



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum, LLC**

1952 Victoria Rd
Hays KS 67601

ATTN: Ed Glassmann

Jane #2

S1-11S-17W Ellis,KS

Start Date: 2017.06.28 @ 23:21:00

End Date: 2017.06.29 @ 03:47:15

Job Ticket #: 62982 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Anchor Bay Petroleum, LLC

S1-11S-17W Ellis,KS

1952 Victoria Rd
Hays KS 67601

Jane #2

Job Ticket: 62982

DST#: 3

ATTN: Ed Glassmann

Test Start: 2017.06.28 @ 23:21:00

GENERAL INFORMATION:

Formation: **Chert Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:51:45

Time Test Ended: 03:47:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J. Staab

Unit No: 84

Interval: 3357.00 ft (KB) To 3410.00 ft (KB) (TVD)

Reference Elevations: 1902.00 ft (KB)

Total Depth: 3410.00 ft (KB) (TVD)

1897.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8934

Inside

Press@RunDepth: 27.95 psig @ 3358.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.28

End Date:

2017.06.29

Last Calib.:

2017.06.29

Start Time: 23:21:15

End Time:

03:47:15

Time On Btm:

2017.06.29 @ 00:51:30

Time Off Btm:

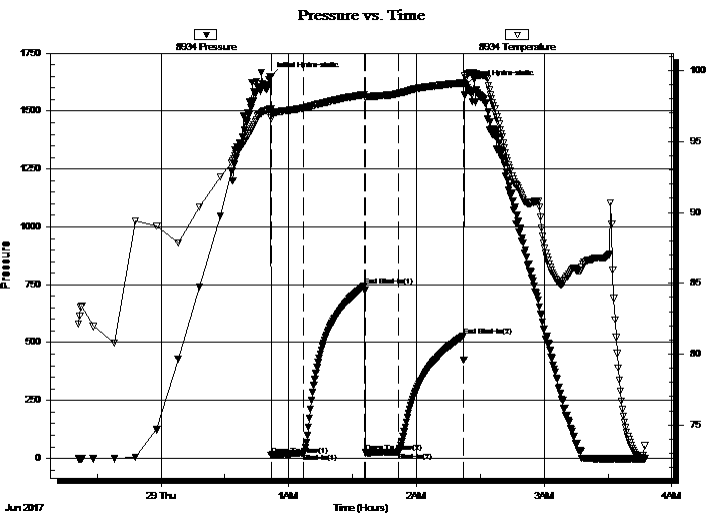
2017.06.29 @ 02:23:15

TEST COMMENT: 15-IF-Weak Blow ; Built from surface to 1 1/4"

30-ISI-No Return

15-FF-No Blow

30-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.50	97.31	Initial Hydro-static
1	14.18	96.64	Open To Flow (1)
16	22.40	97.35	Shut-In(1)
44	743.79	98.31	End Shut-In(1)
45	24.61	98.07	Open To Flow (2)
61	27.95	98.39	Shut-In(2)
91	528.47	99.13	End Shut-In(2)
92	1613.52	99.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	OCM 2% O 98%M	0.12

* Recovery from multiple tests

Gas Rates

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



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TOOL DIAGRAM

Anchor Bay Petroleum, LLC

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1952 Victoria Rd
Hays KS 67601

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Job Ticket: 62982

DST#: 3

ATTN: Ed Glassmann

Test Start: 2017.06.28 @ 23:21:00

Tool Information

Drill Pipe:	Length: 3325.00 ft	Diameter: 3.80 inches	Volume: 46.64 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 32.00 ft	Diameter: 2.25 inches	Volume: 0.16 bbl	Weight to Pull Loose:	48000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
			- bbl	String Weight: Initial	47000.00 lb
Drill Pipe Above KB:	20.00 ft			Final	47000.00 lb
Depth to Top Packer:	3357.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	53.00 ft				
Tool Length:	73.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3338.00	
Shut In Tool	5.00			3343.00	
Hydraulic tool	5.00			3348.00	
Packer	5.00			3353.00	20.00 Bottom Of Top Packer
Packer	4.00			3357.00	
Stubb	1.00			3358.00	
Recorder	0.00	9120	Inside	3358.00	
Recorder	0.00	8934	Inside	3358.00	
Perforations	1.00			3359.00	
Change Over Sub	1.00			3360.00	
Drill Pipe	31.00			3391.00	
Change Over Sub	1.00			3392.00	
Perforations	14.00			3406.00	
Bullnose	4.00			3410.00	53.00 Bottom Packers & Anchor

Total Tool Length: 73.00



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FLUID SUMMARY

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1952 Victoria Rd
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Jane #2

Job Ticket: 62982

DST#: 3

ATTN: Ed Glassmann

Test Start: 2017.06.28 @ 23:21:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	OCM 2% O 98%M	0.123

Total Length: 25.00 ft Total Volume: 0.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1/2#LCM

Serial #: 8934

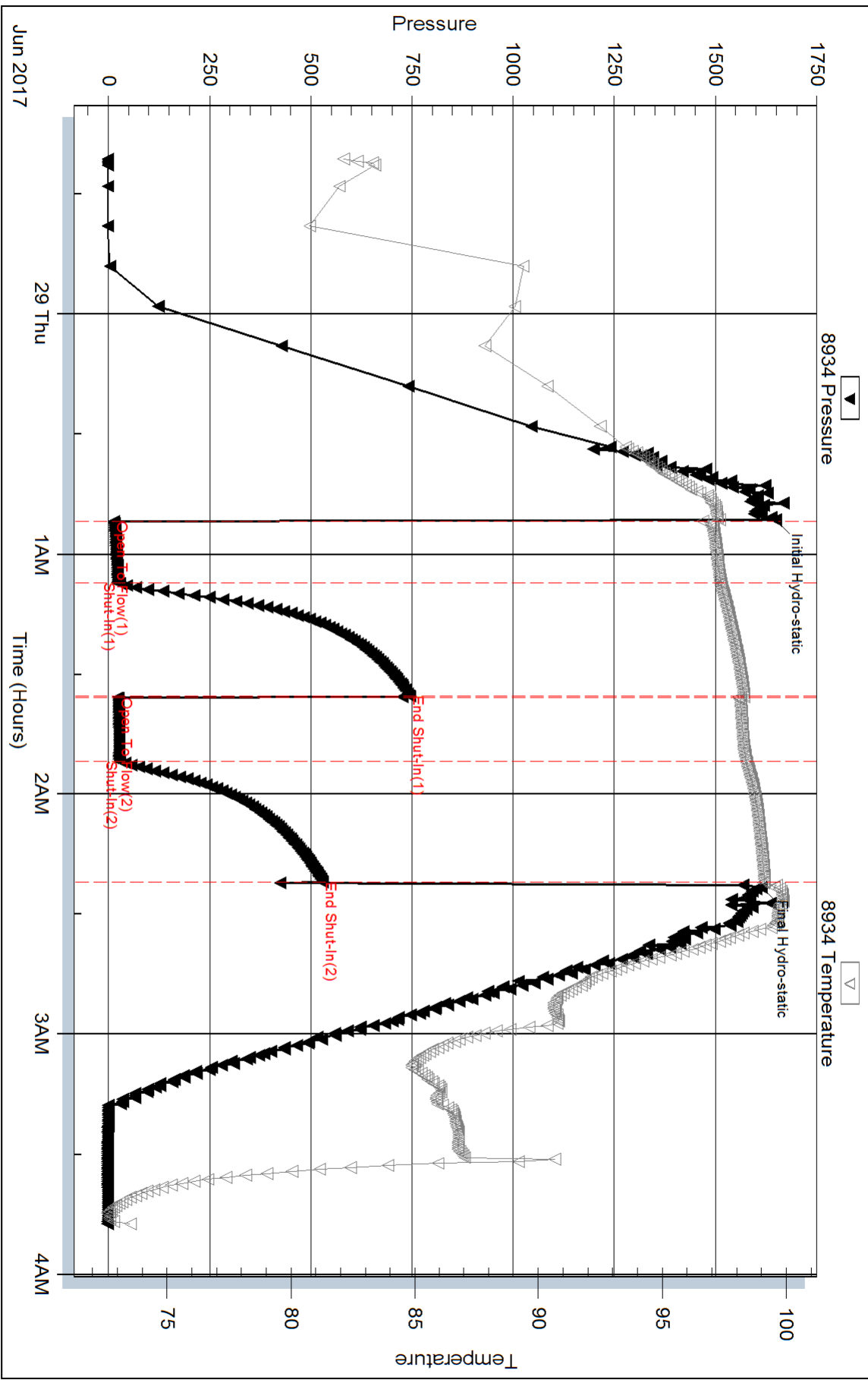
Inside

Anchor Bay Petroleum, LLC

Jane #2

DST Test Number: 3

Pressure vs. Time



Serial #: 9120

Inside

Anchor Bay Petroleum, LLC

Jane #2

DST Test Number: 3

