

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	Anchor Bay Petroleum LLC
Well Name	HENMAN 2
Doc ID	1735114

Tops

Name	Top	Datum
Stone Corral	1568	698
B/Stone Corral	1611	655
Topeka	3257	-991
Heebner	3492	-1226
Lansing	3531	-1265
B/Kansas City	3783	-1517
Marmaton	3825	-1559
Arbuckle	3880	-1614

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. 3716

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-30-23				Ellis	KS		

Location Ellis 351E

Lease	Well No.	Owner
<u>Henman</u>	<u>2</u>	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		
<u>APS</u>		
Type Job		
<u>Port Collar</u>		
Hole Size	T.D.	Charge To
		<u>Anchorage</u>
Csg.	Depth	Street
Tbg. Size	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
		<u>350# 8/20 QMDC</u>
Meas Line	Displace	
		<u>4# F10</u>

EQUIPMENT

Pumptrk	No.	Cementor		Common
<u>17</u>		Helper	<u>Bill Wick</u>	<u>240 8/20 QMDC</u>
Bulktrk	No.	Driver		Poz. Mix
		Driver		Gel. <u>7</u>
Bulktrk	No.	Driver		Calcium
<u>21</u>		Driver	<u>CORY</u>	

JOB SERVICES & REMARKS

Remarks:	Hulls
	Salt
Rat Hole	Flowseal <u>75#</u>
Mouse Hole	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand
<u>Bpe 2790 Test 800#</u>	Handling <u>350</u>
<u>P.C. 1364</u>	Mileage

FLOAT EQUIPMENT

<u>Pump 700# 4 Gel</u>	Guide Shoe
<u>Cement 240#</u>	Centralizer
<u>Cement Did Cir</u>	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Used - 240#
700# Gel

Pumptrk Charge port collar Job
Mileage 21

X Signature [Signature]

Thanks

Tax
Discount
Total Charge

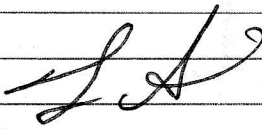

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 3706

Date	6-15-23	Sec.	34	Twp.	13	Range	20	County	Ellis	State	KS	On Location		Finish	10:00pm
Lease								Location							
HENMAN HENMAN								Ellis 351E							
Contractor								Well No.		Owner					
Discovery 2								2		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										Charge To					
Long String										Anchor Bay Pet INC.					
Hole Size								T.D.		Street					
5 1/2 14 #															
Csg.								Depth		City					
Tbg. Size								Depth		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					
33.57								33.57		180y 10% SDA 5% 6:1					
Meas Line								Displace		500 gal Flush					
								95.48		Common 180					
EQUIPMENT															
Pumptrk	17	No.	Cementer			Bill		Poz. Mix							
			Helper												
Bulktrk		No.	Driver			Nick		Gel.							
			Driver												
Bulktrk		No.	Driver			DROG		Calcium							
			Driver												
JOB SERVICES & REMARKS															
Remarks:								Hulls							
Rat Hole 30								Salt 14							
Mouse Hole 15								Flowseal							
Centralizers								Kol-Seal 750#							
Baskets								Mud CLR 48 500 gal							
D/V or Port Collar 1579 #69								CFL-117 or CD110 CAF 38							
Pipe set 3947								Sand							
Shoe Jt. 33.57								Handling 201							
Insert 3913.43								Mileage							
FLOAT EQUIPMENT															
Pump 500 gal Flush								Guide Shoe							
Cement w/								Centralizer 5							
Pump plug 95.48								Baskets 2							
LAND plug c								AFU Inserts							
								Float Shoe 1							
								Latch Down 1							
								Port collar 1							
								Pumptrk Charge Prod String							
								Mileage 21							
															
															
X Signature												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. 3680

-23	Sec. 34	Twp. 13	Range 20	County Ellis	State KS	On Location	Finish 3:00PM
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Location **Ellis - 35 to Airbase Rd, 1/4E**
 Well No. **2** Owner **Shinto**

enman
Discovery Surface
12 1/4" 8"
 T.D. **222'**
 Depth **222'**
 Depth **50'**
 Depth **15'**
 Shoe Joint **15**
 Displace **13 Bus**

Charge To **Anchor Bay**
 Street
 City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered **150 80/20 3% CL 2% Gel**

EQUIPMENT		Common
No.	Cementer Helper Jordan	120
No.	Driver Bryant	Poz. Mix 30
No.	Driver Rick	Gel. 3
No.	Driver Rick	Calcium 6

JOB SERVICES & REMARKS	
Cement did Circulate	
	Hulls
	Salt
	Flowseal
	Kol-Seal
	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling 159
	Mileage

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge **Surface**
 Mileage **21**

Thanks
 Tax
 Discount
 Total Charge



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601

ATTN: Ed Glassman

Henman #2

34-13-20w Ellis,KS

Start Date: 2023.06.13 @ 16:15:00

End Date: 2023.06.13 @ 22:34:00

Job Ticket #: 70335 DST #: 1

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

Printed: 2023.06.15 @ 15:49:25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

34-13-20w Ellis,KS

1952 Victoria Rd
Hays KS 67601

Henman #2

Job Ticket: 70335

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.06.13 @ 16:15:00

GENERAL INFORMATION:

Formation: **LKC A - F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:29:45

Time Test Ended: 22:34:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Terrance

Unit No: 75

Interval: 3523.00 ft (KB) To 3625.00 ft (KB) (TVD)

Reference Elevations: 2268.00 ft (KB)

Total Depth: 3625.00 ft (KB) (TVD)

2260.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8957 Outside

Press@RunDepth: 22.07 psig @ 3526.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.06.13

End Date: 2023.06.13

Last Calib.: 2023.06.13

Start Time: 16:15:05

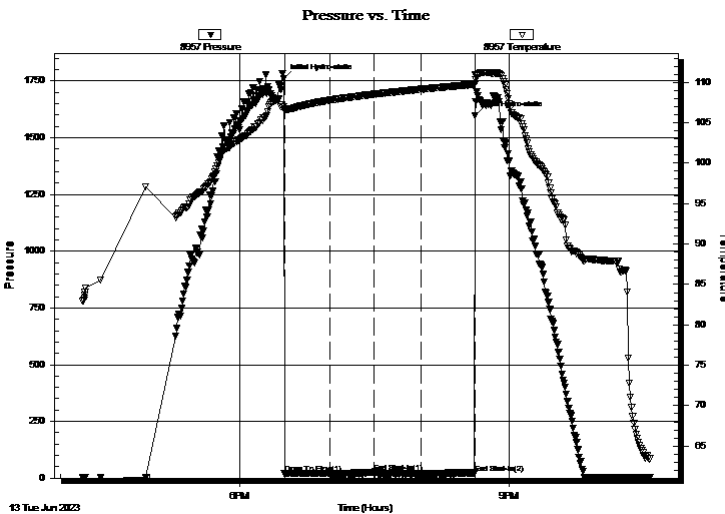
End Time: 22:33:59

Time On Btm: 2023.06.13 @ 18:29:15

Time Off Btm: 2023.06.13 @ 20:37:15

TEST COMMENT: IF-30- 1 Inch
IS-30-No return
FF-30-No blow
FS-30-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1759.49	107.00	Initial Hydro-static
1	19.43	106.50	Open To Flow (1)
32	22.29	107.79	Shut-In(1)
61	27.17	108.52	End Shut-In(1)
61	26.76	108.53	Open To Flow (2)
92	22.07	109.14	Shut-In(2)
128	23.34	109.75	End Shut-In(2)
128	1597.68	110.91	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	O Spotted M 100%M	0.07

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



DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

34-13-20w Ellis,KS

1952 Victoria Rd
Hays KS 67601

Henman #2

Job Ticket: 70335

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.06.13 @ 16:15:00

GENERAL INFORMATION:

Formation: **LKC A - F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:29:45

Time Test Ended: 22:34:00

Interval: **3523.00 ft (KB) To 3625.00 ft (KB) (TVD)**

Total Depth: 3625.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Terrance

Unit No: 75

Reference Elevations: 2268.00 ft (KB)

2260.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8320 Inside

Press@RunDepth: psig @ 3526.00 ft (KB)

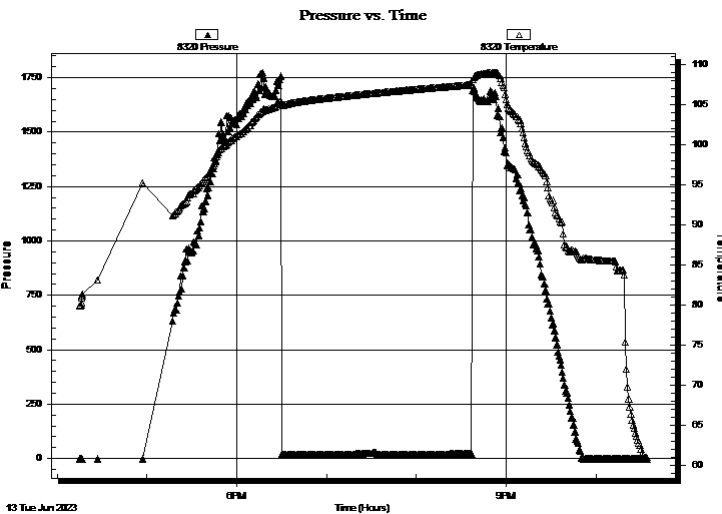
Capacity: 8000.00 psig

Start Date: 2023.06.13 End Date: 2023.06.13 Last Calib.: 2023.06.13

Start Time: 16:15:05 End Time: 22:34:14 Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- 1 Inch
IS-30-No return
FF-30-No blow
FS-30-No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	O Spotted M 100%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum LLC

34-13-20w Ellis,KS

1952 Victoria Rd
Hays KS 67601

Henman #2

Job Ticket: 70335

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.06.13 @ 16:15:00

Tool Information

Drill Pipe:	Length: 3508.00 ft	Diameter: 3.75 inches	Volume: 47.92 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	48000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3523.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	102.00 ft				
Tool Length:	128.00 ft				
Number of Packers:	2	Diameter: 6.88 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3502.00	
Hydraulic tool	5.00			3507.00	
EM Sub	3.00			3510.00	
Safety Joint	3.00			3513.00	
Packer	5.00			3518.00	26.00 Bottom Of Top Packer
Packer	5.00			3523.00	
Stubb	1.00			3524.00	
Perforations	1.00			3525.00	
Change Over Sub	1.00			3526.00	
Recorder	0.00	8957	Outside	3526.00	
Recorder	0.00	8320	Inside	3526.00	
Drill Pipe	94.00			3620.00	
Change Over Sub	1.00			3621.00	
Perforations	1.00			3622.00	
Bullnose	3.00			3625.00	102.00 Bottom Packers & Anchor

Total Tool Length: 128.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

34-13-20w Ellis,KS

1952 Victoria Rd
Hays KS 67601

Henman #2

Job Ticket: 70335

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.06.13 @ 16:15:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	O Spotted M 100%M	0.068

Total Length: 5.00 ft Total Volume: 0.068 bbl

Num Fluid Samples: 0

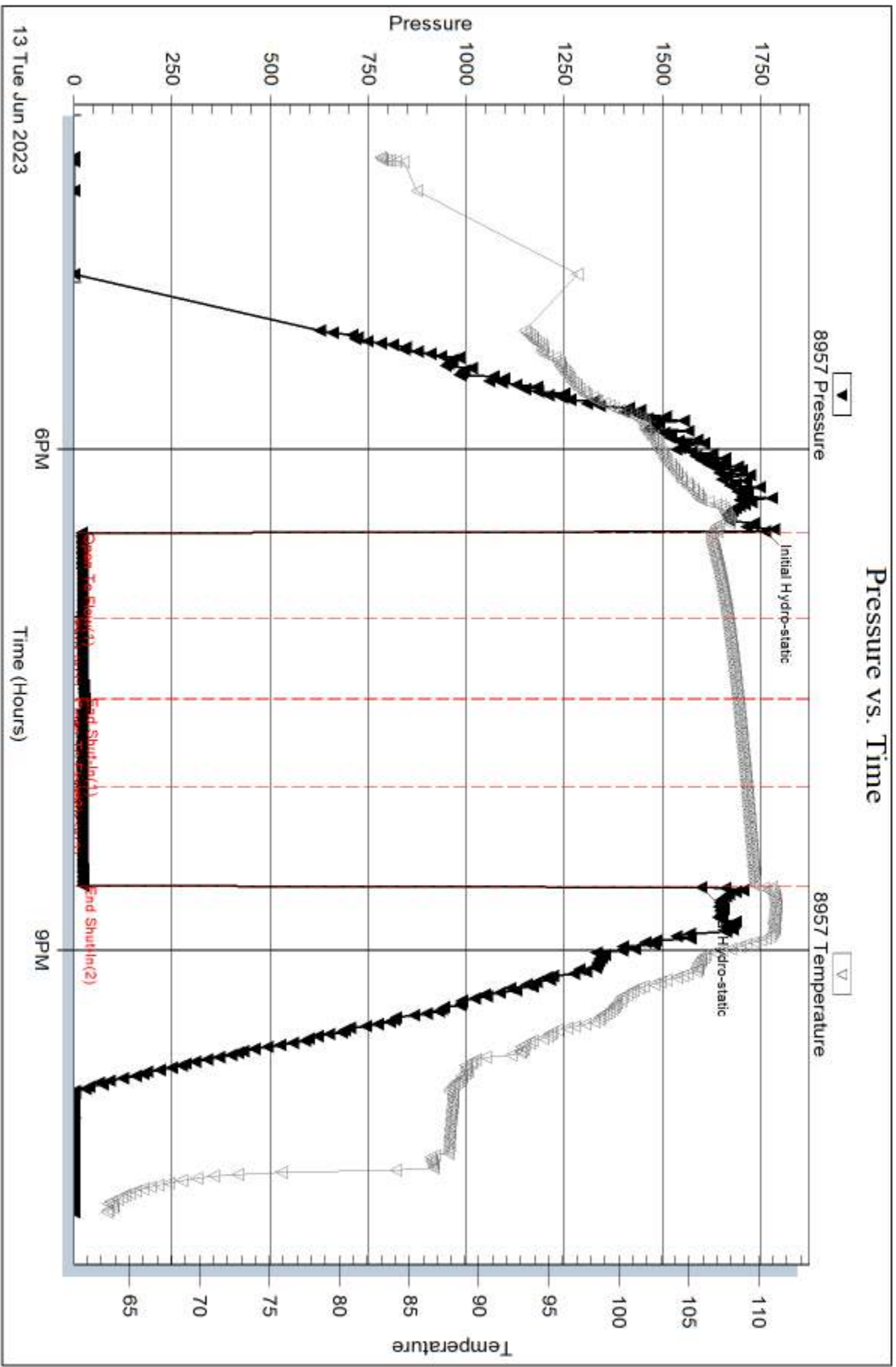
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



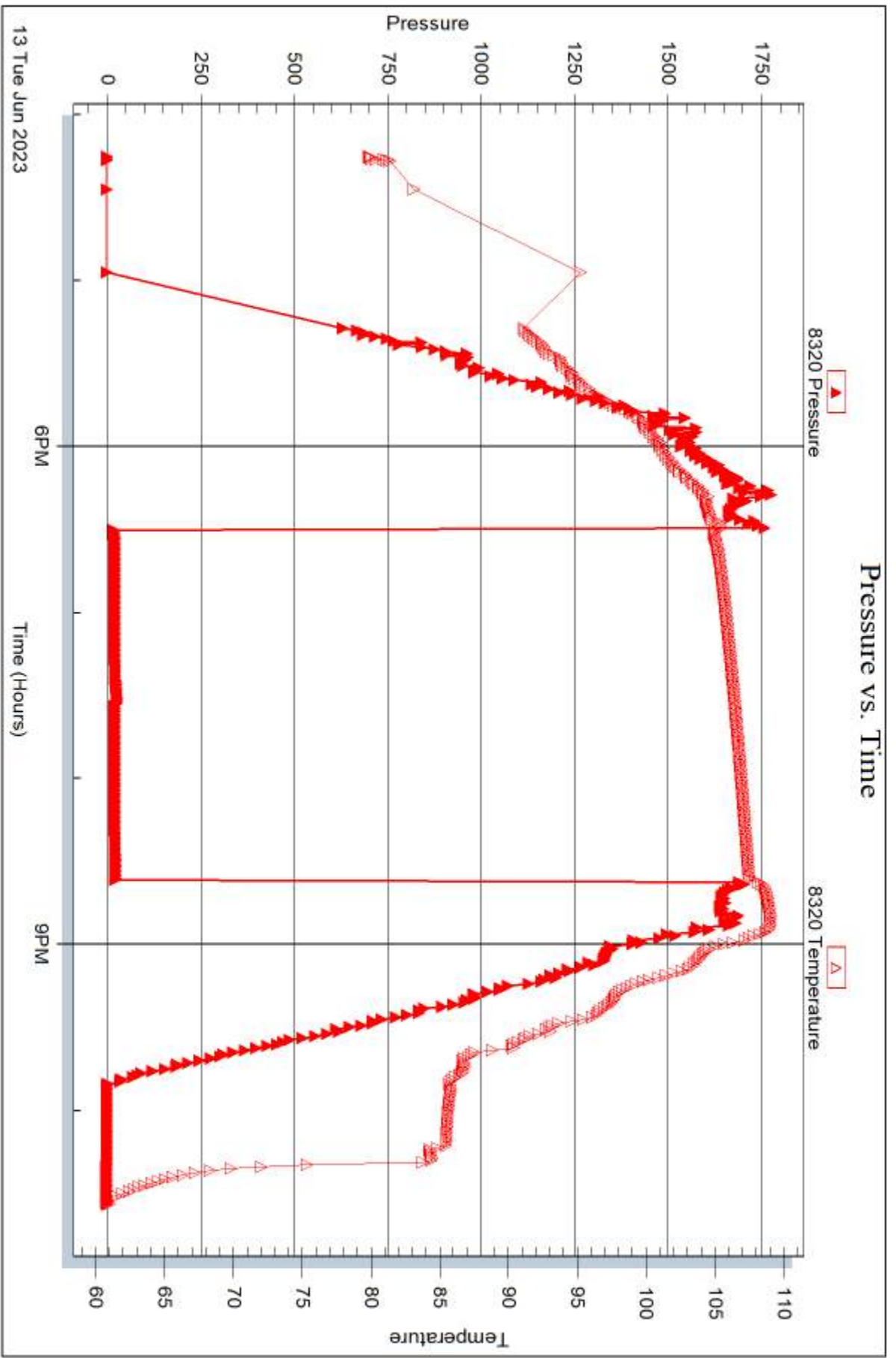
Serial #: 8320

Inside

Anchor Bay Petroleum LLC

Henman #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 70335

Printed: 2023.06.15 @ 15:49:26



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601

ATTN: Ed Glassman

Henman #2

34-13-20w Ellis,KS

Start Date: 2023.06.14 @ 18:40:00

End Date: 2023.06.15 @ 00:56:00

Job Ticket #: 70336 DST #: 2

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

Printed: 2023.06.15 @ 15:48:52



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

34-13-20w Ellis,KS

1952 Victoria Rd
Hays KS 67601

Henman #2

Job Ticket: 70336

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.06.14 @ 18:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:41:30

Time Test Ended: 00:56:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Terrance

Unit No: 75

Interval: 3828.00 ft (KB) To 3885.00 ft (KB) (TVD)

Reference Elevations: 2268.00 ft (KB)

Total Depth: 3625.00 ft (KB) (TVD)

2260.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8957 Outside

Press@RunDepth: 35.10 psig @ 3848.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.06.14

End Date:

2023.06.15

Last Calib.:

2023.06.15

Start Time: 18:40:05

End Time:

00:55:59

Time On Btm:

2023.06.14 @ 20:41:15

Time Off Btm:

2023.06.14 @ 22:16:15

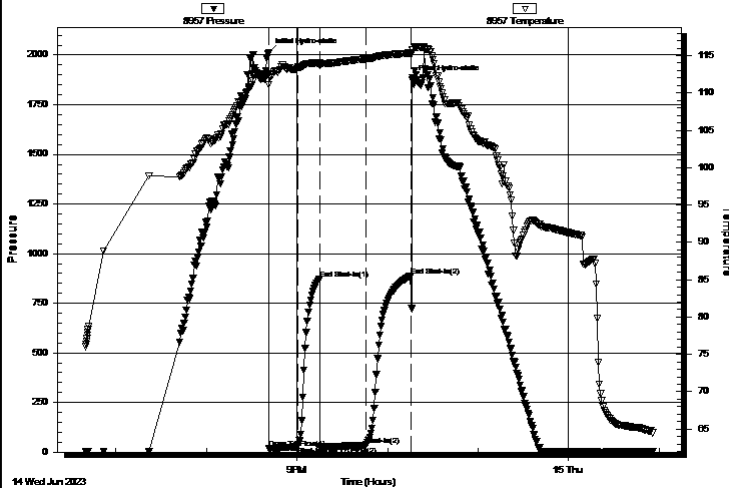
TEST COMMENT: IF-15-Surface blow

IS-15-No return

FF-30-1 Inch

FS-30-No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2010.20	112.49	Initial Hydro-static
1	19.82	111.08	Open To Flow (1)
20	29.00	113.38	Shut-In(1)
34	873.50	113.99	End Shut-In(1)
35	28.03	113.62	Open To Flow (2)
65	35.10	114.53	Shut-In(2)
95	888.49	115.33	End Shut-In(2)
95	1874.59	115.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	HOCM 50% OIL 50% MUD	0.55

Gas Rates

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

* Recovery from multiple tests



DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

34-13-20w Ellis,KS

1952 Victoria Rd
Hays KS 67601

Henman #2

Job Ticket: 70336

DST#: 2

ATTN: Ed Glassman

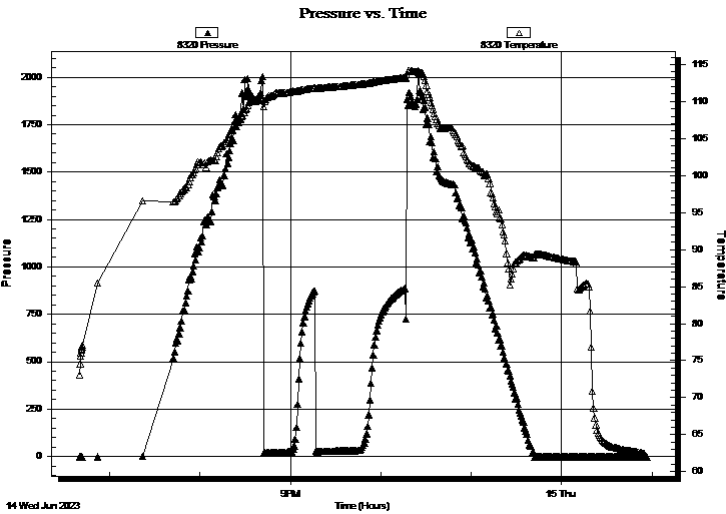
Test Start: 2023.06.14 @ 18:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 20:41:30
 Tester: Terrance
 Time Test Ended: 00:56:00
 Unit No: 75
Interval: 3828.00 ft (KB) To 3885.00 ft (KB) (TVD)
 Reference Elevations: 2268.00 ft (KB)
 Total Depth: 3625.00 ft (KB) (TVD)
 2260.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 8.00 ft

Serial #: 8320 **Inside**
 Press@RunDepth: psig @ 3848.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.06.14 End Date: 2023.06.15 Last Calib.: 1899.12.30
 Start Time: 18:40:05 End Time: 00:56:44 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-15-Surface blow
 IS-15-No return
 FF-30-1 Inch
 FS-30-No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
40.00	HOCM 50% OIL 50% MUD	0.55

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum LLC

34-13-20w Ellis,KS

1952 Victoria Rd
Hays KS 67601

Henman #2

Job Ticket: 70336

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.06.14 @ 18:40:00

Tool Information

Drill Pipe:	Length: 3820.00 ft	Diameter: 3.75 inches	Volume: 52.18 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	62000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3828.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	57.00 ft				
Tool Length:	83.00 ft				
Number of Packers:	2	Diameter: 6.88 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3807.00	
Hydraulic tool	5.00			3812.00	
EM Sub	3.00			3815.00	
Safety Joint	3.00			3818.00	
Packer	5.00			3823.00	26.00 Bottom Of Top Packer
Packer	5.00			3828.00	
Stubb	1.00			3829.00	
Perforations	18.00			3847.00	
Change Over Sub	1.00			3848.00	
Recorder	0.00	8957	Outside	3848.00	
Recorder	0.00	8320	Inside	3848.00	
Drill Pipe	32.00			3880.00	
Change Over Sub	1.00			3881.00	
Perforations	1.00			3882.00	
Bullnose	3.00			3885.00	57.00 Bottom Packers & Anchor

Total Tool Length: 83.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

34-13-20w Ellis,KS

1952 Victoria Rd
Hays KS 67601

Henman #2

Job Ticket: 70336

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.06.14 @ 18:40:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	HOCM 50%OIL 50%MUD	0.546

Total Length: 40.00 ft Total Volume: 0.546 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

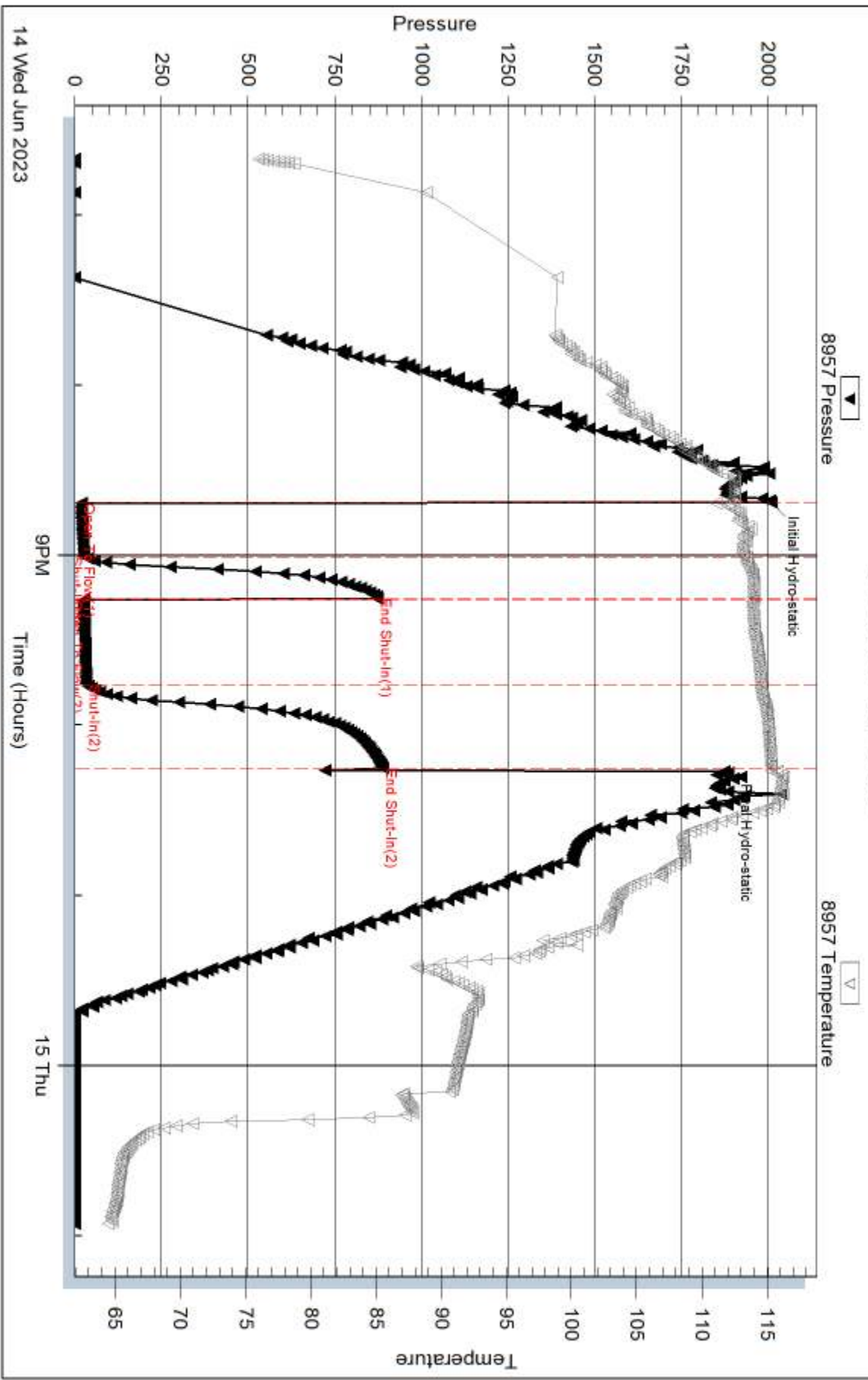
Serial #: 8957

Outside Anchor Bay Petroleum LLC

Henman #2

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 70336

Printed: 2023.06.15 @ 15:48:52

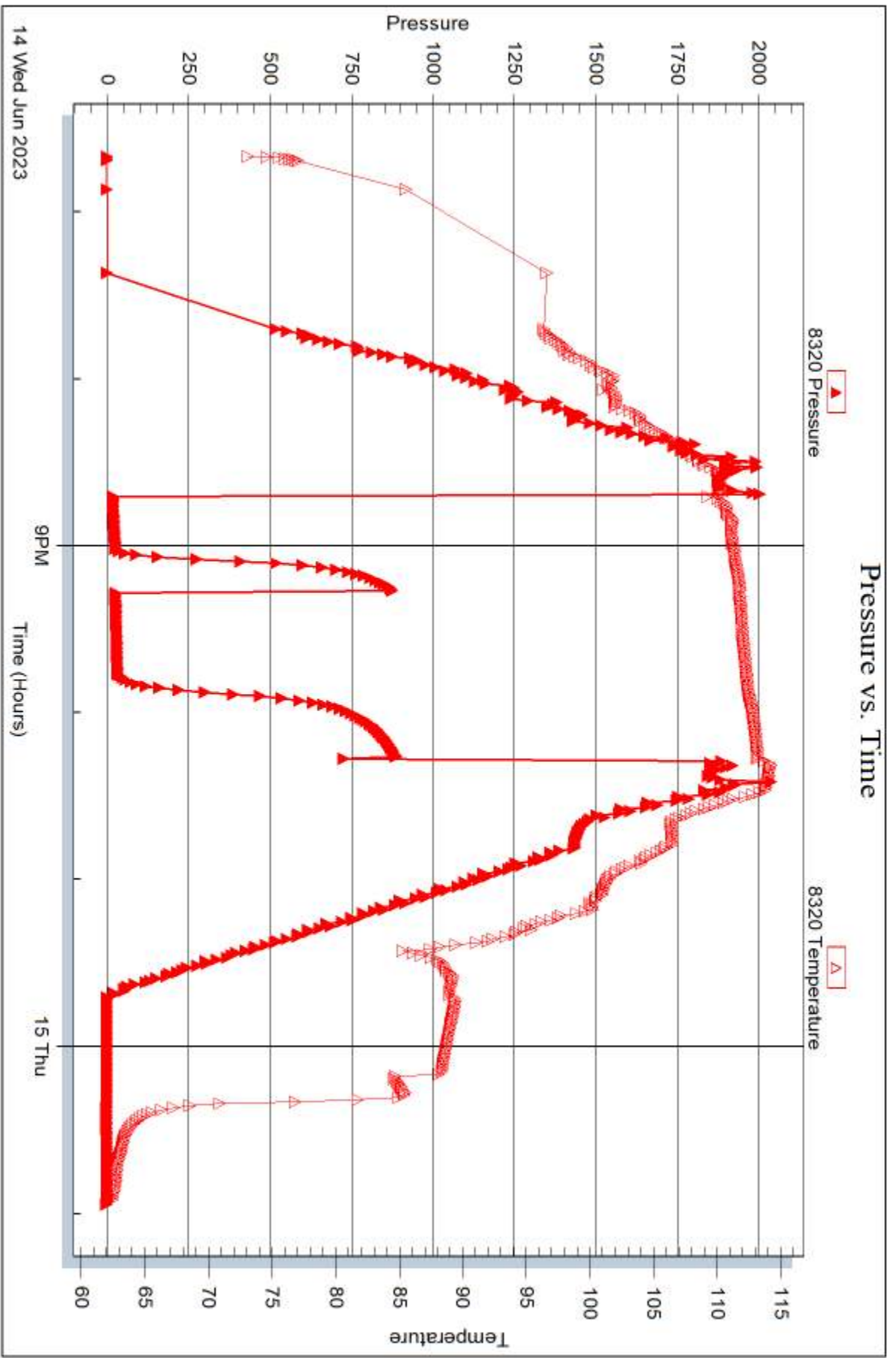
Serial #: 8320

Inside

Anchor Bay Petroleum LLC

Henman #2

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 70336

Printed: 2023.06.15 @ 15:48:53



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70335

Well Name & No. Henman #2 Test No. 1 Date 6-13-23
 Company Anchor Bay Petroleum LLC Elevation 2268 KB 2260 GL
 Address 1952 Victoria Rd Hays, KS 67601
 Co. Rep / Geo Ed Glassman Rig Discovery 2
 Location: Sec. 34 Twp 13 Rge. 20w Co. Ellis State KS

Interval Tested 3523 - 3625 Zone Tested LKC - A-F
 Anchor Length 102 Drill Pipe Run 3508 Mud Wt. 8.8
 Top Packer Depth 3518 Drill Collars Run - Vis 54
 Bottom Packer Depth 3523 Wt. Pipe Run - WL 58
 Total Depth 3625 Chlorides 7600 ppm System LCM 2
 Blow Description FF-30 - lynch
ISI-30 - No Return
FS-30 - No Blow
FSF-30 - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OSM</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 110 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 Initial Hydrostatic 1759 Test 1800 Ruined Shale Packer _____
 Initial Flow 19 to 22 Jars _____ Ruined Packer _____
 Initial Shut-In 27 Circ Sub _____ Hotel _____
 Final Flow 27 to 22 Hourly Standby _____ EM Tool Successful -350
 Final Shut-In 23 Mileage 20x2 70 Accessibility _____
 Final Hydrostatic 1598 Sampler _____ Gas Sample _____
 T-On Location 12:30 Straddle _____ Sub Total -350
 Initial Flow 30 T-Started 16:15 Shale Packer _____ Total 1520
 Initial Shut-In 30 T-Open 18:30 Extra Packer _____ Tool Loaded _____ @ _____
 Final Flow 30 T-Pulled 20:30 Extra Recorder _____ MP/DST Disc't _____
 Final Shut-In 30 T-Out 22:30 Day Standby _____

Comments _____

Approved By Thanks Our Representative Terrence Wickham

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70336

Well Name & No. Henman # 2 Test No. 2 Date 6-14-23
 Company Anchor Bay Petroleum LLC Elevation 2268 KB 2260 GL
 Address 1952 Victoria Rd Hays, Ks, 67601
 Co. Rep / Geo Ed Glassman Rig Discovery # 2
 Location: Sec. 34 Twp 13 Rge. 20w Co. Ellis State ks

Interval Tested 3828-3885 Zone Tested Arbuckle
 Anchor Length 57' Drill Pipe Run 3820 Mud Wt. 8.8
 Top Packer Depth 3423 Drill Collars Run - Vis 56
 Bottom Packer Depth 3824 Wt. Pipe Run - WL 5.8
 Total Depth 3885 Chlorides 7600 ppm System LCM 2
 Blow Description FF-15 - Surface Blow
ISI-15 - No Return
FF-30 - ~~Surface~~ Linch
FSI-30 - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>OCM</u>	<u>50</u>		<u>50</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 113 Gravity _____ API RW _____ @ _____ *F Chlorides _____ ppm
 Initial Hydrostatic 2010 Test 1800 Ruined Shale Packer _____
 Initial Flow 20 to 29 Jars _____ Ruined Packer _____
 Initial Shut-In 874 Circ Sub _____ Hotel _____
 Final Flow 28 to 35 Hourly Standby _____ EM Tool Successful -175
 Final Shut-In 889 Mileage 20 x 2 70 + 70 Accessibility _____
 Final Hydrostatic 1874 Sampler _____ Gas Sample _____
 T- On Location 17:30 Straddle _____ Sub Total -175
 Initial Flow 15 T-Started 18:40 Shale Packer _____ Total 1765
 Initial Shut-In 15 T-Open 20:45 Extra Packer _____ Tool Loaded 6/15 @ 12:30
 Final Flow 30 T-Pulled 22:15 Extra Recorder _____ MP/DST Disc't _____
 Final Shut-In 30 T-Out 01:00 Day Standby _____

Comments _____

Approved By Thanks! Our Representative Terrence Wickham

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