

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
--	---

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	SLIMMER A 1
Doc ID	1593082

All Electric Logs Run

Dual Induction
Density-Neutron
Micro
Temperature Log



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601+9347

ATTN: Ed Glassman

Slimmer A #1

2-11s-17w Ellis,KS

Start Date: 2021.07.09 @ 21:22:00

End Date: 2021.07.10 @ 03:20:32

Job Ticket #: 67370 DST #: 1

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

Printed: 2021.07.14 @ 09:19:43



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67370

DST#: 1

ATTN: Ed Glassman

Test Start: 2021.07.09 @ 21:22:00

GENERAL INFORMATION:

Formation: **Toronto - LKC C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:25:22

Time Test Ended: 03:20:32

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 84

Interval: **3041.00 ft (KB) To 3134.00 ft (KB) (TVD)**

Reference Elevations: 1888.00 ft (KB)

Total Depth: 3134.00 ft (KB) (TVD)

1883.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6838

Inside

Press@RunDepth: 54.96 psig @ 3044.00 ft (KB)

Capacity: psig

Start Date: 2021.07.09

End Date:

2021.07.10

Last Calib.:

2021.07.10

Start Time: 21:22:01

End Time:

03:20:32

Time On Btm:

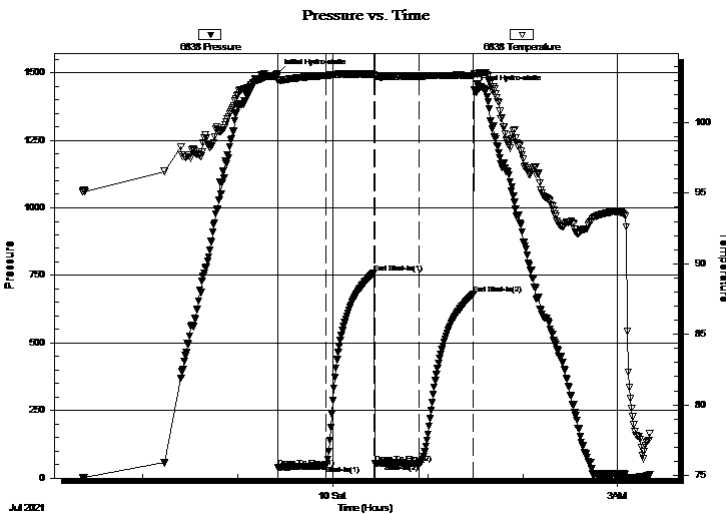
2021.07.09 @ 23:25:07

Time Off Btm:

2021.07.10 @ 01:29:22

TEST COMMENT: 30-IF-Surface to 1 1/2"
30-ISI-No Return
30-FF-Surface to 1 1/4"
30-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1495.39	103.33	Initial Hydro-static
1	40.97	102.97	Open To Flow (1)
31	45.77	103.33	Shut-In(1)
62	760.07	103.39	End Shut-In(1)
62	54.92	103.26	Open To Flow (2)
90	54.96	103.30	Shut-In(2)
124	682.17	103.33	End Shut-In(2)
125	1437.36	103.48	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
55.00	Oil Spotted Mud 100%M	0.78
5.00	Clean Oil 100%O	0.07

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67370

DST#: 1

ATTN: Ed Glassman

Test Start: 2021.07.09 @ 21:22:00

Tool Information

Drill Pipe:	Length: 3042.00 ft	Diameter: 3.82 inches	Volume: 43.12 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 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: 75000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3041.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	126.00 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			3009.00	
Change Over Sub	1.00			3010.00	
Shut In Tool	5.00			3015.00	
Hydraulic tool	5.00		Fluid	3020.00	
Jars	5.00			3025.00	
Gap Sub	4.00			3029.00	
Safety Joint	3.00			3032.00	
Packer	5.00			3037.00	33.00 Bottom Of Top Packer
Packer	4.00			3041.00	
Stubb	1.00			3042.00	
Perforations	1.00			3043.00	
Change Over Sub	1.00			3044.00	
Recorder	0.00	6838	Inside	3044.00	
Recorder	0.00	8875	Outside	3044.00	
Drill Pipe	63.00			3107.00	
Change Over Sub	1.00			3108.00	
Perforations	23.00			3131.00	
Bullnose	3.00			3134.00	93.00 Bottom Packers & Anchor

Total Tool Length: 126.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67370

DST#: 1

ATTN: Ed Glassman

Test Start: 2021.07.09 @ 21:22:00

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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	Oil Spotted Mud 100%M	0.780
5.00	Clean Oil 100%O	0.071

Total Length: 60.00 ft

Total Volume: 0.851 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

Serial #: 6838

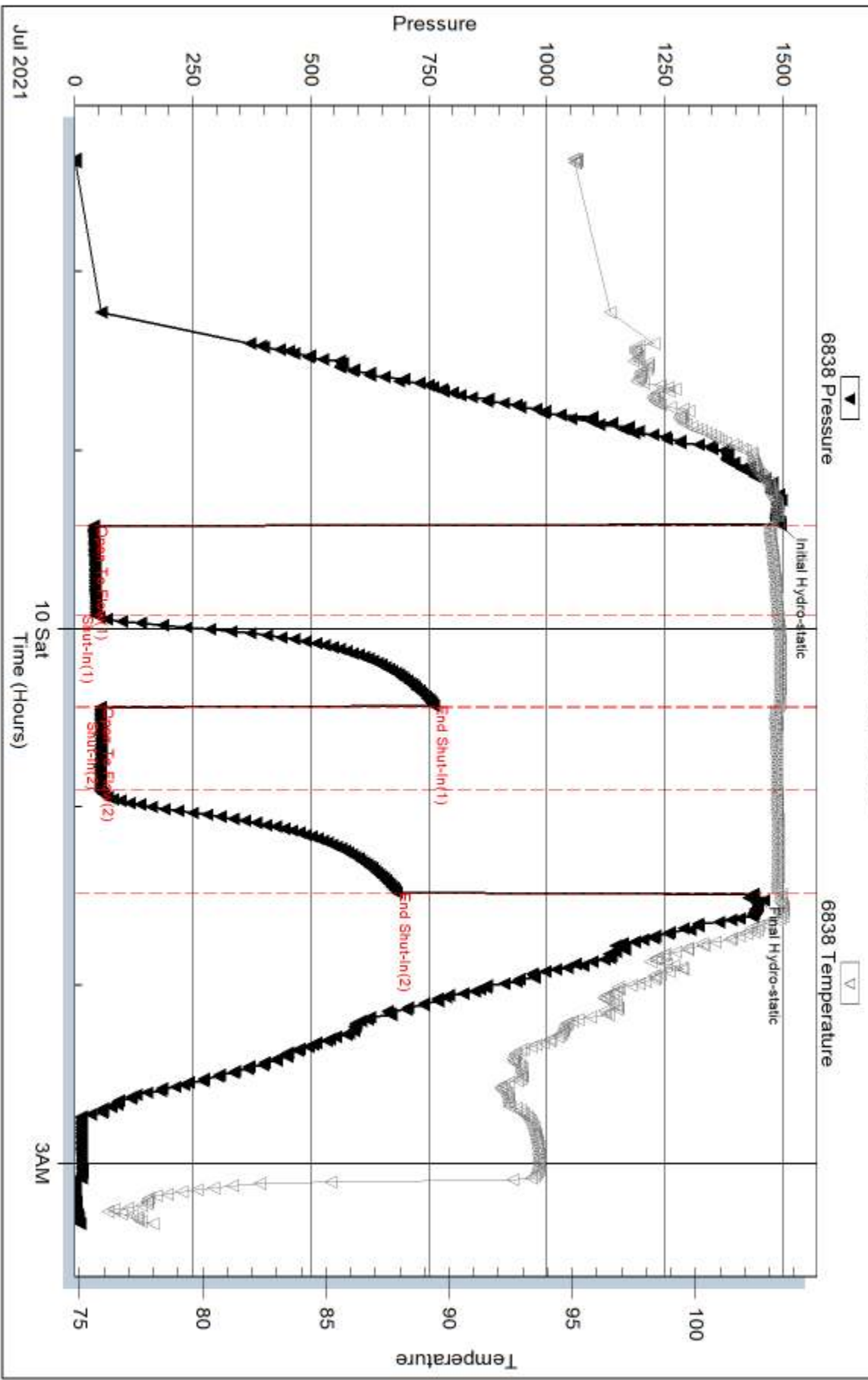
Inside

Anchor Bay Petroleum LLC

Slimmer A #1

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 67370

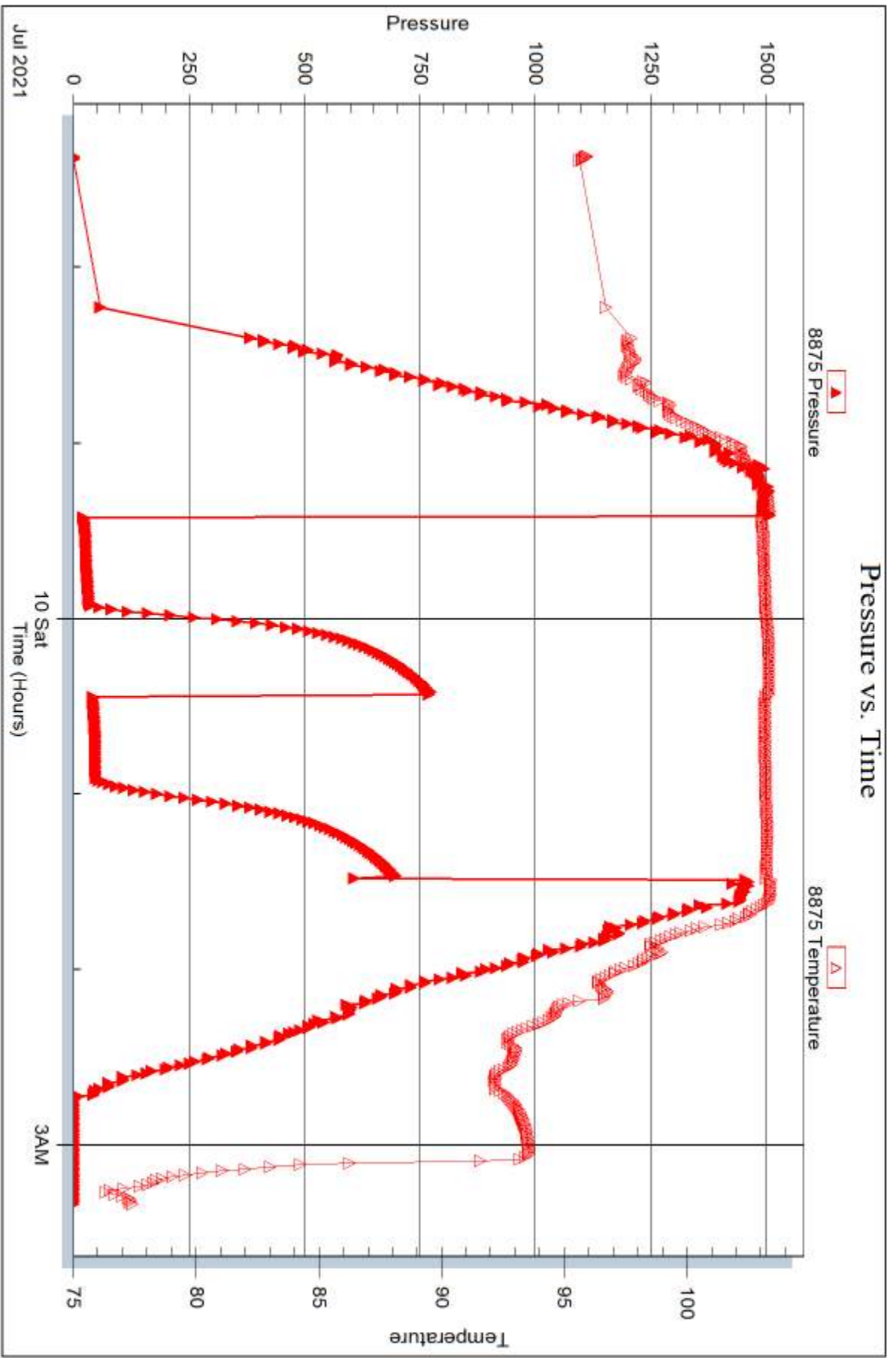
Printed: 2021.07.14 @ 09:19:43

Serial #: 8875

Outside Anchor Bay Petroleum LLC

Slimmer A #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67370

Printed: 2021.07.14 @ 09:19:43



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601+9347

ATTN: Ed Glassman

Slimmer A #1

2-11s-17w Ellis,KS

Start Date: 2021.07.10 @ 12:00:00

End Date: 2021.07.10 @ 17:09:52

Job Ticket #: 67371 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.07.14 @ 09:19:18



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67371

DST#: 2

ATTN: Ed Glassman

Test Start: 2021.07.10 @ 12:00:00

GENERAL INFORMATION:

Formation: **LKC D - G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:35:27

Time Test Ended: 17:09:52

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

Interval: 3142.00 ft (KB) To 3185.00 ft (KB) (TVD)

Reference Elevations: 1888.00 ft (KB)

Total Depth: 3134.00 ft (KB) (TVD)

1883.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8875 Outside

Press@RunDepth: 22.81 psig @ 3145.00 ft (KB)

Capacity: psig

Start Date: 2021.07.10

End Date:

2021.07.10

Last Calib.:

2021.07.10

Start Time: 12:00:01

End Time:

17:09:52

Time On Btm:

2021.07.10 @ 13:35:22

Time Off Btm:

2021.07.10 @ 15:26:22

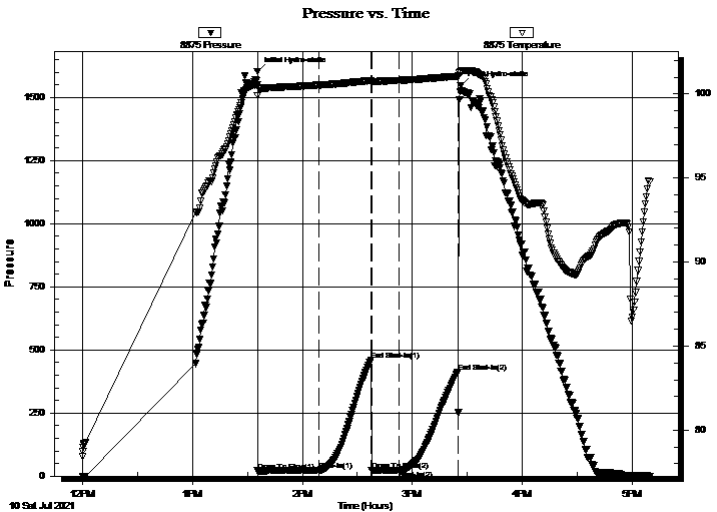
TEST COMMENT: 30-IF-Surface to 3/4" Died @ 22 mins

30-ISI-No Return

15-FF-No Blow

30-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1603.41	100.56	Initial Hydro-static
1	20.45	99.91	Open To Flow (1)
34	22.18	100.53	Shut-In(1)
62	459.71	100.78	End Shut-In(1)
63	21.89	100.74	Open To Flow (2)
78	22.81	100.81	Shut-In(2)
110	412.59	101.07	End Shut-In(2)
111	1546.38	101.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM 100%M	0.14

* 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

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67371

DST#: 2

ATTN: Ed Glassman

Test Start: 2021.07.10 @ 12:00:00

Tool Information

Drill Pipe:	Length: 3141.00 ft	Diameter: 3.82 inches	Volume: 44.52 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 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:	52000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3142.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	43.00 ft				
Tool Length:	76.00 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			3110.00	
Change Over Sub	1.00			3111.00	
Shut In Tool	5.00			3116.00	
Hydraulic tool	5.00		Fluid	3121.00	
Jars	5.00			3126.00	
Gap Sub	4.00			3130.00	
Safety Joint	3.00			3133.00	
Packer	5.00			3138.00	33.00 Bottom Of Top Packer
Packer	4.00			3142.00	
Stubb	1.00			3143.00	
Perforations	1.00			3144.00	
Change Over Sub	1.00			3145.00	
Recorder	0.00	6838	Inside	3145.00	
Recorder	0.00	8875	Outside	3145.00	
Drill Pipe	32.00			3177.00	
Change Over Sub	1.00			3178.00	
Perforations	4.00			3182.00	
Bullnose	3.00			3185.00	43.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67371

DST#: 2

ATTN: Ed Glassman

Test Start: 2021.07.10 @ 12:00:00

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:

bbl

Water Loss: 6.49 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OSM 100%M	0.142

Total Length: 10.00 ft Total Volume: 0.142 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

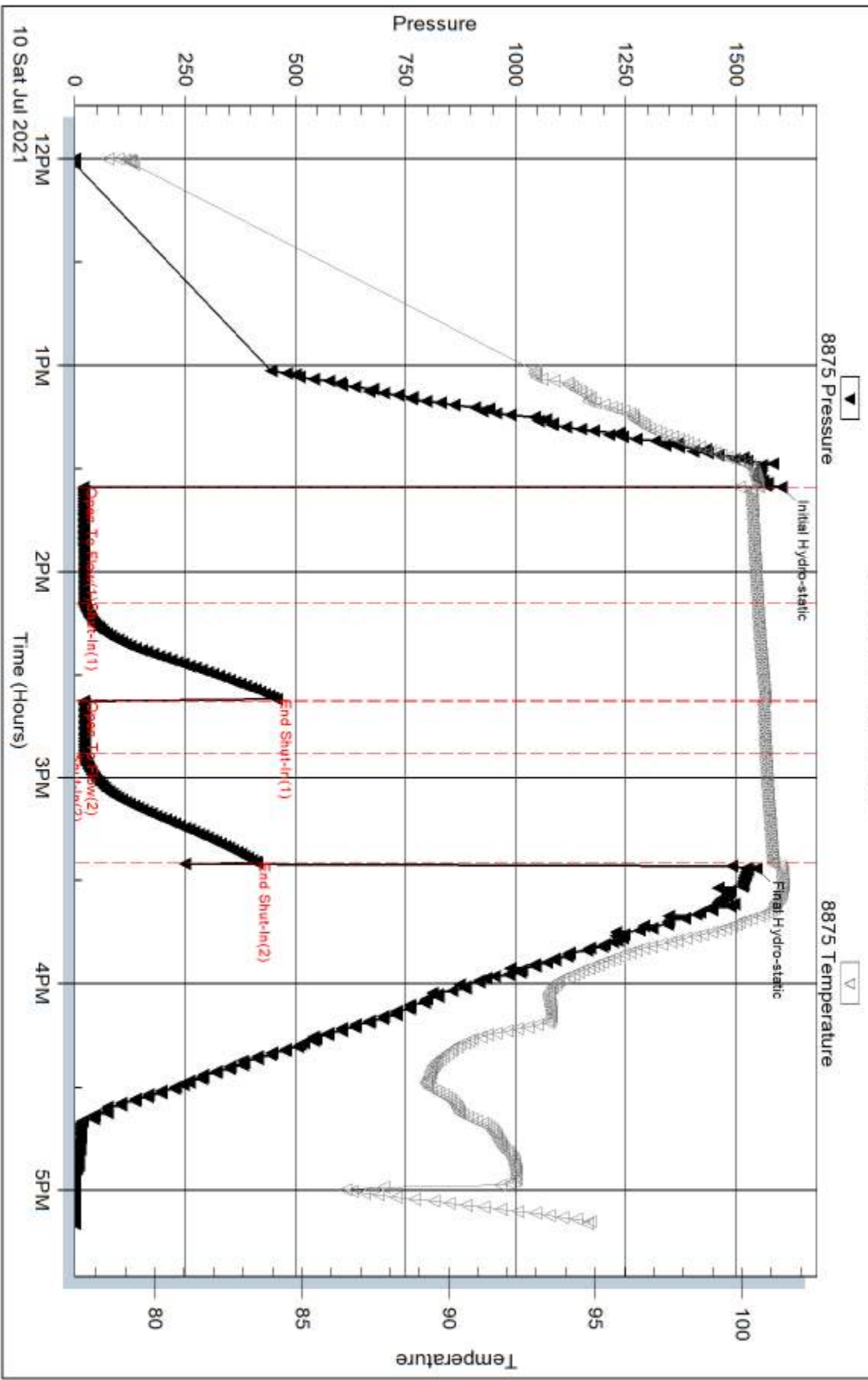
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

Pressure vs. Time



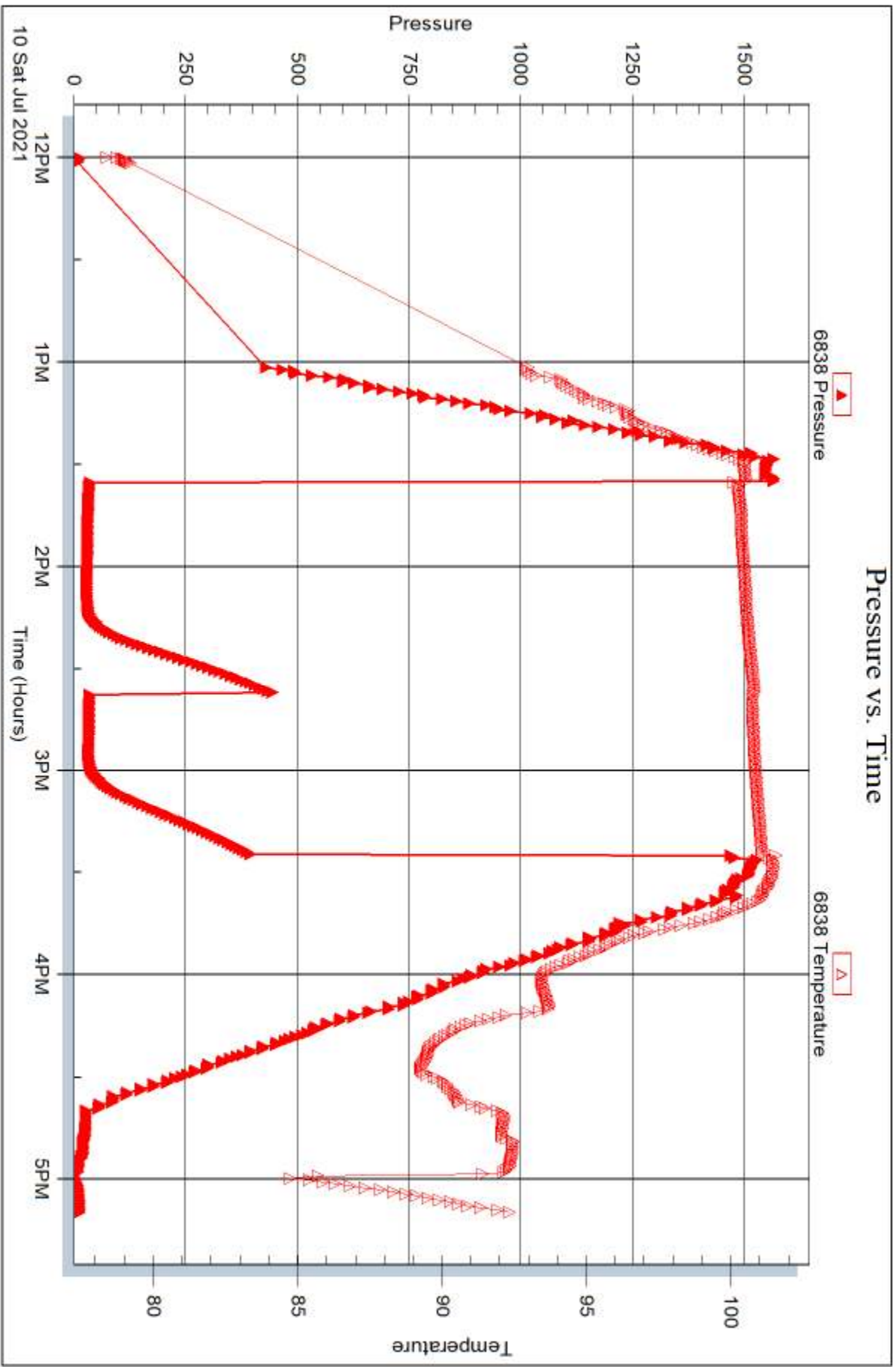
Serial #: 6838

Inside

Anchor Bay Petroleum LLC

Slimmer A #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601+9347

ATTN: Ed Glassman

Slimmer A #1

2-11s-17w Ellis,KS

Start Date: 2021.07.11 @ 11:45:00

End Date: 2021.07.11 @ 18:54:47

Job Ticket #: 67372 DST #: 3

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

Printed: 2021.07.14 @ 09:18:51



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67372

DST#: 3

ATTN: Ed Glassman

Test Start: 2021.07.11 @ 11:45:00

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:28:47
 Time Test Ended: 18:54:47
 Interval: **3325.00 ft (KB) To 3390.00 ft (KB) (TVD)**
 Total Depth: 3390.00 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: 1888.00 ft (KB)
 1883.00 ft (CF)
 KB to GR/CF: 5.00 ft

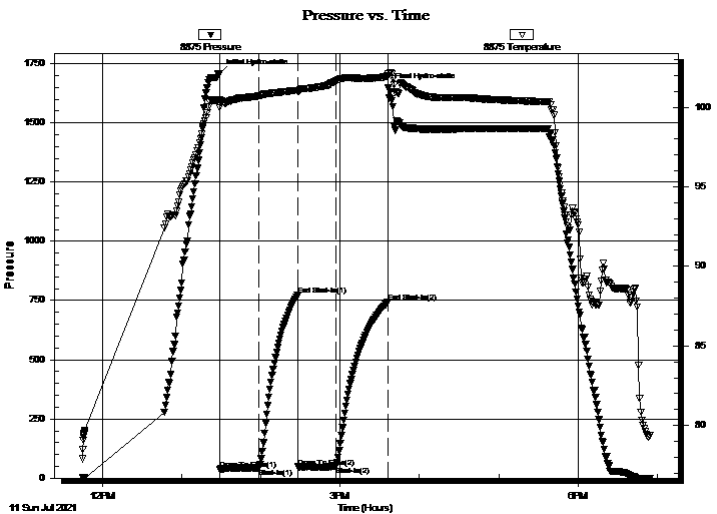
Serial #: 8875

Outside

Press@RunDepth: 48.73 psig @ 3328.00 ft (KB) Capacity: psig
 Start Date: 2021.07.11 End Date: 2021.07.11 Last Calib.: 2021.07.11
 Start Time: 11:45:01 End Time: 18:54:47 Time On Btm: 2021.07.11 @ 13:28:37
 Time Off Btm: 2021.07.11 @ 15:36:22

TEST COMMENT: 30-IF-Surface to 1"
 30-ISI-No Return
 30-FF-Surface to 1/2"
 30-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.18	100.44	Initial Hydro-static
1	38.64	99.98	Open To Flow (1)
30	42.48	100.71	Shut-In(1)
60	772.18	101.04	End Shut-In(1)
60	47.84	100.97	Open To Flow (2)
89	48.73	101.66	Shut-In(2)
128	743.00	101.96	End Shut-In(2)
128	1648.41	102.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Oil Spotted Mud 100%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

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67372

DST#: 3

ATTN: Ed Glassman

Test Start: 2021.07.11 @ 11:45:00

Tool Information

Drill Pipe:	Length: 3326.00 ft	Diameter: 3.82 inches	Volume: 47.15 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 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:	54000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3325.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	65.00 ft				
Tool Length:	98.00 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			3293.00	
Change Over Sub	1.00			3294.00	
Shut In Tool	5.00			3299.00	
Hydraulic tool	5.00		Fluid	3304.00	
Jars	5.00			3309.00	
Gap Sub	4.00			3313.00	
Safety Joint	3.00			3316.00	
Packer	5.00			3321.00	33.00 Bottom Of Top Packer
Packer	4.00			3325.00	
Stubb	1.00			3326.00	
Perforations	1.00			3327.00	
Change Over Sub	1.00			3328.00	
Recorder	0.00	6838	Inside	3328.00	
Recorder	0.00	8875	Outside	3328.00	
Drill Pipe	32.00			3360.00	
Change Over Sub	1.00			3361.00	
Perforations	26.00			3387.00	
Bullnose	3.00			3390.00	65.00 Bottom Packers & Anchor

Total Tool Length: 98.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67372

DST#: 3

ATTN: Ed Glassman

Test Start: 2021.07.11 @ 11:45:00

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:

bbl

Water Loss: 6.49 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Oil Spotted Mud 100%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:

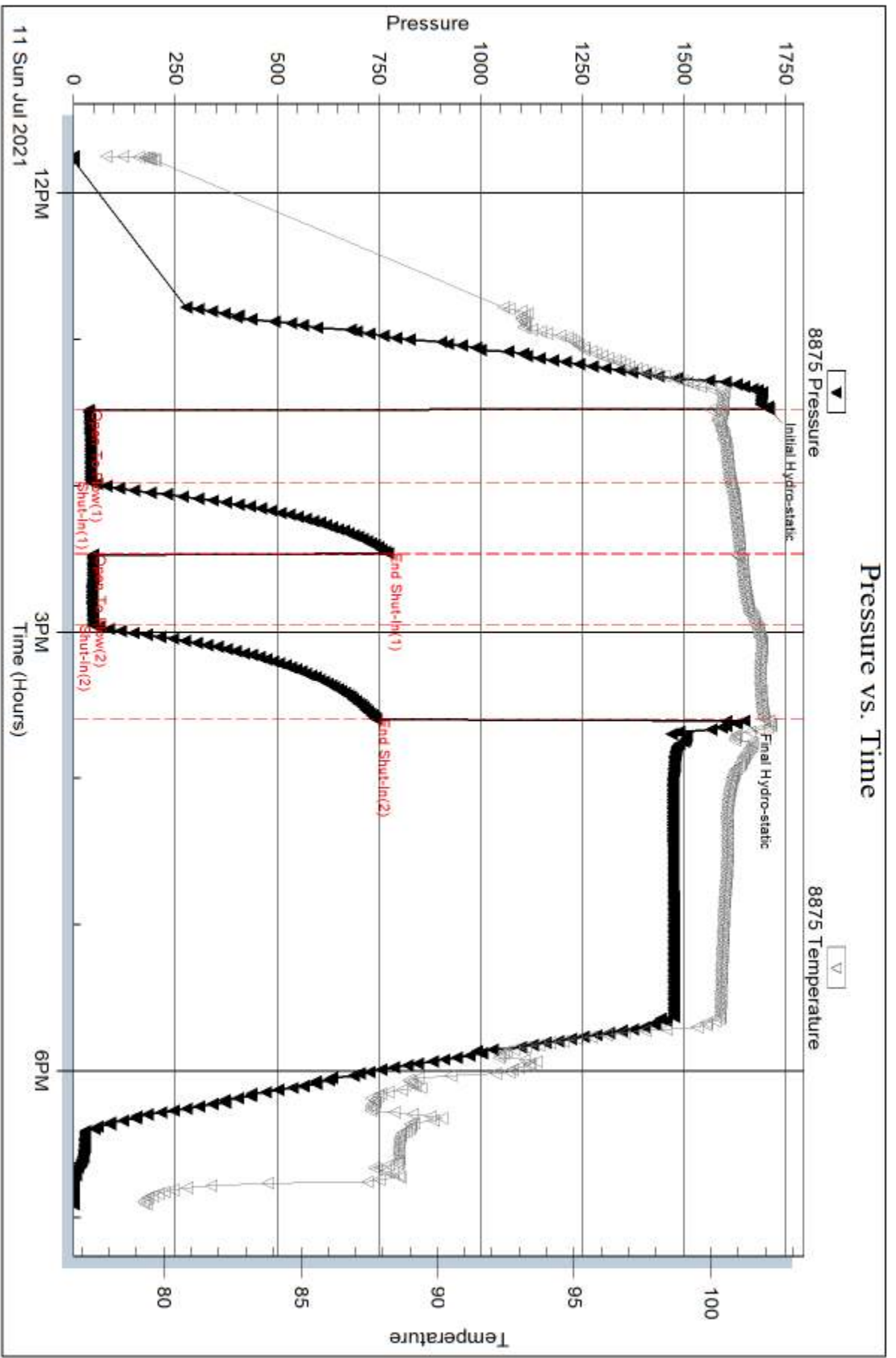
Recovery Comments: 2#LCM

Serial #: 8875

Outside Anchor Bay Petroleum LLC

Slimmer A #1

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 67372

Printed: 2021.07.14 @ 09:18:53

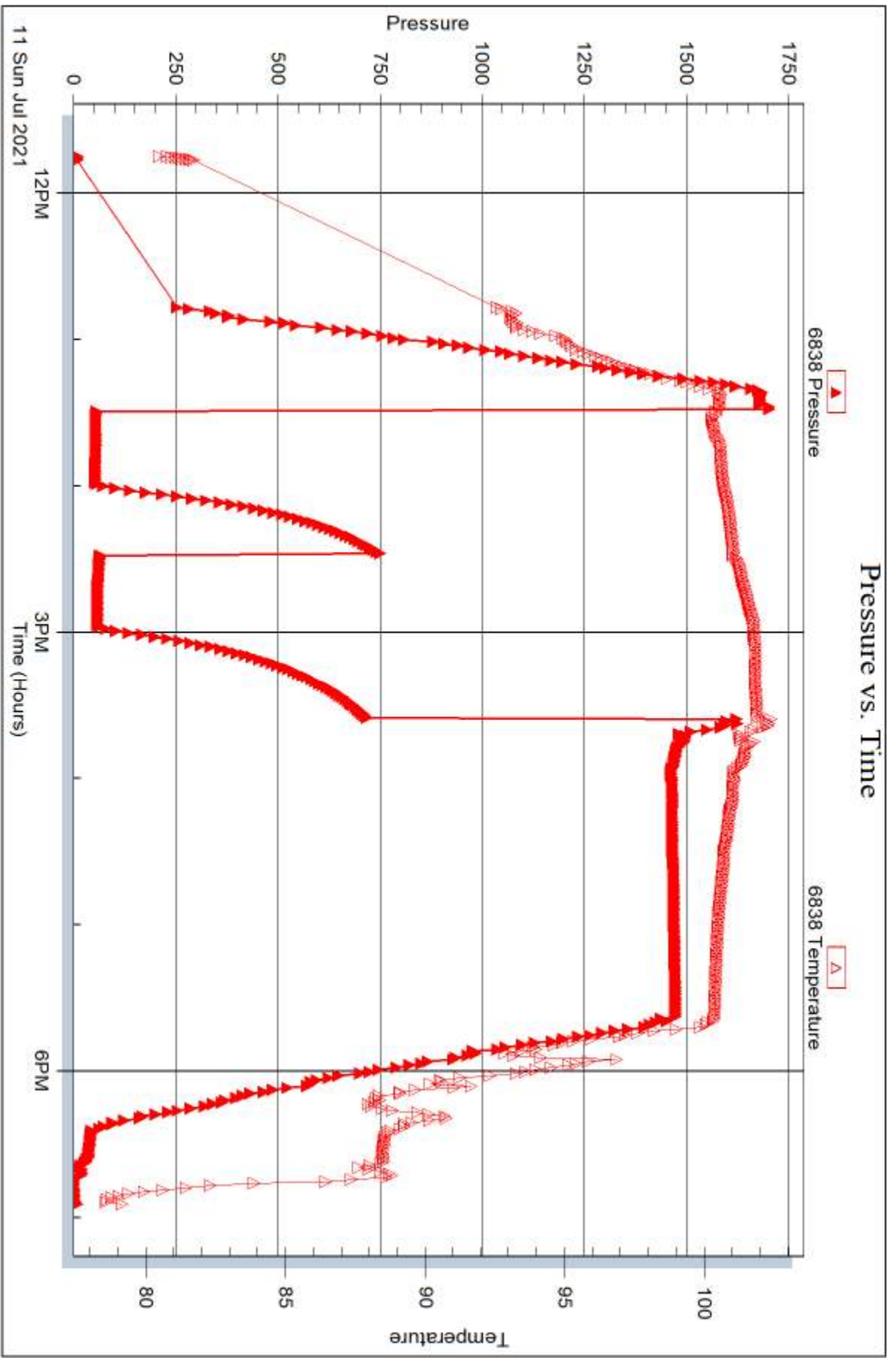
Serial #: 6838

Inside

Anchor Bay Petroleum LLC

Slimmer A #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 67372

Printed: 2021.07.14 @ 09:18:53



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays KS 67601+9347

ATTN: Ed Glassman

Slimmer A #1

2-11s-17w Ellis,KS

Start Date: 2021.07.12 @ 06:55:00

End Date: 2021.07.12 @ 13:49:26

Job Ticket #: 67373 DST #: 4

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

Printed: 2021.07.14 @ 09:18:11



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67373

DST#: 4

ATTN: Ed Glassman

Test Start: 2021.07.12 @ 06:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:01:02

Time Test Ended: 13:49:26

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

Interval: 3432.00 ft (KB) To 3456.00 ft (KB) (TVD)

Reference Elevations: 1888.00 ft (KB)

Total Depth: 3456.00 ft (KB) (TVD)

1883.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8875 Outside

Press@RunDepth: 124.86 psig @ 3433.00 ft (KB)

Capacity: psig

Start Date: 2021.07.12

End Date: 2021.07.12

Last Calib.: 2021.07.12

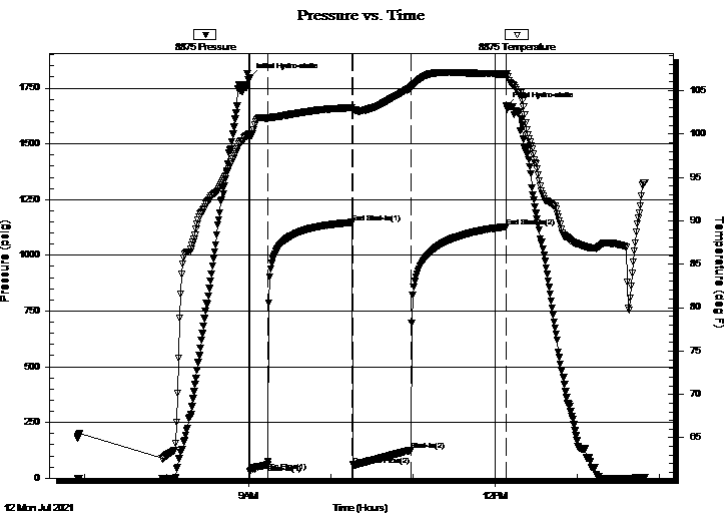
Start Time: 06:55:01

End Time: 13:49:26

Time On Btm: 2021.07.12 @ 09:00:32

Time Off Btm: 2021.07.12 @ 12:08:22

TEST COMMENT: 15-IF-Surface to 8 3/4"
60-ISI-Surface Blow Died @ 19 mins
45-FF-Surface to BOB in 26 mins Built to 16 1/2"
60-FSI-Very Weak Surface



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1795.65	100.00	Initial Hydro-static
1	31.00	99.70	Open To Flow (1)
14	60.00	101.78	Shut-In(1)
76	1147.49	103.01	End Shut-In(1)
76	59.29	102.79	Open To Flow (2)
118	124.86	105.33	Shut-In(2)
188	1128.73	106.87	End Shut-In(2)
188	1669.00	106.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MO 50%M 50%O	0.43
255.00	Clean Oil 100%O	3.61
0.00	30 GIP 100%G	0.00

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

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67373

DST#: 4

ATTN: Ed Glassman

Test Start: 2021.07.12 @ 06:55:00

Tool Information

Drill Pipe:	Length: 3425.00 ft	Diameter: 3.82 inches	Volume: 48.55 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 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:	43000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	38000.00 lb
Drill Pipe Above KB:	26.00 ft			Final	41000.00 lb
Depth to Top Packer:	3432.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	57.00 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			3400.00	
Change Over Sub	1.00			3401.00	
Shut In Tool	5.00			3406.00	
Hydraulic tool	5.00		Fluid	3411.00	
Jars	5.00			3416.00	
Gap Sub	4.00			3420.00	
Safety Joint	3.00			3423.00	
Packer	5.00			3428.00	33.00 Bottom Of Top Packer
Packer	4.00			3432.00	
Stubb	1.00			3433.00	
Recorder	0.00	6838	Inside	3433.00	
Recorder	0.00	8875	Outside	3433.00	
Perforations	20.00			3453.00	
Bullnose	3.00			3456.00	24.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

2-11s-17w Ellis,KS

1952 Victoria Rd
Hays KS 67601+9347

Slimmer A #1

Job Ticket: 67373

DST#: 4

ATTN: Ed Glassman

Test Start: 2021.07.12 @ 06:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MO 50%M 50%O	0.425
255.00	Clean Oil 100%O	3.615
0.00	30 GIP 100%G	0.000

Total Length: 285.00 ft

Total Volume: 4.040 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

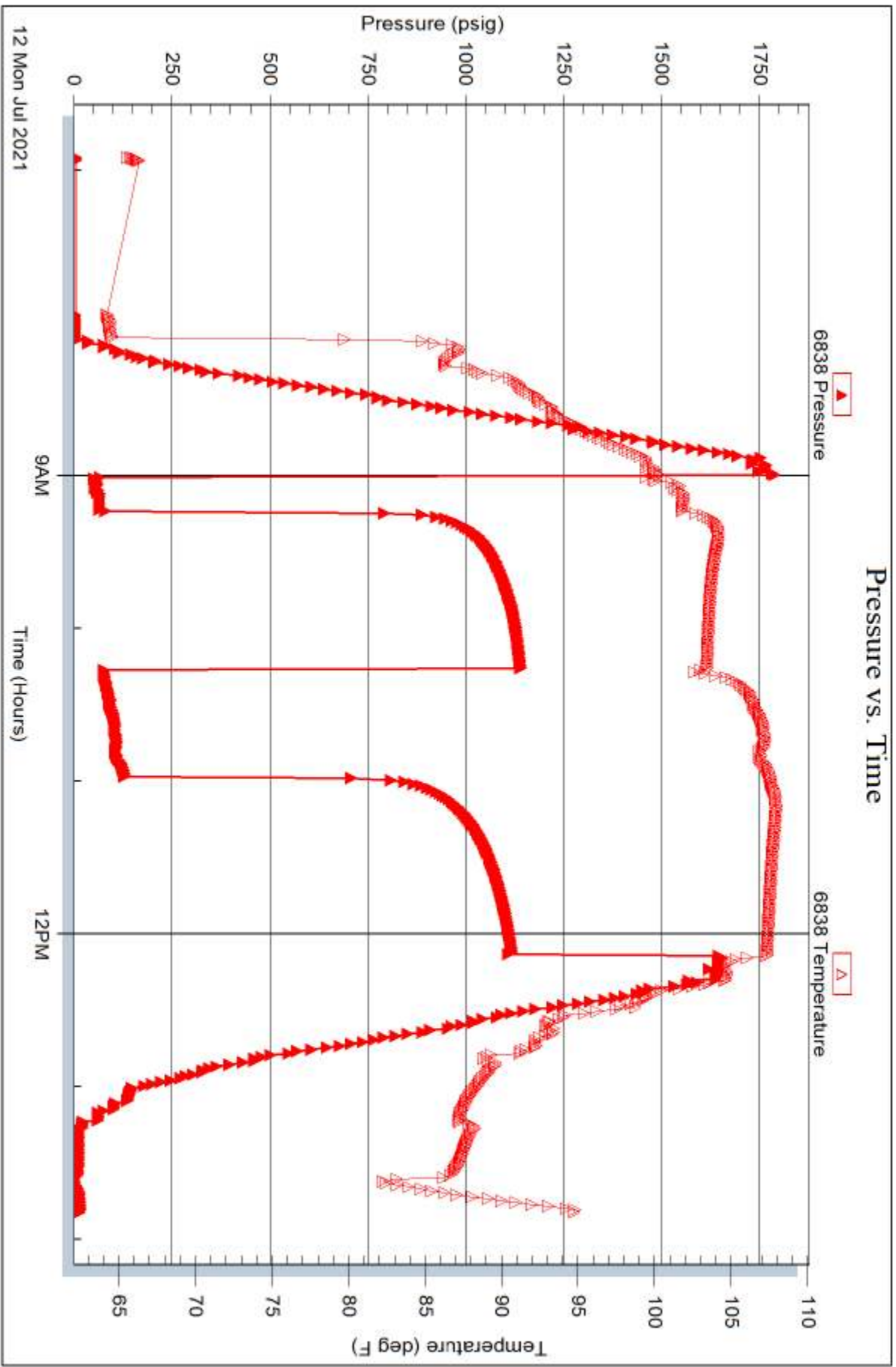
Serial #: 6838

Inside

Anchor Bay Petroleum LLC

Slimmer A #1

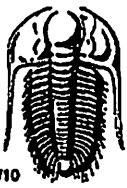
DST Test Number: 4



Tribble Testing, Inc

Ref. No: 67373

Printed: 2021.07.14 @ 09:18:13



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67370

Well Name & No. Glimmer A #1 Test No. 1 Date 07/09/2021
 Company Anchor Bay Petroleum LLC Elevation 1888 KB 1883 GL
 Address 1952 Victoria Rd Hays KS 67601+9347
 Co. Rep / Geo. Ed Shorman Rig White Knight
 Location: Sec. 2 Twp 11s Rge. 17w Co. Ellis State KS

Interval Tested 3041-3134' Zone Tested Top - LAC C
 Anchor Length 93' Drill Pipe Run 3088 Mud Wt. 9.0
 Top Packer Depth 3036' Drill Collars Run - Vls 42
 Bottom Packer Depth 3041' Wt. Pipe Run - WL 6.8
 Total Depth 3134' Chlorides 7600 ppm System LCM 2#

Blow Description 67- Surface to 1 1/2"
68- No Return
69- Surface to 1 1/4"
70- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>55'</u>	<u>Oil Spotted Mud</u>			<u>100</u>	
<u>5'</u>	<u>Clean Oil</u>	<u>100</u>			

Rec Total 60' BHT 103° Gravity - API RW - @ - °F Chlorides - ppm

- (A) Initial Hydrostatic 1495
- (B) First Initial Flow 40
- (C) First Final Flow 45
- (D) Initial Shut-In 760
- (E) Second Initial Flow 54
- (F) Second Final Flow 54
- (G) Final Shut-In 682
- (H) Final Hydrostatic 1437

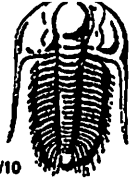
Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

- Test 1200
 - Jars 250
 - Safety Joint 75
 - Circ Sub -
 - Hourly Standby 2 200
 - Mileage 4527 56.25
 - Sampler -
 - Straddle -
 - Shale Packer -
 - Extra Packer -
 - Extra Recorder -
 - Day Standby -
 - Accessibility -
- Sub Total 1781.25

T-On Location 16:10
 T-Started 21:22
 T-Open 23:22
 T-Pulled 01:22 07/15/2021
 T-Out 03:18
 Comments supported to be out @ 18:00, out @ 21:30
 EM Tool -
 Ruined Shale Packer -
 Ruined Packer -
 Extra Copies -
 Sub Total 0
 Total 1781.25
 MP/DST Disc't -

Approved By _____ Our Representative Spencer J. Stahl Thanks!
 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.

785-259-0056



TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67371

Well Name & No. Slimmer A #1 Test No. 2 Date 07/10/2021
 Company Anchor Bay Petroleum LLC Elevation 1888 KB 1883 GL
 Address 19.52 Victoria Rd Hays KS 67601+9347
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 2 Twp 11s Rge. 17w Co. Ellis State KS

Interval Tested 3142'-3185' Zone Tested LKC A-D
 Anchor Length 43' Drill Pipe Run 3141' Mud Wt. 9.0
 Top Packer Depth 3137' Drill Collars Run — Vis 48
 Bottom Packer Depth 3142' Wt. Pipe Run — WL 6.5
 Total Depth 3185' Chlorides 1700 ppm System LCM 2#

Blow Description 27- Surface to 3/4; Dried @ 22 min
25d- No Return
27- No Blow
75d- No Return

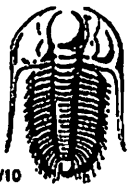
Rec	Feet of	%gas	%oil	%water	%mud
10'	Oil Spotted Mud				

Rec Total 10' BHT 101° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1603</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>11:45</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>12:00</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:31</u>
(D) Initial Shut-In <u>459</u>	<input type="checkbox"/> Circ Sub <u>—</u>	T-Pulled <u>15:16</u>
(E) Second Initial Flow <u>21</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>17:06</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage <u>4587</u> 56.25	Comments <u>—</u>
(G) Final Shut-In <u>412</u>	<input type="checkbox"/> Sampler <u>—</u>	
(H) Final Hydrostatic <u>1546</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> EM Tool <u>—</u>
	<input type="checkbox"/> Shale Packer <u>—</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	<input type="checkbox"/> Extra Copies <u>—</u>
Final Flow <u>65</u>	<input type="checkbox"/> Day Standby <u>—</u>	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility <u>—</u>	Total <u>1581.25</u>
	Sub Total <u>1581.25</u>	MP/DST Disc't <u>—</u>

Approved By _____ Our Representative Spencer J. Frank
 Triobite 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.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67372

Well Name & No. Slimmer A #1 Test No. 3 Date 07/11/2021
 Company Anchor Bay Petroleum LLC Elevation 1888 KB 1883 GL
 Address 1952 Victoria Rd Hays KS 67601+9347
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 2 Twp 11s Rge. 17w Co. Ellis State Ks

Interval Tested 3325' - 3390' Zone Tested Conglomerate
 Anchor Length 65' Drill Pipe Run 3326 Mud Wt. 9.0
 Top Packer Depth 3320' Drill Collars Run - Vis 48
 Bottom Packer Depth 3325' Wt. Pipe Run - WL 6.5
 Total Depth 3390' Chlorides 1700 ppm System LCM 2#

Blow Description 27 - Surface to 1"
33 - No Return
77 - Surface to 1/2"
78 - No Return

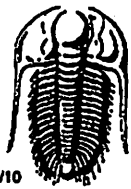
Rec	Feet of	%gas	%oil	%water	%mud
30'	Oil Spotted Mud			100	

Rec Total 30' BHT 102° Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>1709</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>11:30</u>
(B) First Initial Flow <u>38</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>11:45</u>
(C) First Final Flow <u>42</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:25</u>
(D) Initial Shut-In <u>772</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>15:25</u>
(E) Second Initial Flow <u>47</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:53</u>
(F) Second Final Flow <u>48</u>	<input checked="" type="checkbox"/> Mileage <u>45x2</u> 56.25+56.25	Comments <u>pulled tight</u>
(G) Final Shut-In <u>743</u>	<input type="checkbox"/> Sampler	<u>went to hays</u>
(H) Final Hydrostatic <u>1648</u>	<input type="checkbox"/> Straddle	<u>Worked on DW while</u>
	<input type="checkbox"/> Shale Packer	<u>tripping out</u>
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	Sub Total <u>0</u>
	Sub Total <u>1637.50</u>	Total <u>1637.50</u>

MP/DST Disc't _____

Approved By _____ Our Representative _____
 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. 67373

Well Name & No. Slimmer A #1 Test No. 4 Date 07/12/2021
 Company Anchor Bay Petroleum LLC Elevation 1888 KB 1883 GL
 Address 1952 Victoria Rd Hays KS 67601+9347
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 2 Twp 11s Rge. 17w Co. Ellis State KS

Interval Tested 3432-3456' Zone Tested Arbuckle
 Anchor Length 24' Drill Pipe Run 3425' Mud Wt. 9.4
 Top Packer Depth 3427' Drill Collars Run - Vis 59
 Bottom Packer Depth 3432' Wt. Pipe Run - WL 7.2
 Total Depth 3456' Chlorides 8800 ppm System LCM 1H

Blow Description 27- Surface to 8 3/4"
25'- Surface Blow; Died @ 19 mins
77- Surface to BOB 26 mins; Built to 16 1/2"
78- Very Weak Surface

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>MO</u>	<u>50</u>		<u>50</u>	
<u>255</u>	<u>Clean Oil</u>	<u>100</u>			
	<u>30' GIP</u>	<u>100</u>			

Rec Total 285 BHT 106° Gravity 23° API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>179.5</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>06:15</u>
(B) First Initial Flow <u>31</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>06:55</u>
(C) First Final Flow <u>60</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>08:55</u>
(D) Initial Shut-In <u>1147</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>11:55</u>
(E) Second Initial Flow <u>.59</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>13:45</u>
(F) Second Final Flow <u>124</u>	<input checked="" type="checkbox"/> Mileage <u>56.25</u>	Comments
(G) Final Shut-In <u>1128</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1669</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1581.25</u>
	Sub Total <u>1581.25</u>	MP/DST Disc't

Approved By _____ Our Representative Spencer J. Frank Thanks!

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785-259-0056

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. 2248

Date	7/6/21	Sec.	2	Twp.	11	Range	17	County	Ellis	State	Kansas	On Location		Finish	2:30pm
								Location							
								Codell River Rd - 1 N 1/4 E N10							

Lease	Slimmer A	Well No.	1	Owner		
Contractor	White Knight			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	Surface			Charge To	Anchor Bay	
Hole Size	12 1/4	T.D.	220	Street		
Csg.	8 5/8	Depth	218.59	City	State	
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
Tool		Depth		Cement Amount Ordered		
Cement Left in Csg.	15'	Shoe Joint	15'	150 ⁸⁰ / ₂₀ 3% cc 2% gel		
Meas Line		Displace	12.9			

EQUIPMENT

Pumptrk	16	No.	Cementer		Common	120
			Helper	David	Poz. Mix	30
Bulktrk	15	No.	Driver		Gel.	3
			Driver	Doug	Calcium	6
Bulktrk		No.	Driver			
			Driver			

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		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	27

		Tax	
		Discount	
		Total Charge	

X Signature *Terry Austin*

Thanks

Ran 8 5/8 casing and est. Circulation

Cemented with 150 sks

Cement did circulate

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. 1692

Date	7/13/21	Sec.	2	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	1:00 PM				
Lease								Location		Codell River Rd Set 1N									
Slimmer A								Well No. 1		Owner 1/4 E									
Contractor White Knight								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 prod string								Charge To Anchor Bay											
Hole Size 1 7/8				T.D. 3590				Street											
Csg. 5 1/2				Depth 10238 3588				City				State							
Tbg. Size				Depth				City				State							
Tool post collar				Depth 1107				The above was done to satisfaction and supervision of owner agent or contractor.											
Cement Left in Csg.				Shoe Joint 42 40				Cement Amount Ordered 175 com 10% salt											
Meas Line				Displace 84 1/2				5% gibsonite 500 gal mud clear											
EQUIPMENT								Common 175											
Pumptrk 16		No.		Cementer		David		Poz. Mix											
Bulktrk 15		No.		Driver		Doug		Gel.											
Bulktrk PU		No.		Driver		Dave		Calcium											
JOB SERVICES & REMARKS								Hulls											
Remarks:								Salt 13											
Rat Hole 30 sk								Flowseal											
Mouse Hole								Kol-Seal 750 #											
Centralizers 1, 6, 10, 15, 62								Mud CLR 48 500 gal											
Baskets 4 x 60 port collar								CFL-117 or CD110 CAF 38											
D/V or Port Collar								Sand											
Ran pipe to 3588								Handling 195											
cir for 1/2 hr. pump								Mileage											
20 BBT + 20 Followed								FLOAT EQUIPMENT											
w/ 500 gal mud clear								Guide Shoe 1											
mixed 150 sk cleared								Centralizer 5											
line & displaced w/ 84 1/2 BBL								Baskets 2											
LIFT pressure 2800 psi								AEU inserts 1											
Landed plug @ 1500 psi								Float Shoe 1											
Released & float held								Latch Down 1											
								1 port collar											
								Pumptrk Charge prod string											
								Mileage 27											
X Signature <i>[Signature]</i>								Thanks <i>[Signature]</i>								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. 2501

Date	8-9-21	Sec.	2	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	1:30 pm
Lease								Location		Coddell River Rd IN E+N					
Slimmer								Well No.		A-1					
Contractor								Owner		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		Anchor Bay					
Hole Size								T.D.							
Csg.								Depth							
Tbg. Size								Depth							
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Cement Left in Csg.								Shoe Joint		Cement Amount Ordered 300 80/40 QMDC 1/4 Flt					
Meas Line								Displace		6 gel					
EQUIPMENT															
Pumptrk 16								No.		Cementer					
										Helper					
Bulktrk								No.		Driver					
										Driver					
Bulktrk 21								No.		Driver					
										Driver					
JOB SERVICES & REMARKS															
Remarks:								Hulls							
Rat Hole								Salt							
Mouse Hole								Flowseal 75#							
Centralizers								Kol-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
Found tool								Sand 302							
tested casing @ 800psi								Handling							
mixed 5k gel to port collar opened & followed								Mileage							
we 2sk gel, got air								FLOAT EQUIPMENT							
mixed 300 sk had air								Guide Shoe							
thick mud & shut off								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge port collar Job							
								Mileage 27							
Signature <i>[Signature]</i> Thanks								Tax							
								Discount							
								Total Charge							

Blairmont Consulting LLC
API 15-051-27005-00-00
GEOLOGIST'S REPORT

OPERATOR: Blairmont Consulting LLC
WELL NO.: 1
ELEVATION: 1886

LEASE: Slimmer A
FIELD: Legacy Leakeys
LOCATION: 330 FWL & 380 FSL
SEC: 2 TWP: 11S RGE: 17W
COUNTY: Ellis STATE: Kansas

CONTRACTOR: White Knight Drilling LLC
COMPL: 07-13-2021
PRODUCTION: 07-13-2021
SURFACE SWD FROM: 21400 TO: 17100
SAMPLES SWD FROM: 21400 TO: 17100
DRILLING TIME FROM: 21400 TO: 17100
SAMPLES EXAMINED FROM: 21400 TO: 17100
RECORDED SUPERVISION FROM: 21400 TO: 17100
MUD UP: 21400 TO: 17100

FORMATION: TOP DATA TOP DATA TOP DATA TOP DATA
17100 (1710) 1710 (1710) 1710 (1710) 1710 (1710)
1710 (1710) 1710 (1710) 1710 (1710) 1710 (1710)
1710 (1710) 1710 (1710) 1710 (1710) 1710 (1710)

MEASUREMENTS ARE ALL FROM: Surface
CASING RECORD: 218'
SURFACE: 218'
PRODUCTION: 07-13-2021
150258846 3726 2284
150258846 3726 2284
150258846 3726 2284

DEVIATION: Vertical
ELECTRICAL SUMMERS: None
DENSITY-NEUTRON: None
MUD UP: 21400 TO: 17100

Reference well for structural comparison: SIMPSON #1, 710 FSL, 393 FEET
Anchor: 43' DeWitt
Elev: 1886



DATE: 07-06-21 TIME: 8:00
DATE: 07-07-21 TIME: 10:00
DATE: 07-08-21 TIME: 10:00
DATE: 07-09-21 TIME: 10:30
DATE: 07-10-21 TIME: 11:30
DATE: 07-11-21 TIME: 11:30
DATE: 07-12-21 TIME: 11:30

DATE	TIME	NO	SIZE	NAME	TYPE	DEPTH	FEET	INCHES
07-06-21	8:00	1	1 1/2"	JT	JT	222	232	2 1/4
07-07-21	10:00	2	1 1/2"	PDC	PDC	200	237	4 1/2
07-08-21	10:00	3	1 1/2"	HTC	HTC	390	70	2 1/4
07-09-21	10:30	4	7/8"	HTC	HTC	370	200	2 1/4
07-10-21	11:30	5	1 1/2"	HTC	HTC	370	200	2 1/4
07-11-21	11:30	6	1 1/2"	HTC	HTC	370	200	2 1/4
07-12-21	11:30	7	1 1/2"	HTC	HTC	370	200	2 1/4

NO	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH
1	21400	21400	21400	21400	21400	21400	21400	21400	21400
2	21400	21400	21400	21400	21400	21400	21400	21400	21400
3	21400	21400	21400	21400	21400	21400	21400	21400	21400
4	21400	21400	21400	21400	21400	21400	21400	21400	21400
5	21400	21400	21400	21400	21400	21400	21400	21400	21400
6	21400	21400	21400	21400	21400	21400	21400	21400	21400
7	21400	21400	21400	21400	21400	21400	21400	21400	21400
8	21400	21400	21400	21400	21400	21400	21400	21400	21400
9	21400	21400	21400	21400	21400	21400	21400	21400	21400
10	21400	21400	21400	21400	21400	21400	21400	21400	21400

DRILL TIME IN MINUTES PER FOOT
Rate of Penetration Decreases
5" 10" 15" 20" 25"

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
1080	ANHYDRITE	1080-1100		
1100	ANHYDRITE	1100-1130		
1130	ANHYDRITE	1130-1140		
1140	SH: gry, blk-y-pty	1140-1200		Start 1' drlg time 10' W/D Smp/ls Geo on Location 07-09-2021 10:30p
1200	LS: tan, mtd, fos, NS	1200-1230		MUD DISPLACE MUD CO/SERVICE MUD INC.
1230	LS: SAB	1230-1300		
1300	SH: gry, sme lt blk-grn	1300-1400		
1400	SH: SAB	1400-1500		
1500	LS: tan, lt gry, mtd, fos, Fet	1500-1600		
1600	LS: SAB	1600-1700		
1700	SH: gry, vari clod, Fet	1700-1800		
1800	LS: tan, mtd, med, blk, fos, sme mtd, Fet	1800-1900		
1900	SH: vari clod, Fet	1900-2000		
2000	LS: tan, lt brn, med, blk, fos, sme mtd, Fet	2000-2100		
2100	SH: gry	2100-2200		
2200	LS: tan, f-med, xln, fos, inter xln-fos, Fet, NS	2200-2300		
2300	SH: gry, pty	2300-2400		
2400	LS: lt gry, f-med, xln, inter xln, NS	2400-2500		
2500	LS: lt gry, sli mtd, med, blk, inter xln, NS	2500-2600		
2600	LS: tan, lt gry, f-med, xln, inter xln, NS, sme Fet, sme lt blk-grn shale	2600-2700		
2700	SH: blk, carb	2700-2800		
2800	LS: gry, mtd, med, xln, fos, Fet, set, lt blk-grn sh, NS	2800-2900		
2900	LS: gry, f-med, xln, inter xln, NS	2900-3000		
3000	LS: tan, f-med, xln, NS	3000-3100		
3100	LS: tan, lt brn, med, blk, inter xln, NS	3100-3200		
3200	SH: blk, carb	3200-3300		
3300	SH: gry	3300-3400		
3400	LS: lt tan, f-med, xln, inter xln, NS	3400-3500		
3500	LS: tan, lt brn, fos, inter xln-fos, NS	3500-3600		
3600	LS: lt tan, f-med, xln, inter xln, NS, Fet, few pieces sh, lt blk-grn, NS	3600-3700		
3700	SH: blk, carb	3700-3800		
3800	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	3800-3900		
3900	SH: blk, carb	3900-4000		
4000	SH: gry, set, med pieces, Fet, lt blk-grn sh	4000-4100		
4100	LS: lt tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	4100-4200		
4200	SH: gry, pty	4200-4300		
4300	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	4300-4400		
4400	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	4400-4500		
4500	SH: blk, carb	4500-4600		
4600	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	4600-4700		
4700	SH: gry, pty	4700-4800		
4800	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	4800-4900		
4900	SH: blk, carb	4900-5000		
5000	SH: gry, set, med pieces, Fet, lt blk-grn sh	5000-5100		
5100	LS: lt tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	5100-5200		
5200	SH: gry, pty	5200-5300		
5300	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	5300-5400		
5400	SH: blk, carb	5400-5500		
5500	SH: gry	5500-5600		
5600	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	5600-5700		
5700	SH: blk, carb	5700-5800		
5800	SH: gry	5800-5900		
5900	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	5900-6000		
6000	SH: blk, carb	6000-6100		
6100	SH: gry	6100-6200		
6200	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	6200-6300		
6300	SH: blk, carb	6300-6400		
6400	SH: gry	6400-6500		
6500	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	6500-6600		
6600	SH: blk, carb	6600-6700		
6700	SH: gry	6700-6800		
6800	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	6800-6900		
6900	SH: blk, carb	6900-7000		
7000	SH: gry	7000-7100		
7100	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	7100-7200		
7200	SH: blk, carb	7200-7300		
7300	SH: gry	7300-7400		
7400	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	7400-7500		
7500	SH: blk, carb	7500-7600		
7600	SH: gry	7600-7700		
7700	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	7700-7800		
7800	SH: blk, carb	7800-7900		
7900	SH: gry	7900-8000		
8000	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	8000-8100		
8100	SH: blk, carb	8100-8200		
8200	SH: gry	8200-8300		
8300	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	8300-8400		
8400	SH: blk, carb	8400-8500		
8500	SH: gry	8500-8600		
8600	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	8600-8700		
8700	SH: blk, carb	8700-8800		
8800	SH: gry	8800-8900		
8900	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	8900-9000		
9000	SH: blk, carb	9000-9100		
9100	SH: gry	9100-9200		
9200	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	9200-9300		
9300	SH: blk, carb	9300-9400		
9400	SH: gry	9400-9500		
9500	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	9500-9600		
9600	SH: blk, carb	9600-9700		
9700	SH: gry	9700-9800		
9800	LS: tan, f-med, xln, inter xln, NS, Fet, set, blk-grn sh	9800-9900		
9900	SH: blk, carb	9900-10000		

CONTRACTOR: White Knight Drilling LLC LOCATION: 330 FWL & 380 FSL
LEASE: Slimmer A IP: _____ SEC: 2 TWP: 11S RNG: 17W
ELEVATION: 1886 KB RTD: 3590 COUNTY: Ellis STATE: Kansas

DRILLING TIME IN MINUTES PER FOOT
Rate of Penetration Decreases
5" 10" 15" 20" 25"

DRILL STEM TESTS
No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

LEGEND
Anhydrite Salt Sandstone Shale Carb sh Limestone Oil Lime Chert Dolomite

REMARKS
Start 1' drlg time
10' W/D Smp/ls
Geo on Location
07-09-2021 10:30p
MUD DISPLACE
MUD CO/SERVICE
MUD INC.
VIS 42
FIL 9.0
CL 7600
LCM 2#
DST #1
3041-3134
93' Anchor
30-30-30-30
IFP: 1 1/2" blk @ 45#
FSP: 760#
FIP: 1 1/2" blk @ 54#
FSP: 682#
REC: 5' clean oil
55' oil spnd mud
DST #2
3142-3195
43' Anchor
30-30-15-30
IFP: 3/4" blk @ 22#
FSP: 499#
FIP: no blk @ 22#
FSP: no blk @ 412#
REC: 10' oil spnd mud
-LOSING RETURNS @ 320' @ 100 bbls
PIPE STRAP @ 3134
STRAP 2501.87
BOARD 2501.33
STRAP .54 LONG
VIS 55
WT 9.1
FIL 7.8
CL 9700
LCM 2#
DST #3
3325-3390
65' Anchor
30-30-30-30
IFP: 1" blk @ 42#
FSP: surface blk @ 147#
FIP: 80B @ 28 min @ 128#
FSP: surface blk @ 1128#
REC: 36' oil spnd mud
DST #4
3432-3456
15-60-45-60
IFP: 8 1/2" blk @ 60#
FSP: surface blk @ 147#
FIP: 80B @ 28 min @ 128#
FSP: surface blk @ 1128#
REC: 36' oil spnd mud
SURVEY @ 3590'
31.4