

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)</i> <i>(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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GEOLOGIST'S REPORT
 DRILLING TIME AND SAMPLE LOG

OPERATOR: Anchor Bay Petroleum LLC
LEASE: PBR1 WELL NO: #1
FIELD: Rocklin
LOCATION: 1850 FSL & 4018' FEL
SEC.: 33 TWP. 13S RGE. 20W
COUNTY: Ellis STATE: Kansas

ELEVATION: KB 2329
 DF 2521
 GI 2521
 Measurements are all from Kelly Reservoir

CASING RECORD:
 3 1/8" O.D. 2 1/4" I.D. 1500' 3100'
 2 3/8" O.D. 1 1/2" I.D. 1500'
PRODUCTION: NONE

ELECTRICAL SURVEYS:
 Data: Induction
 Density Neutron
 Micro

REFERENCE WELL FOR STRUCTURAL COMPARISON
 RAN KIN #1, NE NE SW 33-13S-20W, ELLIS CO, KS

FORMATION	TOP	LOG	SHAPE	STRICT
	DATE	DIVISION	TOP	DATE
				COMP.
7022-6g	3324 (1025)			NA
7022-6g	3327 (1228)			NA
Lansing	3604 (1277)			+1
B/Kansas	3935 (1524)			+7
Maryann	3909 (1520)			NA
Ch. 1/Conk	3138 (1687)			+2
H. Caldwell	3180 (1683)			+2

DATE		DRILLER	NO	SIZE	DATE	TYPE	DEPTH	FEET	HOURS
10-21-23		SHAWDAK	1	72-4"	HTC	DRIBBT	224'	224'	17 1/4
10-22-23		14551	2	7 1/8"	PDC		2578	2578	19 3/4
10-23-23		30261	3	7 1/8"	HTC	CR20C	4020	1218	31 3/4
10-28-23		32801			HTC		3810'		
10-28-23		40201							

DATE		DRILLER	NO	SIZE	DATE	TYPE	DEPTH	FEET	HOURS
10-21-23		SHAWDAK	1	72-4"	HTC	DRIBBT	224'	224'	17 1/4
10-22-23		14551	2	7 1/8"	PDC		2578	2578	19 3/4
10-23-23		30261	3	7 1/8"	HTC	CR20C	4020	1218	31 3/4
10-28-23		32801			HTC		3810'		
10-28-23		40201							

NO.	Interval	DEPTH	FORMATION	REMARKS

DRILLING TIME IN MINUTES PER FOOT
 Rate of Penetration Decreases

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
20				
30				
40				
1650				
60				
70				
80				
90				
3000				
10				Start 1' dry time
30				
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DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum**

1952 Victoria Rd.
Hays, KS 67601

ATTN: Ed Glassman

PBR #1

33-13S-20W Ellis,KS

Start Date: 2023.10.24 @ 13:56:00

End Date: 2023.10.24 @ 19:11:00

Job Ticket #: 70061 DST #: 1

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

Printed: 2023.10.27 @ 14:10:57



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Anchor Bay Petroleum

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

PBR #1

Job Ticket: 70061

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.10.24 @ 13:56:00

GENERAL INFORMATION:

Formation: **Toronto- LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:53:15

Time Test Ended: 19:11:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: **3552.00 ft (KB) To 3625.00 ft (KB) (TVD)**

Reference Elevations: 2329.00 ft (KB)

Total Depth: 3625.00 ft (KB) (TVD)

2321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: 26.21 psig @ 3553.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.10.24 End Date: 2023.10.24

Last Calib.: 2023.10.24

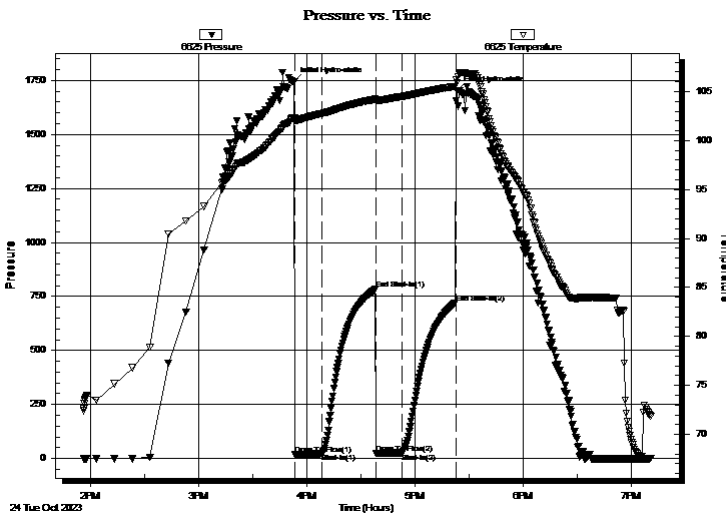
Start Time: 13:56:05 End Time: 19:10:59

Time On Btm: 2023.10.24 @ 15:53:00

Time Off Btm: 2023.10.24 @ 17:23:30

TEST COMMENT: IF-15- Built to 3/4"
SI1-30- No return
FF-15- No blow
SI2-30- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1745.31	102.36	Initial Hydro-static
1	18.48	102.10	Open To Flow (1)
16	21.96	102.76	Shut-In(1)
46	783.00	104.23	End Shut-In(1)
46	24.65	104.12	Open To Flow (2)
60	26.21	104.50	Shut-In(2)
90	721.78	105.55	End Shut-In(2)
91	1703.38	105.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%	0.02

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Anchor Bay Petroleum

33-13S-20W Ellis,KS

1952 Victoria Rd.
Hays, KS 67601

PBR #1

Job Ticket: 70061

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.10.24 @ 13:56:00

GENERAL INFORMATION:

Formation: **Toronto- LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:53:15

Time Test Ended: 19:11:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: 3552.00 ft (KB) To 3625.00 ft (KB) (TVD)

Reference Elevations: 2329.00 ft (KB)

Total Depth: 3625.00 ft (KB) (TVD)

2321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8524 Outside

Press@RunDepth: psig @ 3553.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.10.24

End Date:

2023.10.24

Last Calib.:

2023.10.24

Start Time: 13:56:05

End Time:

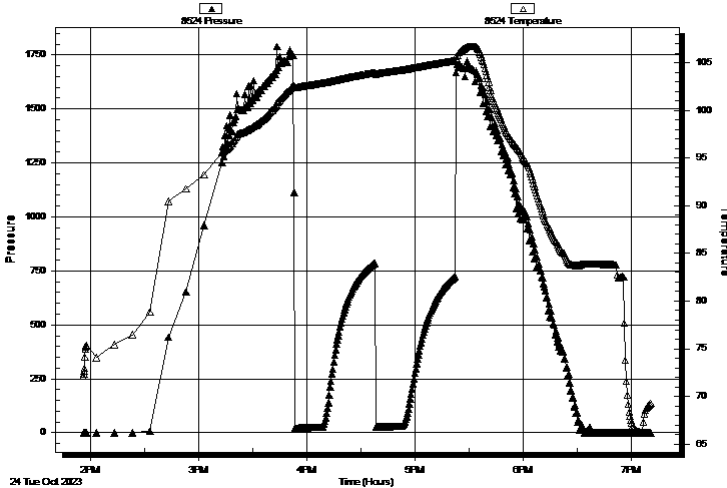
19:10:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-15- Built to 3/4"
SI1-30- No return
FF-15- No blow
SI2-30- No return

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum

33-13S-20W Ellis,KS

1952 Victoria Rd.
Hays, KS 67601

PBR #1

Job Ticket: 70061

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.10.24 @ 13:56:00

Tool Information

Drill Pipe:	Length: 3508.00 ft	Diameter: 3.80 inches	Volume: 49.21 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3552.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			3527.00	
shut In Tool	5.00			3532.00	
hydraulic tool	5.00			3537.00	
EM Tool	3.00			3540.00	
safety Joint	3.00			3543.00	
Packer	5.00			3548.00	26.00 Bottom Of Top Packer
Packer	4.00			3552.00	
Stubb	1.00			3553.00	
Recorder	0.00	6625	Inside	3553.00	
Recorder	0.00	8524	Outside	3553.00	
perforations	3.00			3556.00	
change Over Sub	1.00			3557.00	
drill Pipe	63.00			3620.00	
change Over Sub	1.00			3621.00	
Bullnose	4.00			3625.00	73.00 Bottom Packers & Anchor

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

PBR #1

Job Ticket: 70061

DST#: 1

ATTN: Ed Glassman

Test Start: 2023.10.24 @ 13:56:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM

Serial #: 6625

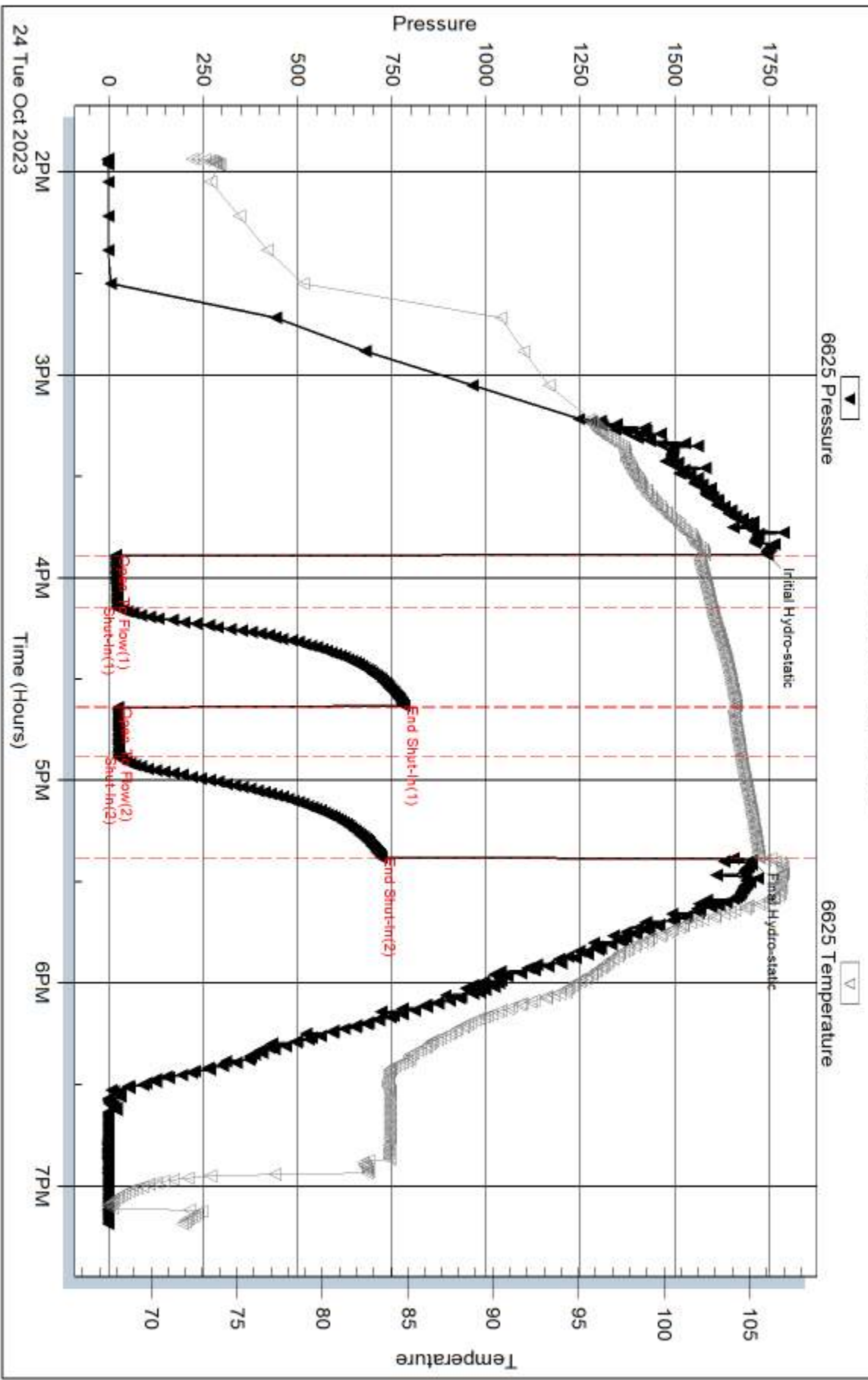
Inside

Anchor Bay Petroleum

FBR #1

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 70061

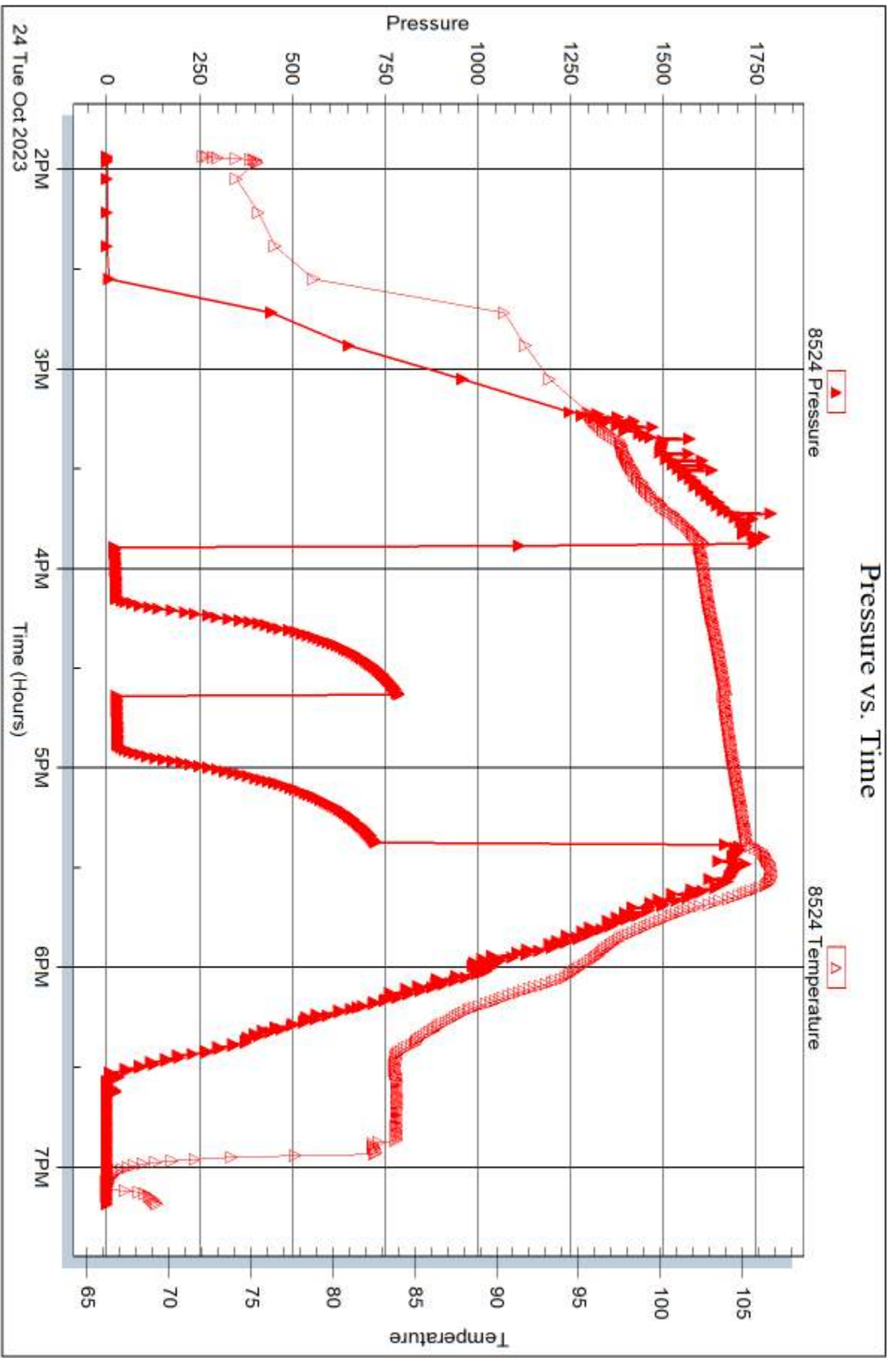
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Serial #: 8524

Outside Anchor Bay Petroleum

FBR #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum**

1952 Victoria Rd.
Hays, KS 67601

ATTN: Ed Glassman

PBR #1

33-13S-20W Ellis,KS

Start Date: 2023.10.26 @ 12:06:00

End Date: 2023.10.26 @ 19:24:15

Job Ticket #: 70062 DST #: 2

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

Printed: 2023.10.27 @ 14:09:49



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Anchor Bay Petroleum
 1952 Victoria Rd.
 Hays, KS 67601
 ATTN: Ed Glassman

33-13S-20W Ellis, KS

PBR #1

Job Ticket: 70062

DST#: 2

Test Start: 2023.10.26 @ 12:06:00

GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:13:15
 Time Test Ended: 19:24:15
 Interval: **3750.00 ft (KB) To 3820.00 ft (KB) (TVD)**
 Total Depth: 4022.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Straddle (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2329.00 ft (KB)
 2321.00 ft (CF)
 KB to GR/CF: 8.00 ft

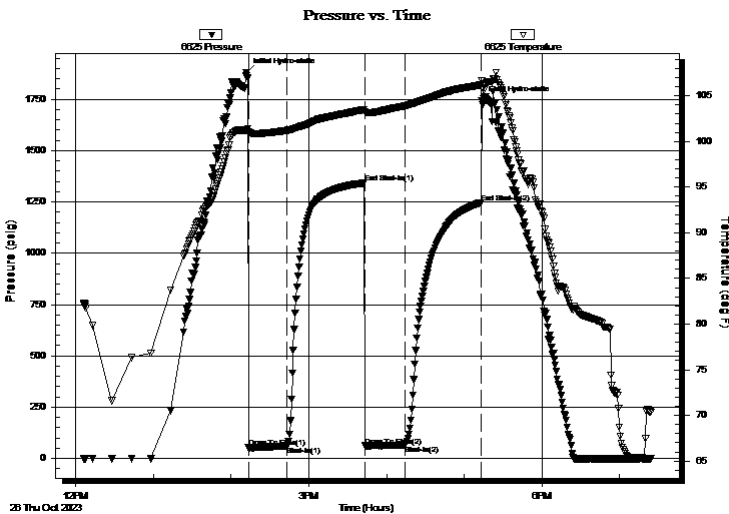
Serial #: 6625

Inside

Press@RunDepth: 64.63 psig @ 3795.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.10.26 End Date: 2023.10.26 Last Calib.: 2023.10.26
 Start Time: 12:06:05 End Time: 19:24:14 Time On Btm: 2023.10.26 @ 14:11:45
 Time Off Btm: 2023.10.26 @ 17:13:30

TEST COMMENT: IF-30- Built to 3"
 SI1-60- No return
 FF-30- Built to 1 1/4"
 SI2-60- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.11	101.23	Initial Hydro-static
2	52.93	100.89	Open To Flow (1)
32	58.72	101.20	Shut-In(1)
92	1341.95	103.49	End Shut-In(1)
92	61.91	103.22	Open To Flow (2)
123	64.63	103.90	Shut-In(2)
181	1245.88	106.18	End Shut-In(2)
182	1741.99	106.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	WCM 10% w ater 90% mud W/oil spots	0.60

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

PBR #1

ATTN: Ed Glassman

Job Ticket: 70062

DST#: 2

Test Start: 2023.10.26 @ 12:06:00

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:13:15

Time Test Ended: 19:24:15

Test Type: Conventional Straddle (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3750.00 ft (KB) To 3820.00 ft (KB) (TVD)

Total Depth: 4022.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2329.00 ft (KB)

2321.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8524 Outside

Press@RunDepth: psig @ 3795.00 ft (KB)

Start Date: 2023.10.26

End Date:

2023.10.26

Start Time: 12:06:05

End Time:

19:24:14

Capacity: 8000.00 psig

Last Calib.:

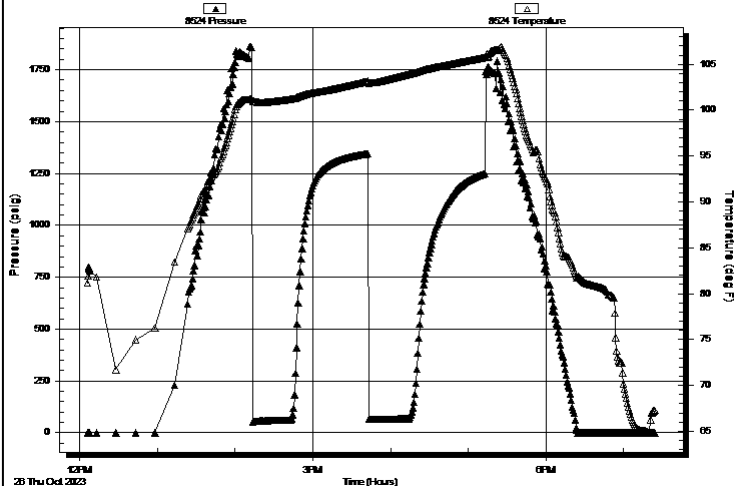
2023.10.26

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- Built to 3"
SI1-60- No return
FF-30- Built to 1 1/4"
SI2-60- No return

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	WCM 10% w ater 90% mud W/oil spots	0.60

Gas Rates

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

* Recovery from multiple tests



DRILL STEM TEST REPORT

Anchor Bay Petroleum

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

PBR #1

Job Ticket: 70062

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.10.26 @ 12:06:00

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:13:15

Time Test Ended: 19:24:15

Test Type: Conventional Straddle (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3750.00 ft (KB) To 3820.00 ft (KB) (TVD)

Total Depth: 4022.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2329.00 ft (KB)

2321.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6651

Below (Straddle)

Press@RunDepth: psig @ 3827.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.10.26

End Date: 2023.10.26

Last Calib.: 2023.10.26

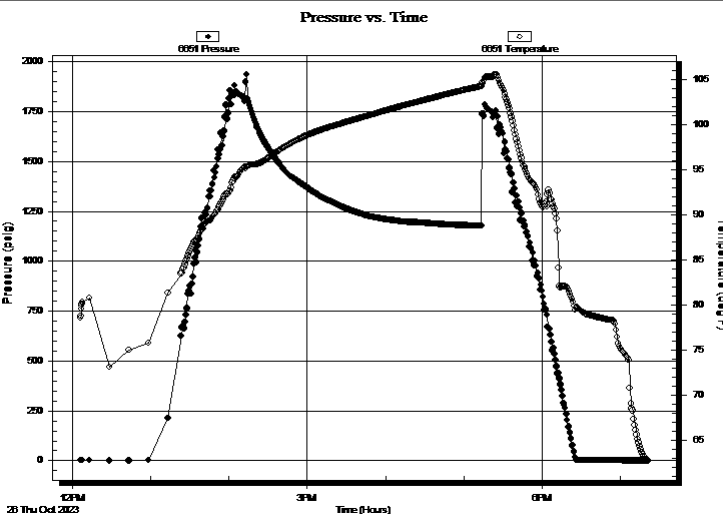
Start Time: 12:06:05

End Time: 19:21:29

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- Built to 3"
SI1-60- No return
FF-30- Built to 1 1/4"
SI2-60- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	WCM 10% w ater 90% mud W/oil spots	0.60

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

33-13S-20W Ellis,KS

1952 Victoria Rd.
Hays, KS 67601

PBR #1

Job Ticket: 70062

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.10.26 @ 12:06:00

Tool Information

Drill Pipe:	Length: 3698.00 ft	Diameter: 3.80 inches	Volume: 51.87 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
				String Weight: Initial	60000.00 lb
Drill Pipe Above KB:	9.00 ft			Final	60000.00 lb
Depth to Top Packer:	3750.00 ft				
Depth to Bottom Packer:	3817.00 ft				
Interval between Packers:	67.00 ft				
Tool Length:	303.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

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

Change Over Sub	1.00			3720.00	
shut In Tool	5.00			3725.00	
hydraulic tool	5.00			3730.00	
Jars	5.00			3735.00	
EM TOOL	3.00			3738.00	
Safety Joint	3.00			3741.00	
Packer	5.00			3746.00	31.00 Bottom Of Top Packer
Packer	4.00			3750.00	
Stubb	1.00			3751.00	
perforations	10.00			3761.00	
change Over Sub	1.00			3762.00	
drill Pipe	32.00			3794.00	
change Over Sub	1.00			3795.00	
Recorder	0.00	6625	Inside	3795.00	
Recorder	0.00	8524	Outside	3795.00	
perforations	21.00			3816.00	
Blank Off Sub	1.00			3817.00	
Packer	3.00			3820.00	67.00 Tool Interval
Packer	1.00			3821.00	
stubb	1.00			3822.00	
perforations	4.00			3826.00	
Change Over Sub	1.00			3827.00	
Recorder	0.00	6651	Below	3827.00	
Drill Pipe	190.00			4017.00	
change Over Sub	1.00			4018.00	
bullnose	4.00			4022.00	205.00 Bottom Packers & Anchor

Total Tool Length: 303.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum

33-13S-20W Ellis, KS

1952 Victoria Rd.
Hays, KS 67601

PBR #1

Job Ticket: 70062

DST#: 2

ATTN: Ed Glassman

Test Start: 2023.10.26 @ 12:06:00

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:

11000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	WCM 10% water 90% mud W/oil spots	0.596

Total Length: 62.00 ft Total Volume: 0.596 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 15 # LCM. Spotted tank of mud

Serial #: 6625

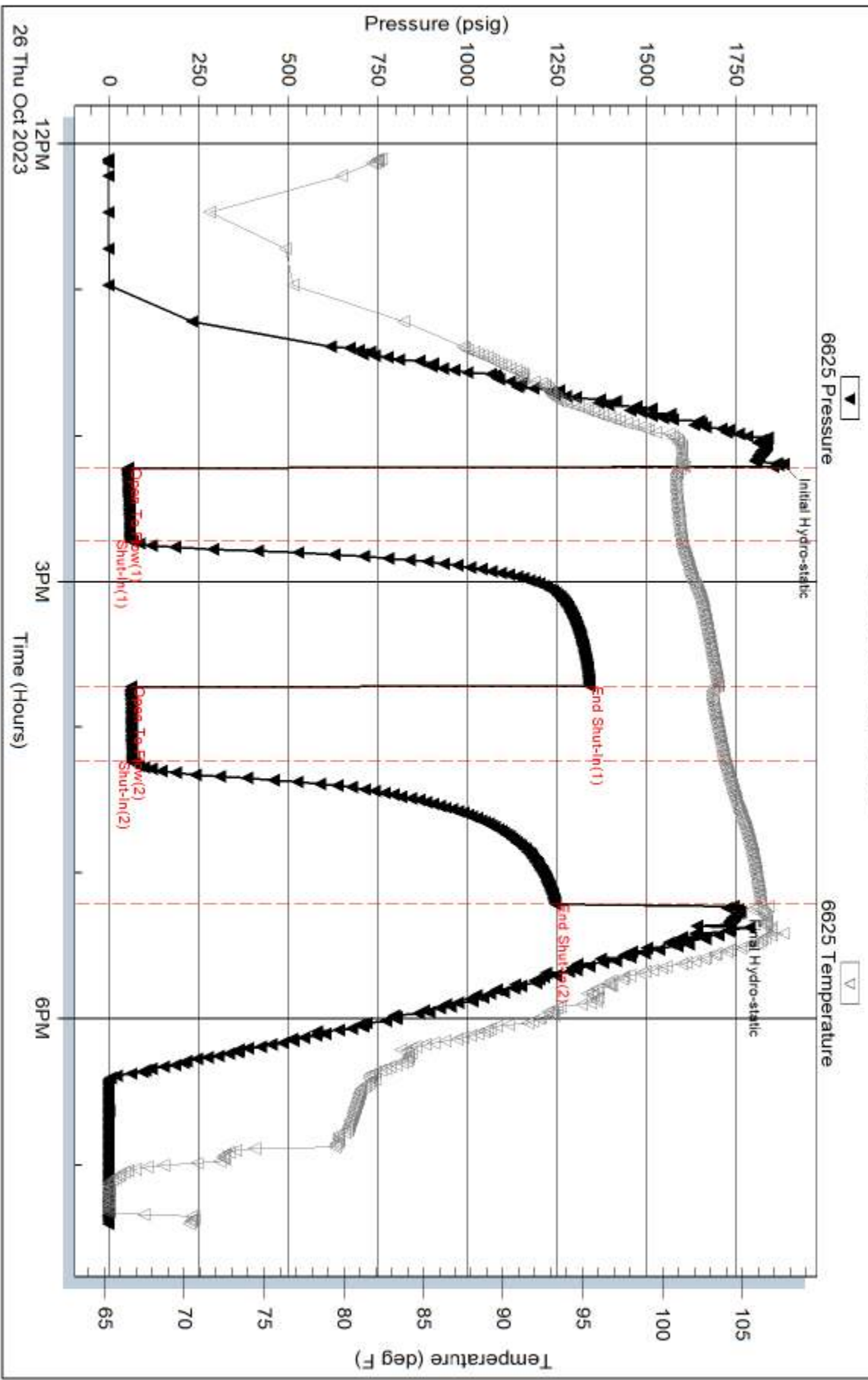
Inside

Anchor Bay Petroleum

FBR #1

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 70062

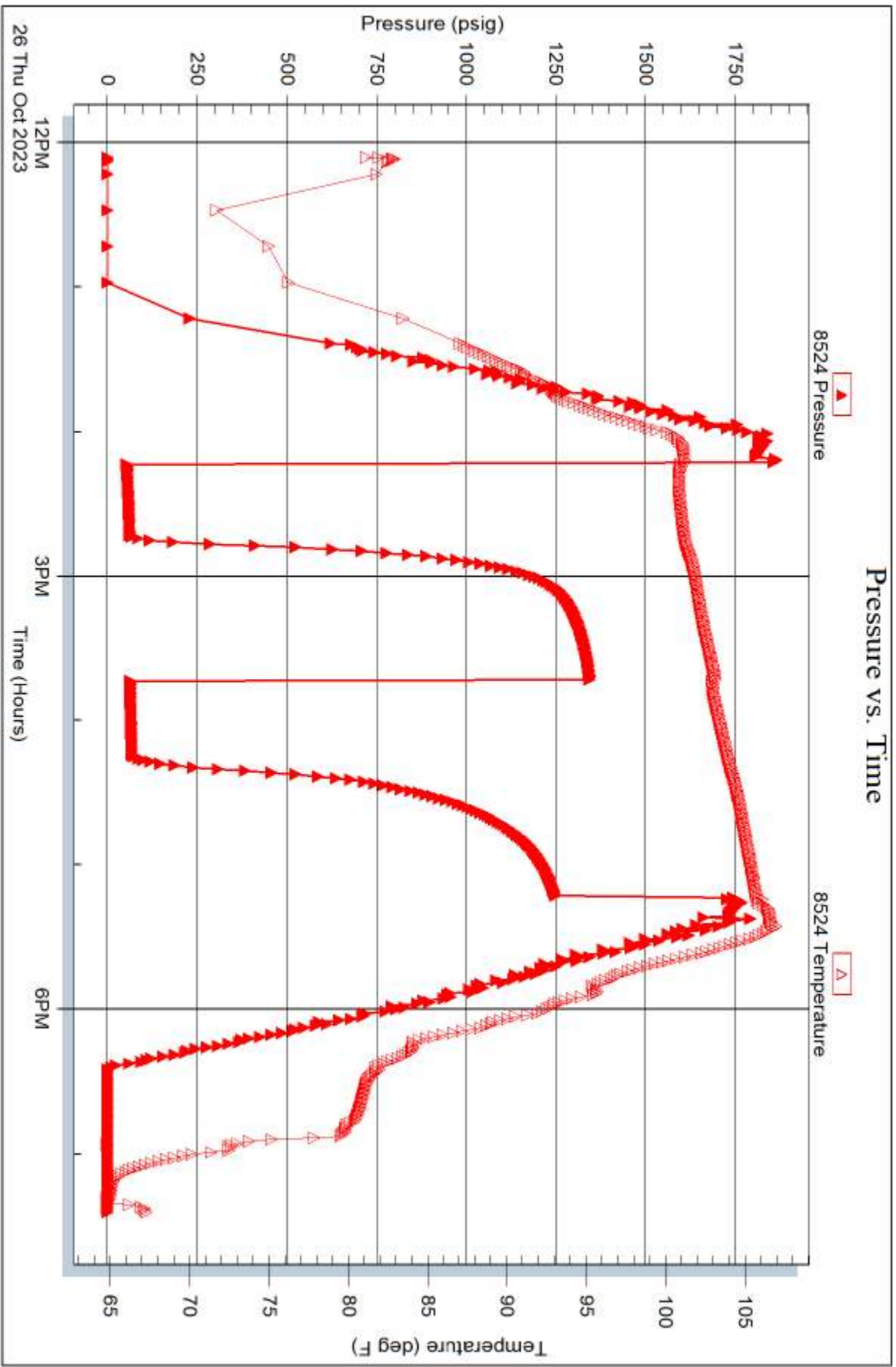
Printed: 2023.10.27 @ 14:09:50

Serial #: 8524

Outside Anchor Bay Petroleum

FBR #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 70062

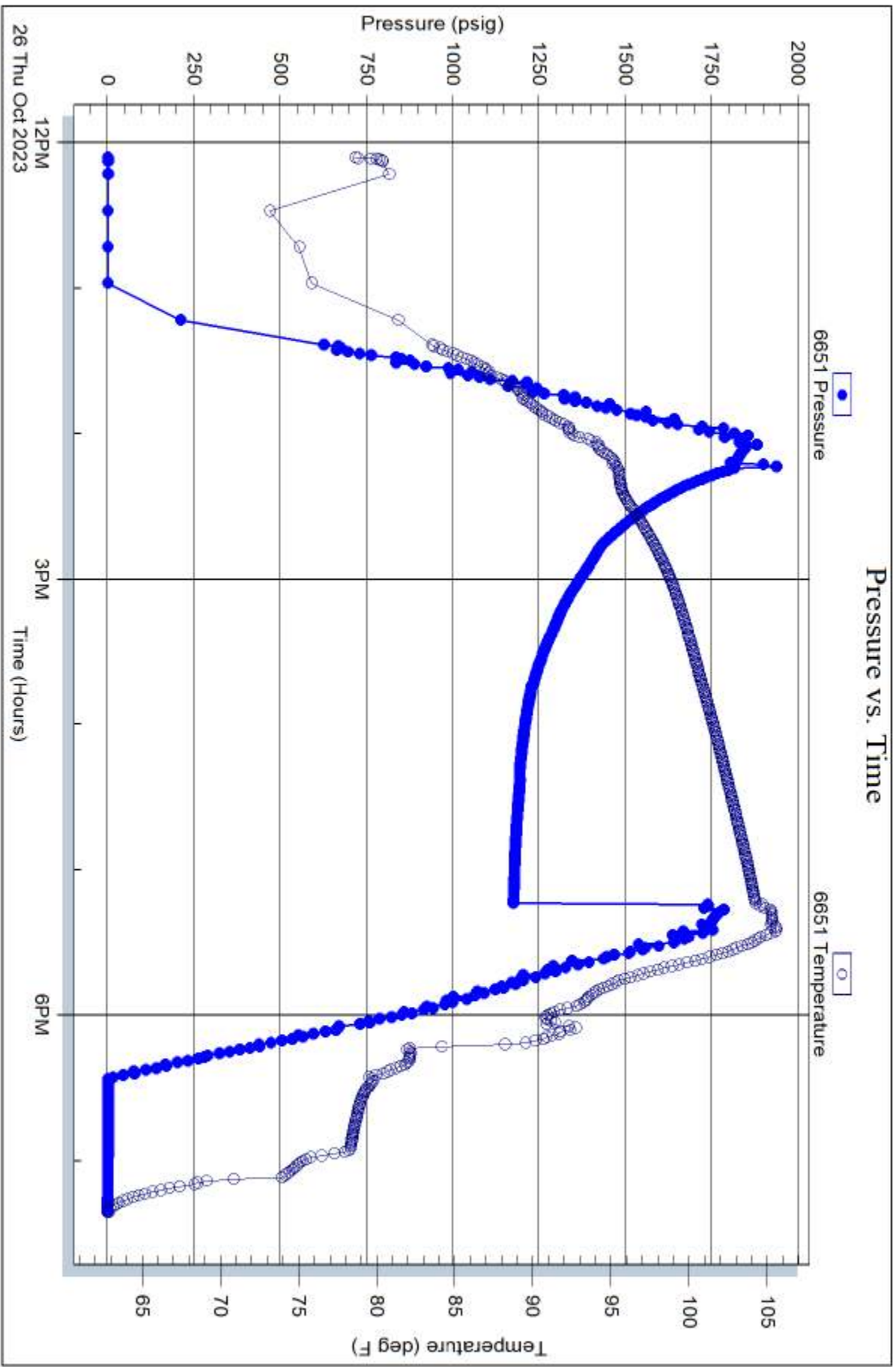
Printed: 2023.10.27 @ 14:09:50

Serial #: 6651

Below (Stratfield) Bay Petroleum

FBR #1

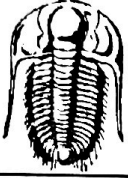
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 70062

Printed: 2023.10.27 @ 14:09:50



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70061

Well Name & No. 200000 PBR #1 Test No. 1 Date 10/24/23
 Company Anchor Bay Petroleum Elevation 2329 KB 2321 GL
 Address 1952 Victoria Rd Hays, KS 67601
 Co. Rep / Geo Ed Glassman Rig Discovery Rig #4
 Location: Sec. 33 Twp 13S Rge. 20W Co. Ellis State KS

Interval Tested 3552-3625 Zone Tested LKCA Toronto
 Anchor Length 73 Drill Pipe Run 3508 Mud Wt. 8.8
 Top Packer Depth 3547 Drill Collars Run 30 Vis 55
 Bottom Packer Depth 3552 Wt. Pipe Run Ø WL 5.6
 Total Depth 3625 Chlorides 2500 ppm System LCM 2#

Blow Description IF-Built to 3/4"
S11-NO return
FF-NO blow
S12-NO return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</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 106 Gravity _____ API RW _____ @ _____ *F Chlorides _____ ppm
 Initial Hydrostatic 1745 Test 1800 Ruined Shale Packer _____
 Initial Flow 18 to 22 Jars _____ Ruined Packer _____
 Initial Shut-In 783 Circ Sub _____ Hotel _____
 Final Flow 25 to 26 Hourly Standby _____ EM Tool Successful _____
 Final Shut-In 722 Mileage 45 78.75 Accessibility _____
 Final Hydrostatic 1703 Sampler _____ Gas Sample _____
 T-On Location 13:30 Straddle _____ Sub Total 0
 Initial Flow 15 T-Started 13:56 Shale Packer _____ Total 1878.75
 Initial Shut-In 30 T-Open 15:54 Extra Packer _____ Tool Loaded _____ @ _____
 Final Flow 15 T-Pulled 17:24 Extra Recorder _____ MP/DST Disc't _____
 Final Shut-In 30 T-Out 19:12 Day Standby _____

Comments _____

Approved By _____ Our Representative DWYD

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. 70062

Well Name & No. PBR#1 Test No. 2 Date 10/26/23
 Company Anchor Bay Petroleum Elevation 2329 KB 2321 GL
 Address 1952 Victoria Rd. Hays, KS 67601
 Co. Rep / Geo Ed Glassman Rig Discovery Rig#4
 Location: Sec. 33 Twp 13S Rge. 20W Co. Ellis State KS

Interval Tested 3750-3820 Zone Tested LKC
 Anchor Length 70' Drill Pipe Run 3098 Mud Wt 8.7
 Top Packer Depth 3745 Drill Collars Run 30 Vis 60+
 Bottom Packer Depth 3750 Wt. Pipe Run _____ WL 6.8
 Total Depth ~~3820~~ 4022 Chlorides 2100 ppm System LCM 15#

Blow Description IF-Built to 3"
S12-NO return
FF-Built to 1 1/4"
S12-NO return

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>WCM w/ oil spots</u>			<u>10</u>	<u>90</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 62' BHT 106 Gravity _____ API RW .57 @ 70 °F Chlorides 11000 ppm
 Initial Hydrostatic 1881 Test 1800 Ruined Shale Packer _____
 Initial Flow 53 to 59 Jars 300 Ruined Packer _____
 Initial Shut-In 1342 Circ Sub _____ Hotel _____
 Final Flow 62 to 65 Hourly Standby _____ EM Tool Successful _____
 Final Shut-In 1246 Mileage 45 78.75 Accessibility _____
 Final Hydrostatic 1742 Sampler _____ Gas Sample _____
 T- On Location 11:50 Straddle 800 Sub Total 800
 Initial Flow 30 T-Started 12:00 Shale Packer 250 Total 4028.75
 Initial Shut-In 60 T-Open 14:13 Extra Packer _____ Tool Loaded _____ @ _____
 Final Flow 30 T-Pulled 17:13 Extra Recorder _____ MP/DST Disc't _____
 Final Shut-In 60 T-Out 19:24 Day Standby 1d 16.75h

Comments _____

Approved By _____ Our Representative Dust Dy

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.

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. 3961

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-21-23	33	13	20	Ellis	Ks		11:45AM

Location *Ellis 355*

Lease	Well No.	Owner	
<i>PBR</i>	<i>1</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>Discovery</i>	<i>SURFACE</i>	<i>Anchor Bay Pet. INC</i>	
Hole Size	T.D.	Street	
<i>12 1/4</i>	<i>224</i>		
Csg.	Depth	City	
<i>85</i>		State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
Tool	Depth	Cement Amount Ordered <i>1500 80/60 3-2</i>	
Cement Left in Csg.	Shoe Joint		
<i>15</i>			
Meas Line	Displace		
	<i>13.3</i>		

EQUIPMENT

Pumptrk	No.	Cementor Helper	Common
<i>17</i>		<i>B. H.</i>	<i>120</i>
Bulktrk	No.	Driver	Poz. Mix
		<i>JORDAN</i>	<i>30</i>
Bulktrk	No.	Driver	Gel.
<i>9</i>		<i>JOE</i>	<i>3</i>
			Calcium
			<i>6</i>

JOB SERVICES & REMARKS

Remarks:	Hulls
	Salt
Rat Hole	Flowseal
Mouse Hole	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand
<i>Set e 224</i>	Handling <i>159</i>
<i>Cent 150M</i>	Mileage
<i>Pump plug w 13.3</i>	
<i>Cent Did CIRC.</i>	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	<i>Surface</i>
Mileage	<i>21</i>

Signature <i>Ryan J. Asch</i>	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. 3965
1027-26

Date	10-26-23	Sec.	33	Twp.	13	Range	20	County	Ellis	State	KS	On Location		Finish	3:15 AM
------	----------	------	----	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	---------

Lease PBR Well No. 1 Location ELLIS 35 E 1 N

Contractor Discovery Owner To Quality Oilwell Cementing, Inc.
Type Job PTA You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size 7 7/8 T.D. 4020 Charge To Anchor Bay Pot

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 305 60/40 4% Gw

Meas Line Displace 4" E10 seal

EQUIPMENT				Common
Pumptrk	17	No.	Cementer	183
			Helper	
Bulktrk		No.	Driver	Poz. Mix 122
			Driver	Gel. 11
Bulktrk	9	No.	Driver	Calcium
			Driver	

JOB SERVICES & REMARKS

Remarks: Hulls

Rat Hole 30 Salt

Mouse Hole 15 Flowseal

Centralizers Kol-Seal 75#

Baskets Mud CLR 48

D/V or Port Collar CFL-117 or CD110 CAF 38

3940 - 50 sks Sand

1660 - 50 sks Handling 3/6

900 - 100 sks Mileage

FLOAT EQUIPMENT

300 - 50 sks Guide Shoe

40 - 10 sks Centralizer

30 RH Baskets

15 MH AFU Inserts

Float Shoe

Latch Down

wood 8 1/2 - 1

Pumptrk Charge plug

Mileage 21

Thanks

X Signature Rye Jasch Tax

Discount

Total Charge