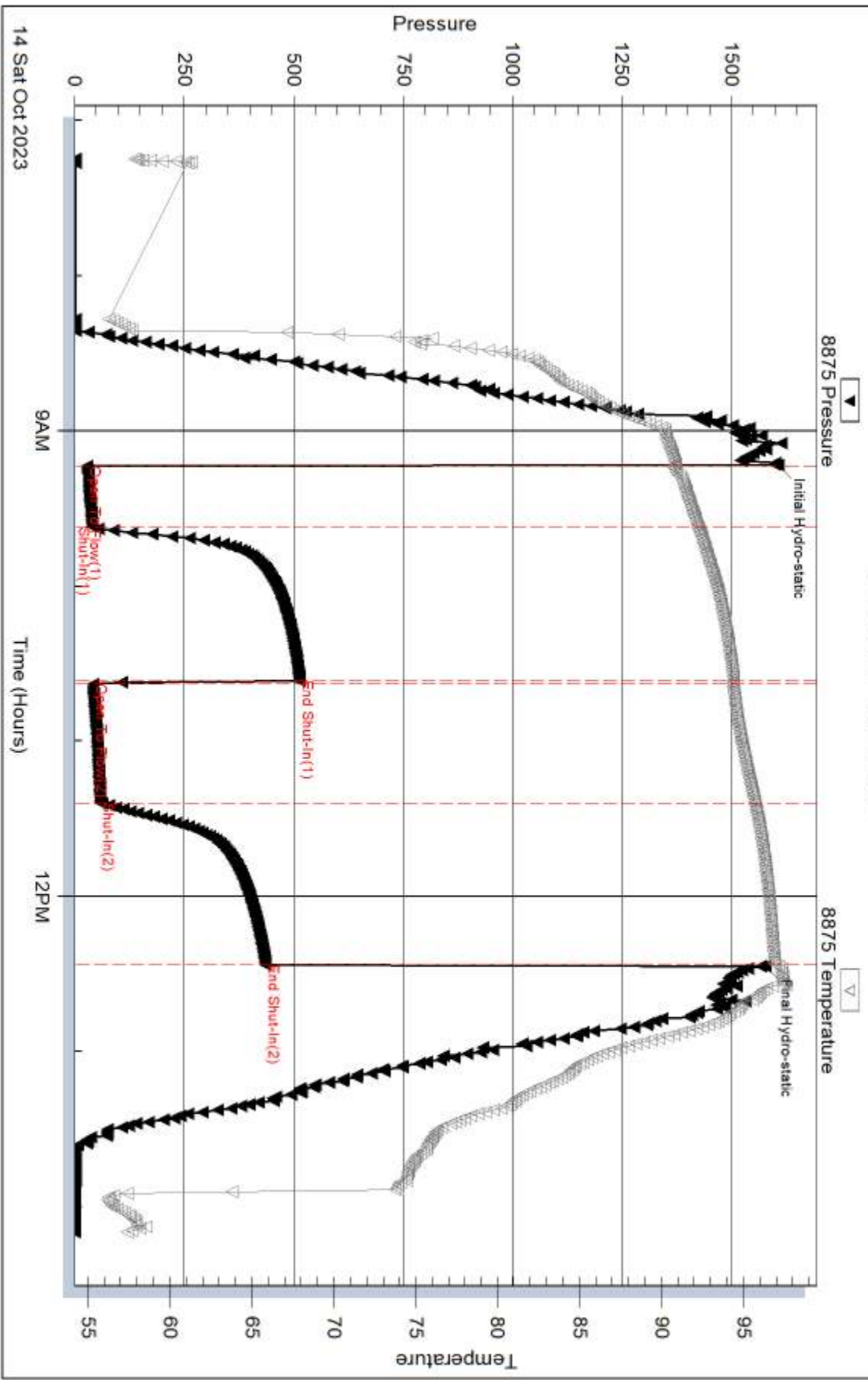
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

Pressure vs. Time



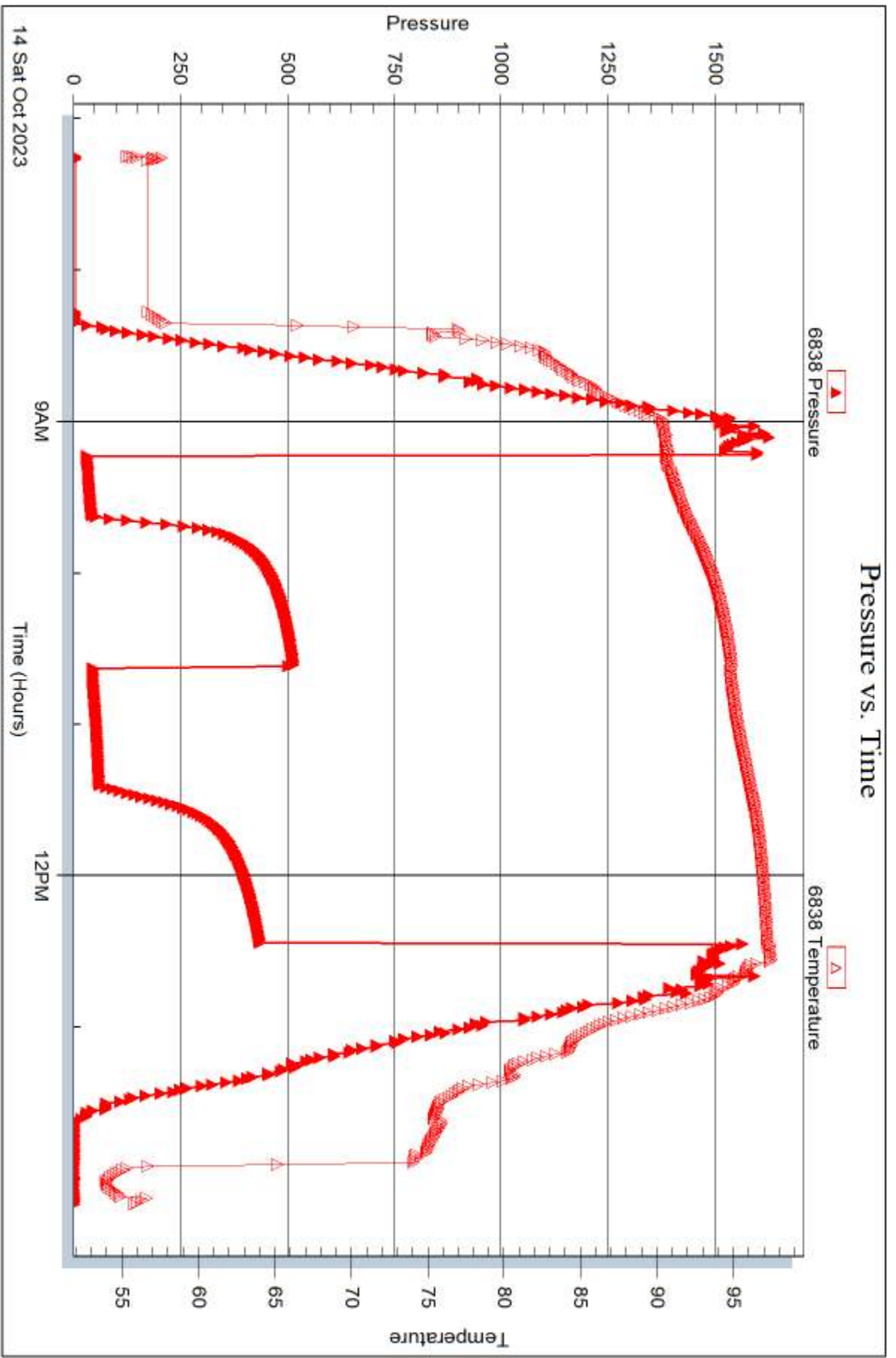
Serial #: 6838

Inside

Anchor Bay Petroleum LLC

D&S Farms #2

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 71158

Printed: 2023.10.17 @ 10:38:59



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601+9347

ATTN: Ed Glassman

D&S Farms #2

11-11s-17w Ellis KS

Start Date: 2023.10.15 @ 00:39:00

End Date: 2023.10.15 @ 05:59:32

Job Ticket #: 71159 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.10.17 @ 10:37:24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71159

DST#: 3

ATTN: Ed Glassman

Test Start: 2023.10.15 @ 00:39:00

GENERAL INFORMATION:

Formation: **LKC I-L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:39:57
 Time Test Ended: 05:59:32
 Interval: **3225.00 ft (KB) To 3308.00 ft (KB) (TVD)**
 Total Depth: 3308.00 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: 1859.00 ft (KB)
 1854.00 ft (CF)
 KB to GR/CF: 5.00 ft

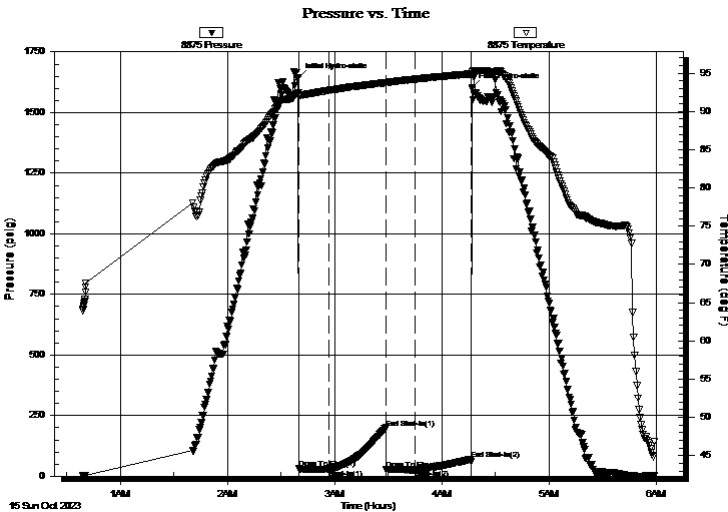
Serial #: 8875

Inside

Press@RunDepth: 26.58 psig @ 3230.00 ft (KB) Capacity: psig
 Start Date: 2023.10.15 End Date: 2023.10.15 Last Calib.: 2023.10.15
 Start Time: 00:39:01 End Time: 05:59:32 Time On Btm: 2023.10.15 @ 02:39:47
 Time Off Btm: 2023.10.15 @ 04:16:52

TEST COMMENT: 15-IF-Surface to 1.5"
 30-ISI-No Return
 15-FF-Surface Blow
 30-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1645.51	92.35	Initial Hydro-static
1	30.93	91.86	Open To Flow (1)
18	28.69	92.76	Shut-In(1)
49	199.16	93.75	End Shut-In(1)
50	28.25	93.75	Open To Flow (2)
66	26.58	94.21	Shut-In(2)
97	70.75	94.94	End Shut-In(2)
98	1603.90	95.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OSM 100%M	0.28

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71159

DST#: 3

ATTN: Ed Glassman

Test Start: 2023.10.15 @ 00:39:00

Tool Information

Drill Pipe:	Length: 3198.00 ft	Diameter: 3.82 inches	Volume: 45.33 bbl	Tool Weight:	2500.00 daN
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 daN
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	46000.00 daN
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	43000.00 daN
Depth to Top Packer:	3225.00 ft			Final	43000.00 daN
Depth to Bottom Packer:	ft				
Interval between Packers:	83.00 ft				
Tool Length:	115.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3194.00	
Shut In Tool	5.00			3199.00	
Hydraulic tool	5.00			3204.00	
Jars	5.00			3209.00	
Gap Sub	4.00			3213.00	
Safety Joint	3.00			3216.00	
Packer	5.00			3221.00	32.00 Bottom Of Top Packer
Packer	4.00			3225.00	
Stubb	1.00			3226.00	
Perforations	3.00			3229.00	
Change Over Sub	1.00			3230.00	
Recorder	0.00	6838	Inside	3230.00	
Recorder	0.00	8875	Inside	3230.00	
Drill Pipe	64.00			3294.00	
Change Over Sub	1.00			3295.00	
Perforations	10.00			3305.00	
Bullnose	3.00			3308.00	83.00 Bottom Packers & Anchor
Total Tool Length:	115.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

11-11s-17w Ellis KS

1952 Victoria Rd
Hays KS 67601+9347

D&S Farms #2

Job Ticket: 71159

DST#: 3

ATTN: Ed Glassman

Test Start: 2023.10.15 @ 00:39:00

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:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OSM 100%M	0.284

Total Length: 20.00 ft Total Volume: 0.284 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

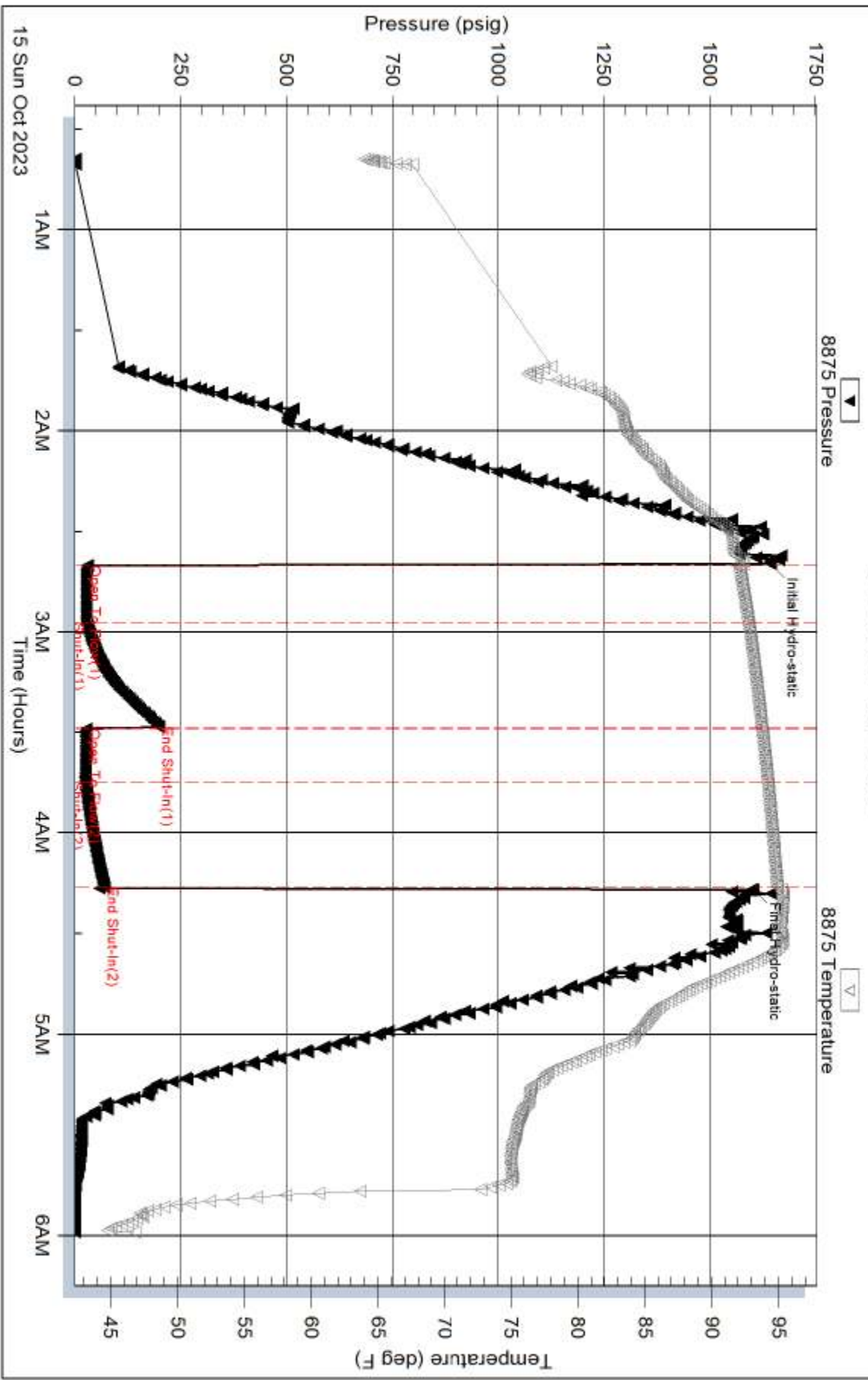
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

Pressure vs. Time



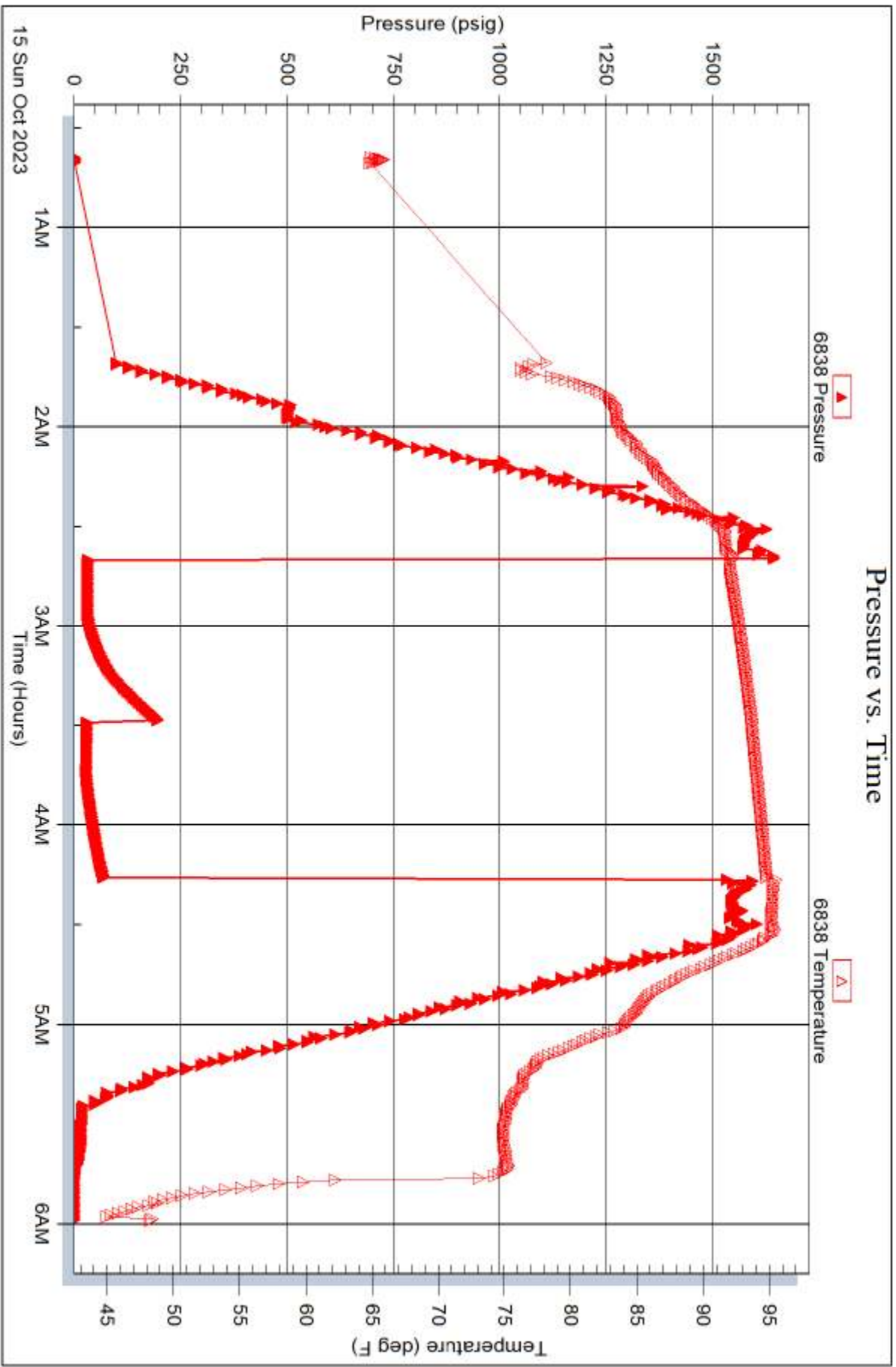
Serial #: 6838

Inside

Anchor Bay Petroleum LLC

D&S Farms #2

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **71157**

Well Name & No. D & S Farms #2 Test No. 1 Date 10/13/2023
 Company Anchor Bay Petroleum LLC Elevation 1859 KB 1854 GL
 Address 1952 Victoria Rd Hays Ms 67601-19347
 Co. Rep / Geo Ed Glassman Rig White Knight
 Location: Sec. 11 Twp 11s Rge. 17w Co. Ellis State Ms

Interval Tested 3014' - 3115' Zone Tested Oread - LKC C
 Anchor Length 101' Drill Pipe Run 3011' Mud Wt. 9.2
 Top Packer Depth 3009' Drill Collars Run - Vis 64
 Bottom Packer Depth 3014' Wt. Pipe Run - WL 8.8
 Total Depth 3115' Chlorides 6400 ppm System LCM M

Blow Description 17- Surface to 5"
25D - No Return
77- BOB 32 mins; Built to 15"
78D - No Return

Rec	Feet of	%gas	%oil	%water	%mud
64	HOCM	30		70	
	90' GIP	100			

Rec Total 64' BHT 94° Gravity - API RW - @ - °F Chlorides - ppm
 Initial Hydrostatic 1547 Test 1800 Ruined Shale Packer
 Initial Flow 40 to 33 Jars 300 Ruined Packer
 Initial Shut-In 1033 Circ Sub Hotel
 Final Flow 188 to 43 Hourly Standby X1 EM Tool Successful -350
 Final Shut-In 926 Mileage 5427 94.50 Accessibility
 Final Hydrostatic 1521 Sampler Gas Sample
 T-On Location 11:21 Straddle Oversized Hole
 Initial Flow 15 T-Started 14:51 Shale Packer Sub Total -350
 Initial Shut-In 45 T-Open 16:43 Extra Packer Total 1844.50
 Final Flow 45 T-Pulled 19:13 Extra Recorder Tool Loaded @
 Final Shut-In 45 T-Out 21:10 Day Standby MP/DST Disc't

Comments had to short trip

Approved By _____ Our Representative Spencer J. Stahl

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71158

Well Name & No. O & S Farms #2 Test No. 2 Date 10/14/2023
 Company Anchor Bay Petroleum LLC Elevation 1859' KB 1854' GL
 Address 1952 Victoria Rd Hays KS 67601 + 9347
 Co. Rep / Geo Ed Glassman Rig White Knight
 Location: Sec. 11 Twp 11s Rge. 17w Co. Ellis State KS

Interval Tested 3135' - 3216' Zone Tested LKC G-A
 Anchor Length 81' Drill Pipe Run 3136' Mud Wt. 9.3
 Top Packer Depth 3130' Drill Collars Run - Vis 48
 Bottom Packer Depth 3135' Wt. Pipe Run - WL 9.2
 Total Depth 3216' Chlorides 6900 ppm System LCM 1#

Blow Description 17 - Surface to 4 1/2"
150 - No Return
77 - Surface to 5"
75 - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>20'</u>	<u>VSWCM w/oil spots</u>		<u>2</u>	<u>98</u>	
<u>59'</u>	<u>SOCM</u>		<u>5</u>	<u>95</u>	
<u>1'</u>	<u>Free Oil</u>		<u>100</u>		

Rec Total 80' BHT 96° Gravity - API RW - @ - °F Chlorides - ppm
 Initial Hydrostatic 1605 Test 1800 Ruined Shale Packer
 Initial Flow 28 to 40 Jars 300 Ruined Packer
 Initial Shut-In 513 Circ Sub Hotel
 Final Flow 42 to 59 Hourly Standby EM Tool Successful
 Final Shut-In 435 Mileage 5427 94.50 Accessibility
 Final Hydrostatic 1576 Sampler Gas Sample
 T- On Location 06:34 Straddle Oversized Hole
 Initial Flow 15 T-Started 07:15 Shale Packer Sub Total 0
 Initial Shut-In 60 T-Open 09:13 Extra Packer Total 2194.50
 Final Flow 45 T-Pulled 12:13 Extra Recorder Tool Loaded @
 Final Shut-In 60 T-Out Day Standby MP/DST Disc't

Comments _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71159

Well Name & No. D & S Farms #2 Test No. 3 Date 10/15/2023
 Company Anchor Bay Petroleum LLC Elevation 1859 KB 1854' GL
 Address 1952 Victoria Rd Hays KS 67601 + 9347
 Co. Rep / Geo Ed Glassman Rig White Knight
 Location: Sec. 11 Twp 11s Rge. 17w Co. Ellis State KS

Interval Tested 3225' - 3308' Zone Tested LKC I-2
 Anchor Length 83' Drill Pipe Run 3198' Mud Wt. 9.3
 Top Packer Depth 3220' Drill Collars Run - Vis 48
 Bottom Packer Depth 3225' Wt. Pipe Run - WL 9.2
 Total Depth 3308' Chlorides 6900 ppm System LCM 1#

Blow Description 27- Surface to 1.5"
33- No Return
77- Surface Blow
78- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>OSM</u>			<u>100</u>	

Rec Total 20' BHT 94° Gravity - API RW - @ - °F Chlorides - ppm
 Initial Hydrostatic 1645 Test 1800 Ruined Shale Packer
 Initial Flow 30 to 28 Jars 300 Ruined Packer
 Initial Shut-In 199 Circ Sub Hotel
 Final Flow 28 to 26 Hourly Standby EM Tool Successful
 Final Shut-In 70 Mileage 542722 94.50 + 94.50 Accessibility
 Final Hydrostatic 1603 Sampler Gas Sample
 T- On Location 00:10 Straddle Oversized Hole
 Initial Flow 15 T-Started 00:39 Shale Packer Sub Total 0
 Initial Shut-In 30 T-Open 02:40 Extra Packer Total 2289
 Final Flow 15 T-Pulled 04:10 Extra Recorder Tool Loaded 10:15 @ 18:00
 Final Shut-In 30 T-Out 05:59 Day Standby MP/DST Disc't

Comments _____

Approved By _____ Our Representative [Signature]

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