



DRILL STEM TEST REPORT

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

1952 Victoria Rd.
Hays, KS 67601

ATTN: Ed Glassman

Rankin #1

33-13S-20W Ellis,KS

Start Date: 2019.11.25 @ 05:42:40

End Date: 2019.11.25 @ 11:43:31

Job Ticket #: 59444 DST #: 1

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

Printed: 2019.11.29 @ 12:34:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59444

DST#: 1

ATTN: Ed Glassman

Test Start: 2019.11.25 @ 05:42:40

GENERAL INFORMATION:

Formation: **LKC "D-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:43:46

Time Test Ended: 11:43:31

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3599.00 ft (KB) To 3628.00 ft (KB) (TVD)

Reference Elevations: 2278.00 ft (KB)

Total Depth: 3628.00 ft (KB) (TVD)

2273.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press@RunDepth: 18.30 psig @ 3600.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.11.25 End Date: 2019.11.25

Last Calib.: 2019.11.25

Start Time: 05:42:41 End Time: 11:43:31

Time On Btm: 2019.11.25 @ 08:42:46

Time Off Btm: 2019.11.25 @ 10:15:01

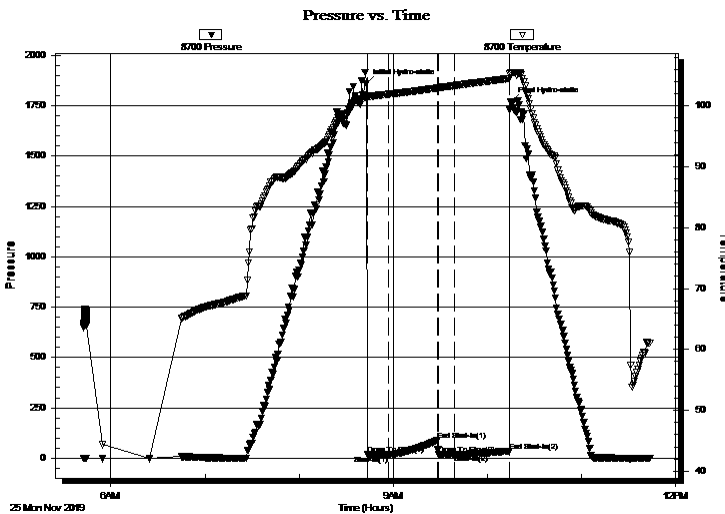
TEST COMMENT: 15- IF- Slowly built to 0.98"

30- IS- No blow

15- FF- No blow

30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1857.77	101.71	Initial Hydro-static
1	17.29	101.45	Open To Flow (1)
15	16.37	101.91	Shut-In(1)
46	89.91	102.91	End Shut-In(1)
46	17.47	102.95	Open To Flow (2)
57	18.30	103.33	Shut-In(2)
92	34.91	104.49	End Shut-In(2)
93	1767.46	105.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM	0.07

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59444

DST#: 1

ATTN: Ed Glassman

Test Start: 2019.11.25 @ 05:42:40

GENERAL INFORMATION:

Formation: **LKC "D-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:43:46

Time Test Ended: 11:43:31

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3599.00 ft (KB) To 3628.00 ft (KB) (TVD)

Reference Elevations: 2278.00 ft (KB)

Total Depth: 3628.00 ft (KB) (TVD)

2273.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: psig @ 3600.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.11.25

End Date:

2019.11.25

Last Calib.:

2019.11.25

Start Time: 05:42:22

End Time:

11:42:57

Time On Btm:

Time Off Btm:

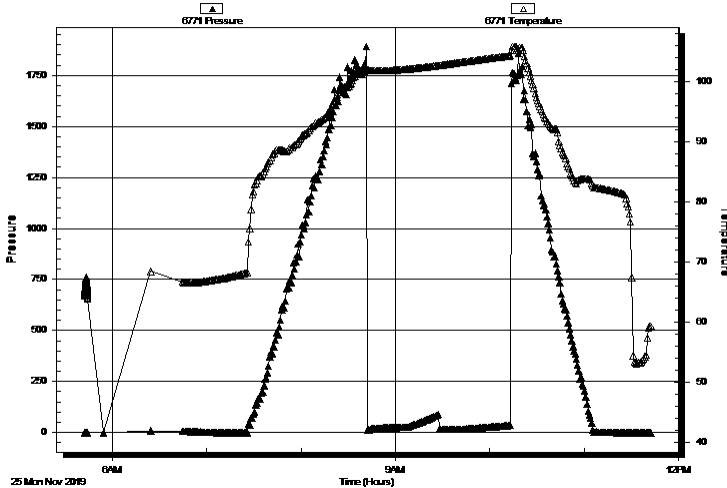
TEST COMMENT: 15- IF- Slowly built to 0.98"

30- IS- No blow

15- FF- No blow

30- FS- No blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM	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

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59444

DST#: 1

ATTN: Ed Glassman

Test Start: 2019.11.25 @ 05:42:40

Tool Information

Drill Pipe:	Length: 3583.00 ft	Diameter: 3.82 inches	Volume: 50.79 bbl	Tool Weight: 2000.00 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: 45000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3599.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	49.00 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			3580.00	
Shut In Tool	5.00			3585.00	
Hydraulic tool	5.00			3590.00	
Packer	5.00			3595.00	20.00 Bottom Of Top Packer
Packer	4.00			3599.00	
Stubb	1.00			3600.00	
Recorder	0.00	6771	Inside	3600.00	
Recorder	0.00	8700	Outside	3600.00	
Perforations	25.00			3625.00	
Bullnose	3.00			3628.00	29.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59444

DST#: 1

ATTN: Ed Glassman

Test Start: 2019.11.25 @ 05:42:40

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM	0.071

Total Length: 5.00 ft Total Volume: 0.071 bbl

Num Fluid Samples: 0

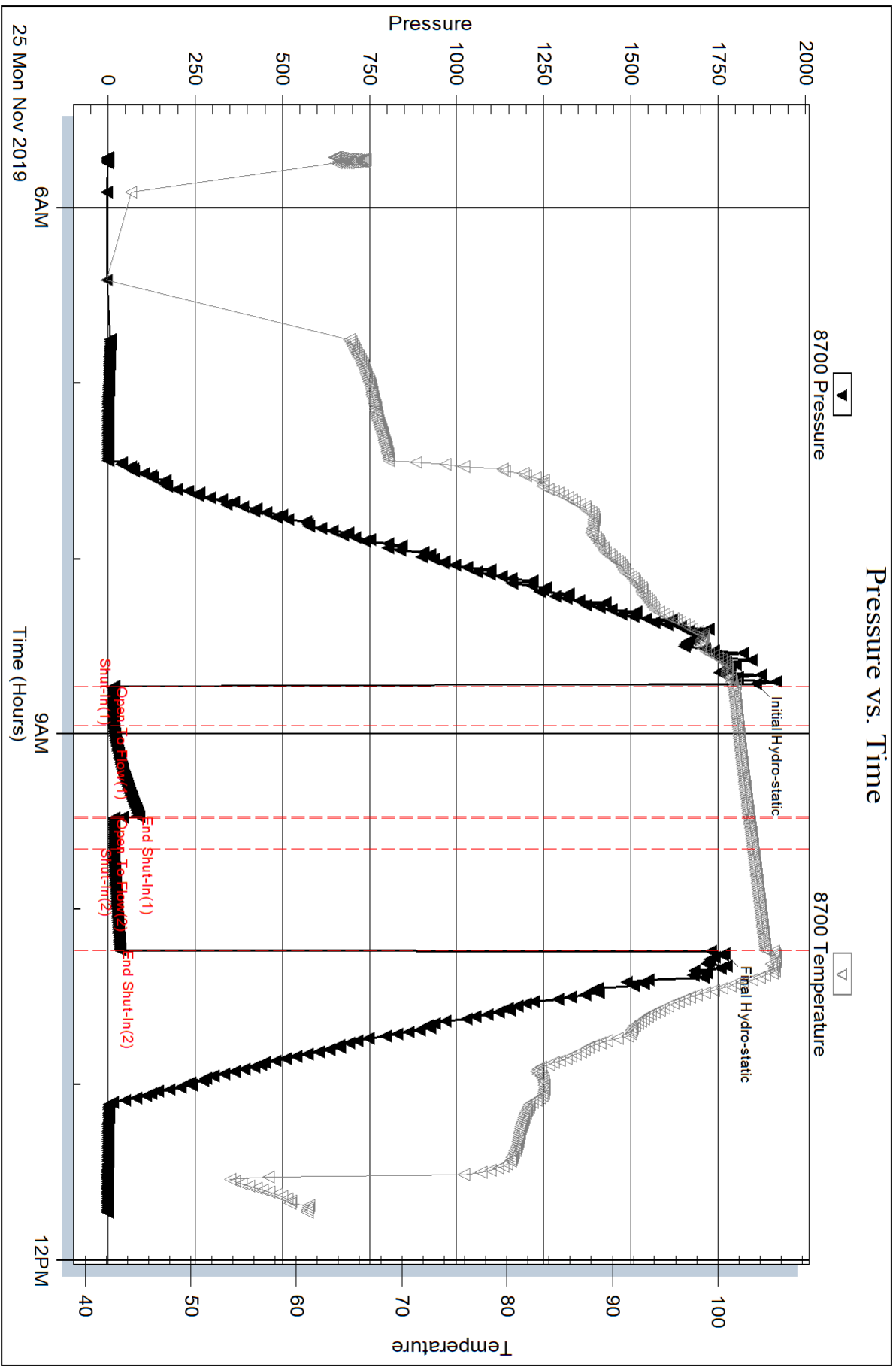
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



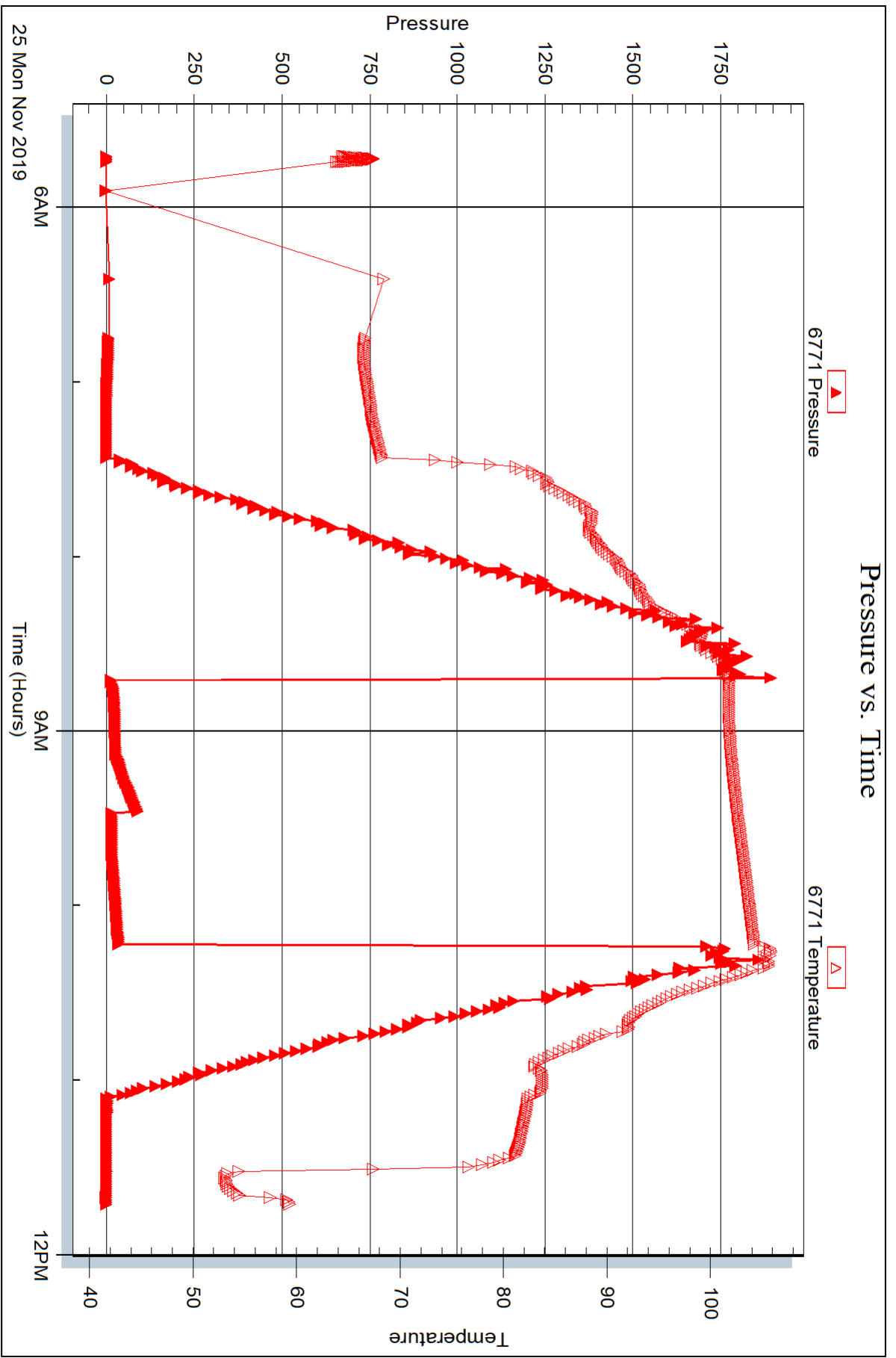
Serial #: 6771

Inside

Anchor Bay Petroleum, LLC

Rankin #1

DST Test Number: 1





DRILL STEM TEST REPORT

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

1952 Victoria Rd.
Hays, KS 67601

ATTN: Ed Glassman

Rankin #1

33-13S-20W Ellis,KS

Start Date: 2019.11.26 @ 02:19:48

End Date: 2019.11.26 @ 08:36:09

Job Ticket #: 59445 DST #: 2

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

Printed: 2019.11.29 @ 12:30:22

Anchor Bay Petroleum, LLC
33-13S-20W Ellis,KS
Rankin #1
DST # 2
LKC "I-L"
2019.11.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59445

DST#: 2

ATTN: Ed Glassman

Test Start: 2019.11.26 @ 02:19:48

GENERAL INFORMATION:

Formation: **LKC "I-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:50:39

Time Test Ended: 08:36:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3712.00 ft (KB) To 3795.00 ft (KB) (TVD)

Reference Elevations: 2278.00 ft (KB)

Total Depth: 3795.00 ft (KB) (TVD)

2273.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8700

Outside

Press@RunDepth: 32.55 psig @ 3713.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.11.26

End Date:

2019.11.26

Last Calib.:

2019.11.26

Start Time: 02:19:49

End Time:

08:36:09

Time On Btm:

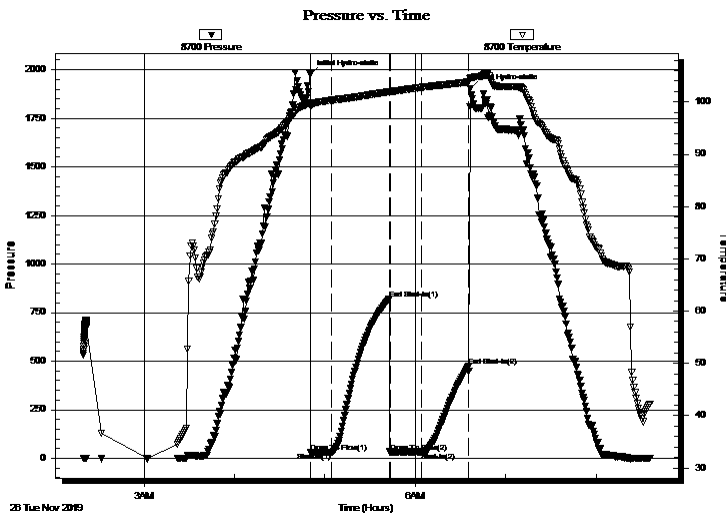
2019.11.26 @ 04:50:24

Time Off Btm:

2019.11.26 @ 06:36:39

TEST COMMENT: 15- IF- Surface blow
30- IS- No blow
30- FF- Surface blow
30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1977.20	99.89	Initial Hydro-static
1	30.96	99.24	Open To Flow (1)
14	31.18	100.34	Shut-In(1)
53	819.48	101.97	End Shut-In(1)
53	30.62	101.94	Open To Flow (2)
74	32.55	102.81	Shut-In(2)
105	473.75	103.83	End Shut-In(2)
107	1902.36	104.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	M	0.43

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59445

DST#: 2

ATTN: Ed Glassman

Test Start: 2019.11.26 @ 02:19:48

Tool Information

Drill Pipe:	Length: 3709.00 ft	Diameter: 3.82 inches	Volume: 52.58 bbl	Tool Weight: 2000.00 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: 42000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3712.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3693.00	
Shut In Tool	5.00			3698.00	
Hydraulic tool	5.00			3703.00	
Packer	5.00			3708.00	20.00 Bottom Of Top Packer
Packer	4.00			3712.00	
Stubb	1.00			3713.00	
Recorder	0.00	6771	Inside	3713.00	
Recorder	0.00	8700	Outside	3713.00	
Perforations	13.00			3726.00	
Change Over Sub	1.00			3727.00	
Drill Pipe	64.00			3791.00	
Change Over Sub	1.00			3792.00	
Bullnose	3.00			3795.00	83.00 Bottom Packers & Anchor

Total Tool Length: 103.00



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59445

DST#: 2

ATTN: Ed Glassman

Test Start: 2019.11.26 @ 02:19:48

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	M	0.425

Total Length: 30.00 ft Total Volume: 0.425 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

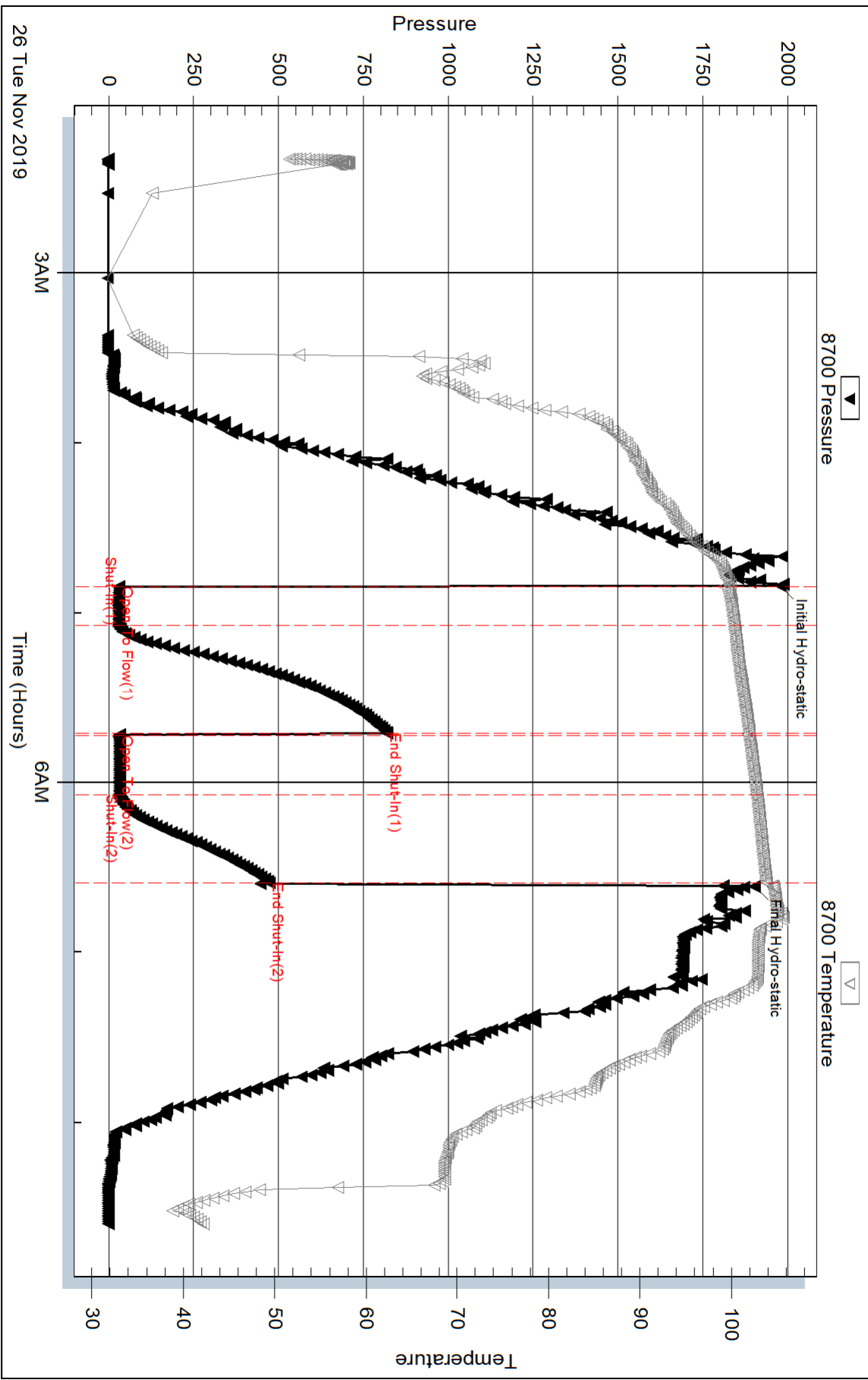
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



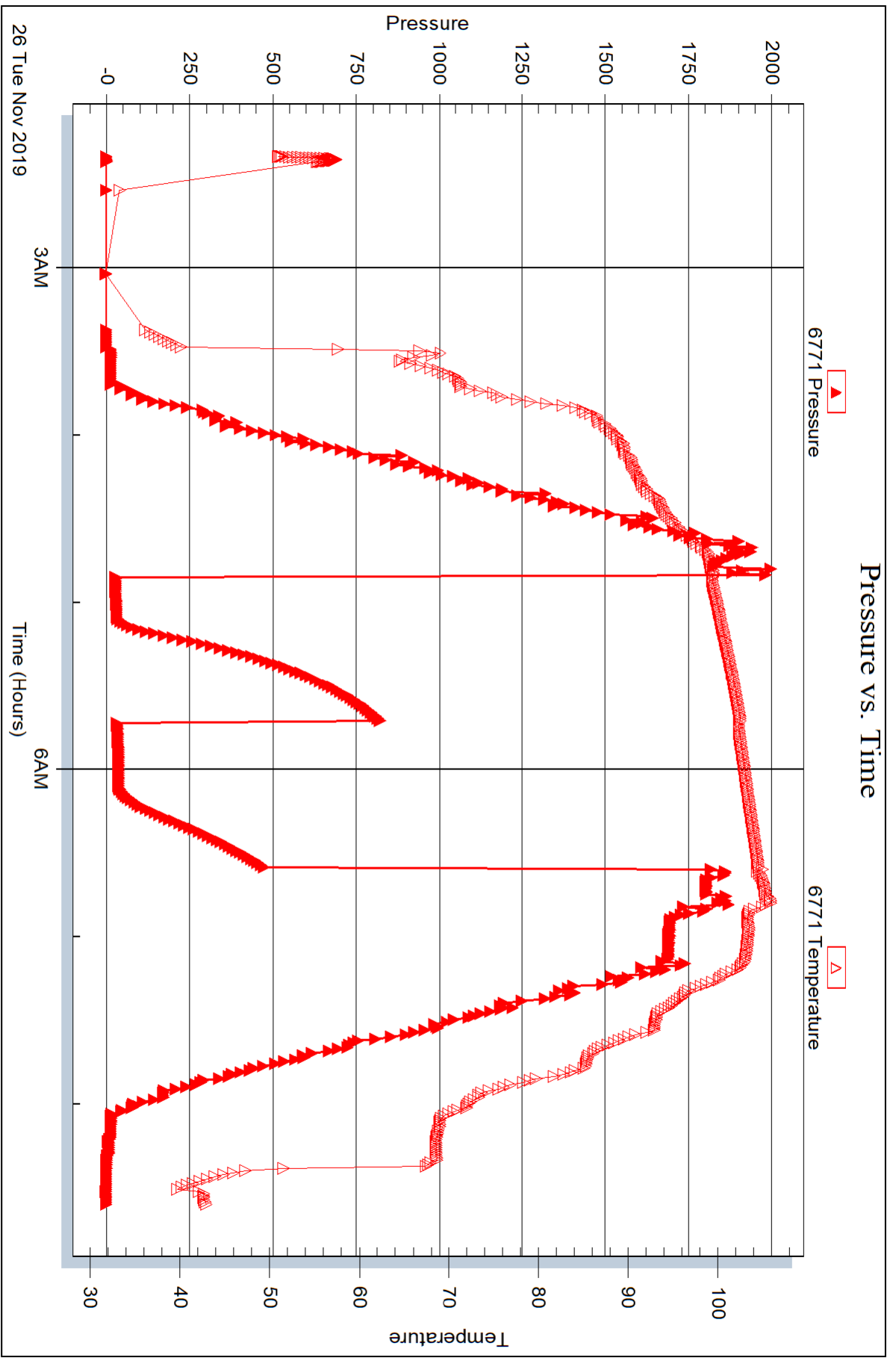
Serial #: 6771

Inside

Anchor Bay Petroleum, LLC

Rankin #1

DST Test Number: 2





DRILL STEM TEST REPORT

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

1952 Victoria Rd.
Hays, KS 67601

ATTN: Ed Glassman

Rankin #1

33-13S-20W Ellis,KS

Start Date: 2019.11.26 @ 20:46:23

End Date: 2019.11.27 @ 05:06:44

Job Ticket #: 59446 DST #: 3

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

Printed: 2019.11.29 @ 12:13:41



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59446

DST#: 3

ATTN: Ed Glassman

Test Start: 2019.11.26 @ 20:46:23

GENERAL INFORMATION:

Formation: **Cong./Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:15:14

Time Test Ended: 05:06:44

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3821.00 ft (KB) To 3891.00 ft (KB) (TVD)

Reference Elevations: 2278.00 ft (KB)

Total Depth: 3891.00 ft (KB) (TVD)

2273.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8700 Outside

Press@RunDepth: 35.51 psig @ 3822.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.11.26 End Date: 2019.11.27

Last Calib.: 2019.11.27

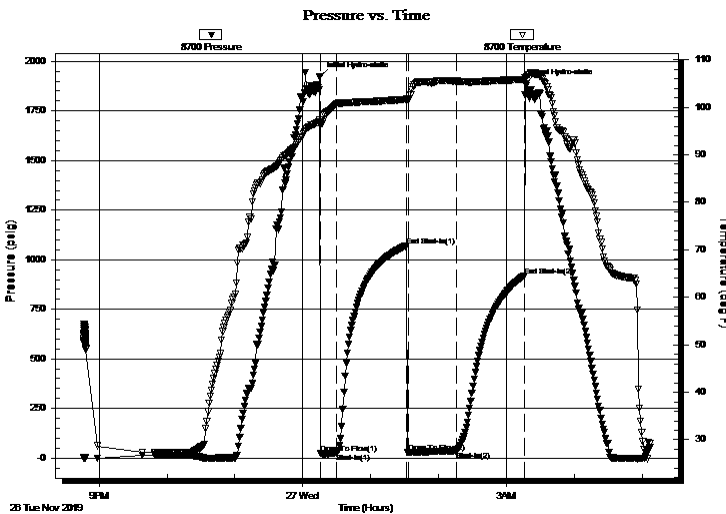
Start Time: 20:46:24 End Time: 05:06:44

Time On Btm: 2019.11.27 @ 00:14:59

Time Off Btm: 2019.11.27 @ 03:16:44

TEST COMMENT: 15- IF- Slow ly built to 3"
60- IS- No blow
45- FF- Slow ly built to 4"
60- FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1924.35	97.25	Initial Hydro-static
1	22.78	96.09	Open To Flow (1)
15	23.79	100.73	Shut-In(1)
77	1069.69	101.67	End Shut-In(1)
79	27.56	101.84	Open To Flow (2)
121	35.51	105.50	Shut-In(2)
181	918.71	105.88	End Shut-In(2)
182	1887.20	106.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM, 25%O 75%M	0.71
0.00	10' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59446

DST#: 3

ATTN: Ed Glassman

Test Start: 2019.11.26 @ 20:46:23

Tool Information

Drill Pipe:	Length: 3805.00 ft	Diameter: 3.82 inches	Volume: 53.94 bbl	Tool Weight: 2000.00 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: 42000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3821.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	90.00 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			3802.00	
Shut In Tool	5.00			3807.00	
Hydraulic tool	5.00			3812.00	
Packer	5.00			3817.00	20.00 Bottom Of Top Packer
Packer	4.00			3821.00	
Stubb	1.00			3822.00	
Recorder	0.00	6771	Inside	3822.00	
Recorder	0.00	8700	Outside	3822.00	
Perforations	2.00			3824.00	
Change Over Sub	1.00			3825.00	
Drill Pipe	62.00			3887.00	
Change Over Sub	1.00			3888.00	
Bullnose	3.00			3891.00	70.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum, LLC

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

Rankin #1

Job Ticket: 59446

DST#: 3

ATTN: Ed Glassman

Test Start: 2019.11.26 @ 20:46:23

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: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	OCM, 25%O 75%M	0.709
0.00	10' GIP	0.000

Total Length: 50.00 ft Total Volume: 0.709 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

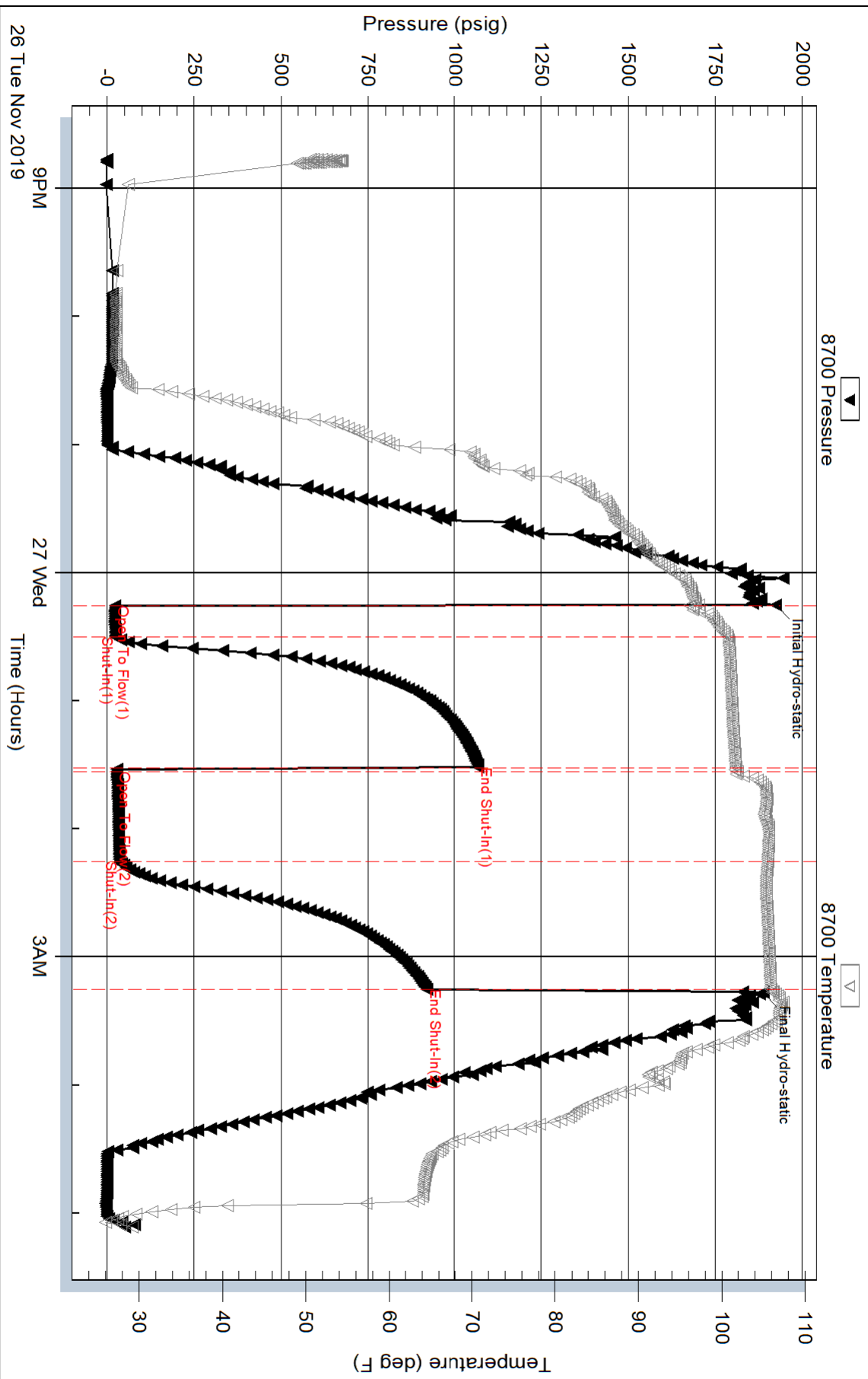
Serial #: 8700

Outside Anchor Bay Petroleum, LLC

Rankin #1

DST Test Number: 3

Pressure vs. Time



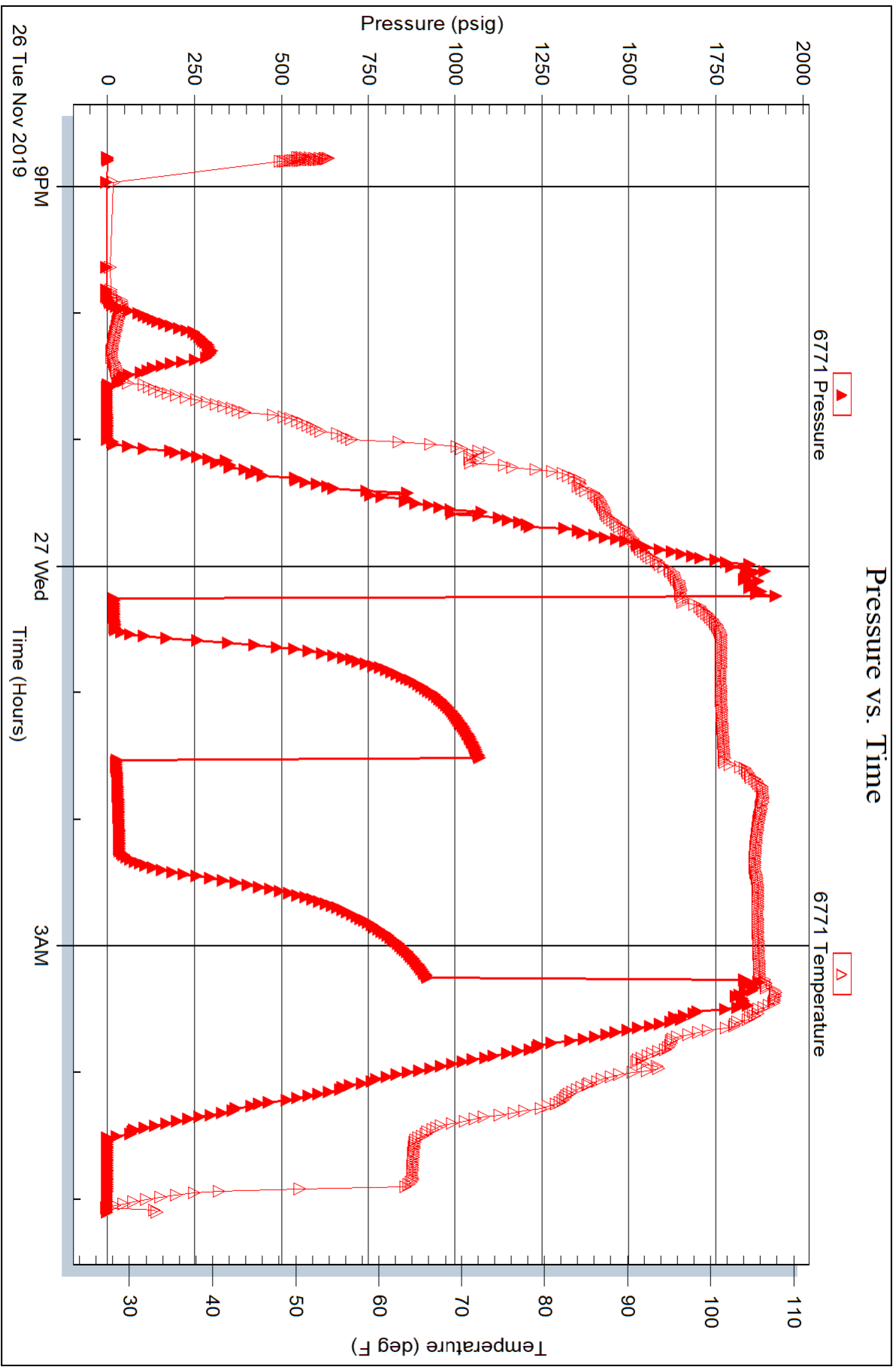
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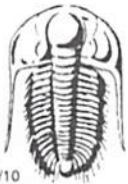
Inside

Anchor Bay Petroleum, LLC

Rankin #1

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59444

Well Name & No. Rankin #1 Test No. 1 Date 11/25/19
 Company Anchor Bay Petroleum, LLC Elevation 2278 KB 2273 GL
 Address 1952 Victoria, Rd. Hays, KS 67601
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 33 Twp. 13 S Rge. 20 W Co. Ellis State KS

Interval Tested 3599-2628 Zone Tested LKC "D-F"
 Anchor Length 29' Drill Pipe Run 3583 Mud Wt. 8.7
 Top Packer Depth 3594 Drill Collars Run --- Vis 46
 Bottom Packer Depth 3599 Wt. Pipe Run --- WL 6.4
 Total Depth 3628 Chlorides 1,400 ppm System LCM 2#

Blow Description IF - slowly built to 0.98"
ISI - No blow
FF - No blow
FST - No blow

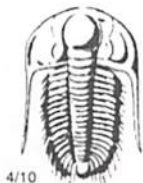
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OSM</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 105° Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1858 Test 1200 T-On Location 0523
 (B) First Initial Flow 16 Jars _____ T-Started 0542
 (C) First Final Flow 16 Safety Joint _____ T-Open 0842
 (D) Initial Shut-In 90 Circ Sub _____ T-Pulled 1012
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 1143
 (F) Second Final Flow 18 Mileage 40 RT 40 Comments _____
 (G) Final Shut-In 90 Sampler _____
 (H) Final Hydrostatic 1767 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1240
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1240

Approved By _____ Our Representative Brannan Lonsdale

Trilobite Testing Inc. shall not be liable for damaged of any kind of the 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. 59445

Well Name & No. Rankin #1 Test No. 2 Date 11/26/19
 Company Anchor Bay Petroleum, LLC Elevation 2278 KB 2273 GL
 Address 1952 Victoria Rd. Hays, KS 67601
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 33 Twp. 13 S Rge. 20 W. No. Ellis State KS

Interval Tested 3712 - 3795 Zone Tested LKC "I-2"
 Anchor Length 83' Drill Pipe Run 3709 Mud Wt. 9.3
 Top Packer Depth 3707 Drill Collars Run --- Vis 61
 Bottom Packer Depth 3712 Wt. Pipe Run --- WL 6.8
 Total Depth 3795 Chlorides 1,800 ppm System LCM 2⁺

Blow Description IF - Surface blow
ISJ - No blow
FF - Surface blow
FSJ - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>M</u>				

Rec Total 30' BHT 104° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1977 Test 1200 T-On Location 0155
 (B) First Initial Flow 31 Jars --- T-Started 0220
 (C) First Final Flow 31 Safety Joint --- T-Open 0451
 (D) Initial Shut-In 819 Circ Sub --- T-Pulled 0636
 (E) Second Initial Flow 31 Hourly Standby --- T-Out 0837
 (F) Second Final Flow 33 Mileage 40 RT 40 Comments ---
 (G) Final Shut-In 474 Sampler ---
 (H) Final Hydrostatic 1902 Straddle --- Ruined Shale Packer ---

Initial Open 15 Shale Packer --- Ruined Packer ---
 Initial Shut-In 30 Extra Packer --- Extra Copies ---
 Final Flow 30 Extra Recorder --- Sub Total 0
 Final Shut-In 30 Day Standby --- Total 1240
 Accessibility --- MP/DST Disc't ---
 Sub Total 1240

Approved By _____ Our Representative Brannan Lonsdale

Trilobite Testing Inc. shall not be liable for damaged of any kind of the 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. 59446

Well Name & No. Bankin #1 Test No. 3 Date 11/26/19
 Company Anchor Bay Petroleum, LLC Elevation 2278 KB 2273 GL
 Address 1952 Victoria Rd. Hays, KS 67601
 Co. Rep / Geo. Ed Glessman Rig White Knight
 Location: Sec. 33 Twp. 13 S Rge. 20 W Co. Ellis State KS

Interval Tested 3821-3891 Zone Tested Cong. / Arbuckle
 Anchor Length 70' Drill Pipe Run 3805 Mud Wt. 9.3
 Top Packer Depth 3816 Drill Collars Run --- Vis 56
 Bottom Packer Depth 3821 Wt. Pipe Run --- WL 7.2
 Total Depth 3891 Chlorides 1900 ppm System LCM 1#

Blow Description IF - slowly built to 3"
ISI - No blow
PF - slowly built to 4"
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>OCM</u>	<u>25</u>		<u>75</u>	
	<u>10' GIP</u>				

Rec Total 50' BHT 106° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1924 Test 1200 T-On Location 2025
 (B) First Initial Flow 23 Jars _____ T-Started 2046
 (C) First Final Flow 24 Safety Joint _____ T-Open 0015
 (D) Initial Shut-In 1070 Circ Sub _____ T-Pulled 0315
 (E) Second Initial Flow 28 Hourly Standby _____ T-Out 0507
 (F) Second Final Flow 36 Mileage 40 RT 80 Comments _____
 (G) Final Shut-In 919 Sampler _____ loaded tools 11/27 18:25
 (H) Final Hydrostatic 1887 Straddle _____ Ruined Shale Packer _____

Initial Open 15 Extra Packer _____ Extra Copies _____
 Initial Shut-In 60 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 1280
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1280

Approved By _____ Our Representative Brannan Lonsdale

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