

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays, KS 67601+9347

ATTN: Ed Glassman

D&S Farms #1

11-11s-17w Ellis,KS

Start Date: 2021.03.19 @ 13:50:00

End Date: 2021.03.19 @ 23:31:37

Job Ticket #: 66917 DST #: 1

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

Printed: 2021.03.23 @ 08:44:48

Anchor Bay Petroleum LLC
11-11s-17w Ellis,KS
D&S Farms #1
DST # 1
LKC A-C
2021.03.19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66917

DST#: 1

ATTN: Ed Glassman

Test Start: 2021.03.19 @ 13:50:00

GENERAL INFORMATION:

Formation: **LKC A-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:17:22

Time Test Ended: 23:31:37

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 84

Interval: 3024.00 ft (KB) To 3114.00 ft (KB) (TVD)

Reference Elevations: 1857.00 ft (KB)

Total Depth: 3114.00 ft (KB) (TVD)

1852.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6838

Inside

Press@RunDepth: 23.38 psig @ 3027.00 ft (KB)

Capacity: psig

Start Date: 2021.03.19

End Date:

2021.03.19

Last Calib.:

2021.03.19

Start Time: 13:50:01

End Time:

23:31:36

Time On Btm:

2021.03.19 @ 20:17:12

Time Off Btm:

2021.03.19 @ 21:48:32

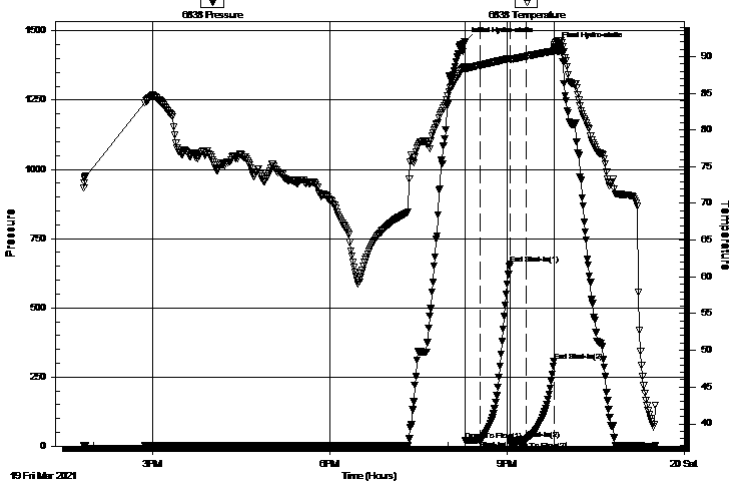
TEST COMMENT: 15-IF-Surface to 1"

30-ISI-No Return

15-FF-2" immediately Stayed at 2"

30-FSI-No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1462.42	88.59	Initial Hydro-static
1	19.68	88.15	Open To Flow (1)
16	21.32	88.79	Shut-In(1)
46	659.38	89.73	End Shut-In(1)
47	18.42	89.65	Open To Flow (2)
63	23.38	90.02	Shut-In(2)
91	306.29	90.77	End Shut-In(2)
92	1444.51	91.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	SOCM 5%O 95%M	0.35

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66917

DST#: 1

ATTN: Ed Glassman

Test Start: 2021.03.19 @ 13:50:00

Tool Information

Drill Pipe:	Length: 3013.00 ft	Diameter: 3.82 inches	Volume: 42.71 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:	64000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3024.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	90.00 ft				
Tool Length:	124.00 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			2991.00	
Change Over Sub	1.00			2992.00	
Shut In Tool	5.00			2997.00	
Hydraulic tool	5.00		Fluid	3002.00	
Jars	5.00			3007.00	
Gap Sub	5.00			3012.00	
Safety Joint	3.00			3015.00	
Packer	5.00			3020.00	34.00 Bottom Of Top Packer
Packer	4.00			3024.00	
Stubb	1.00			3025.00	
Perforations	1.00			3026.00	
Change Over Sub	1.00			3027.00	
Recorder	0.00	6838	Inside	3027.00	
Recorder	0.00	8875	Inside	3027.00	
Drill Pipe	64.00			3091.00	
Change Over Sub	1.00			3092.00	
Perforations	19.00			3111.00	
Bullnose	3.00			3114.00	90.00 Bottom Packers & Anchor

Total Tool Length: 124.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66917

DST#: 1

ATTN: Ed Glassman

Test Start: 2021.03.19 @ 13:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	SOCM 5%O 95%M	0.354

Total Length: 25.00 ft Total Volume: 0.354 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM

Serial #: 6838

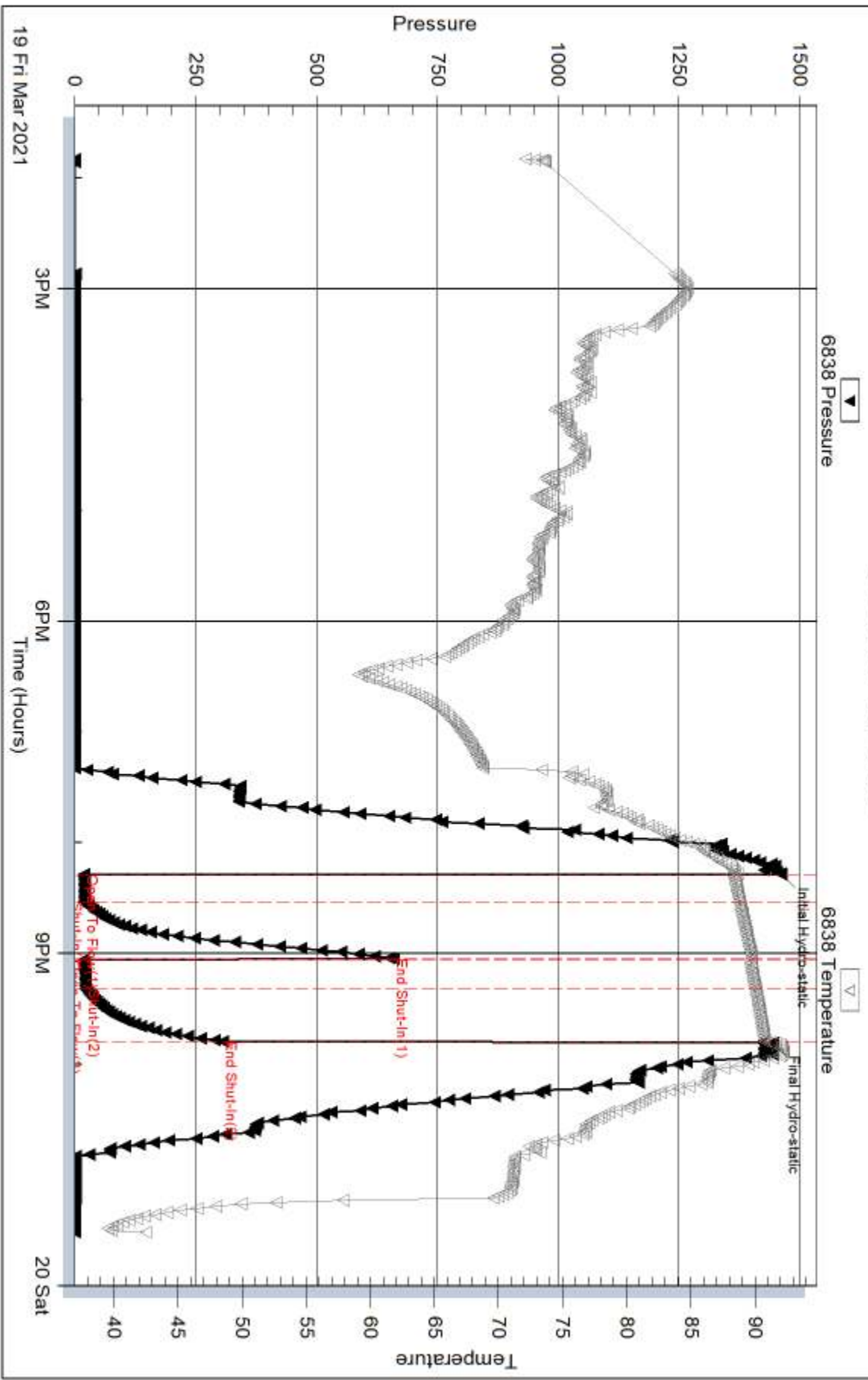
Inside

Anchor Bay Petroleum LLC

D&S Farms #1

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 66917

Printed: 2021.03.23 @ 08:44:48

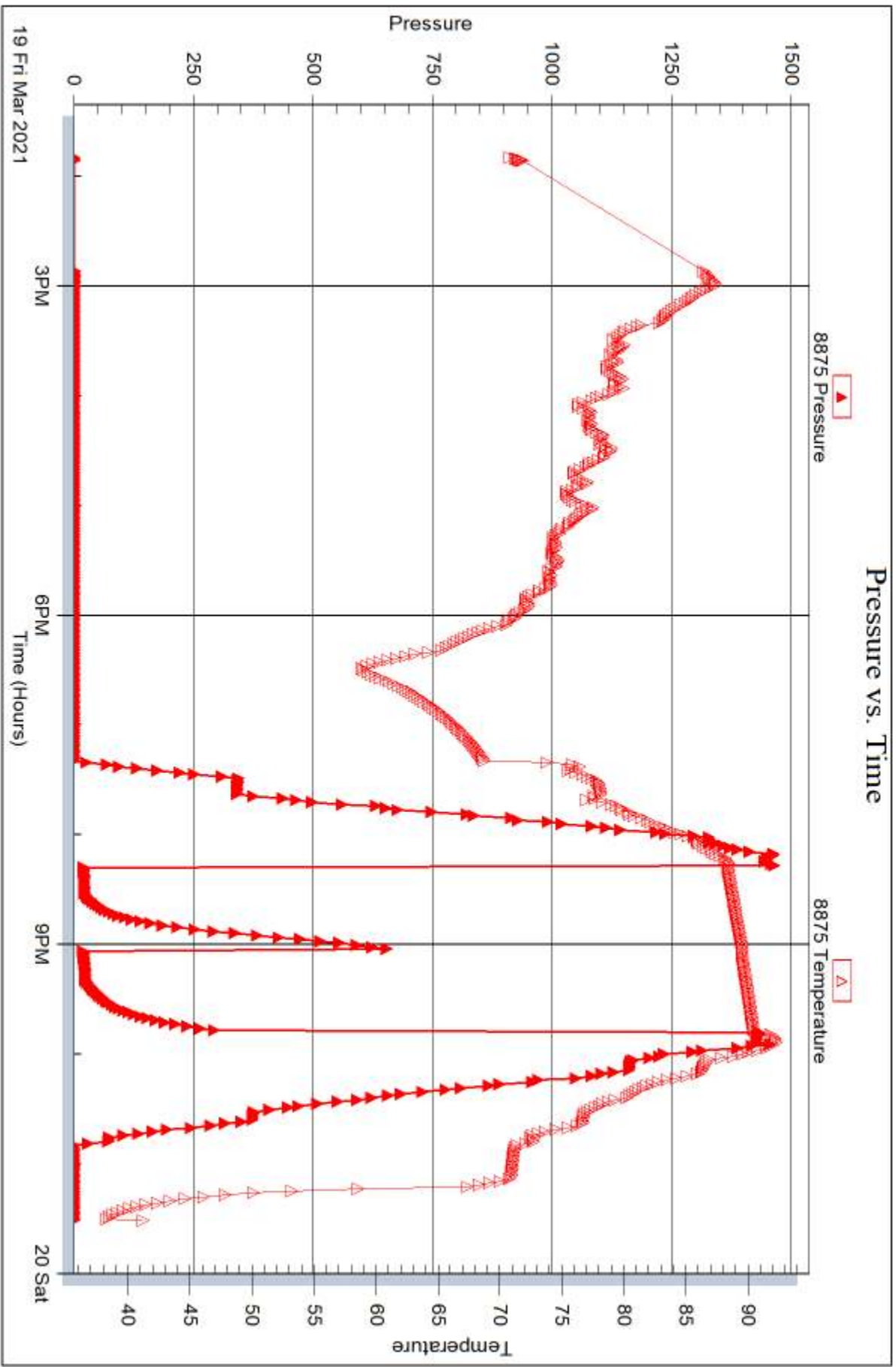
Serial #: 8875

Inside

Anchor Bay Petroleum LLC

D&S Farms #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays, KS 67601+9347

ATTN: Ed Glassman

D&S Farms #1

11-11s-17w Ellis,KS

Start Date: 2021.03.20 @ 07:30:00

End Date: 2021.03.20 @ 15:19:47

Job Ticket #: 66918 DST #: 2

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

Printed: 2021.03.23 @ 08:44:20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66918

DST#: 2

ATTN: Ed Glassman

Test Start: 2021.03.20 @ 07:30:00

GENERAL INFORMATION:

Formation: **LKC E-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:05:17

Time Test Ended: 15:19:47

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

Interval: 3116.00 ft (KB) To 3162.00 ft (KB) (TVD)

Reference Elevations: 1857.00 ft (KB)

Total Depth: 3162.00 ft (KB) (TVD)

1852.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6838

Inside

Press@RunDepth: 147.06 psig @ 3119.00 ft (KB)

Capacity: psig

Start Date: 2021.03.20

End Date: 2021.03.20

Last Calib.: 2021.03.20

Start Time: 07:30:01

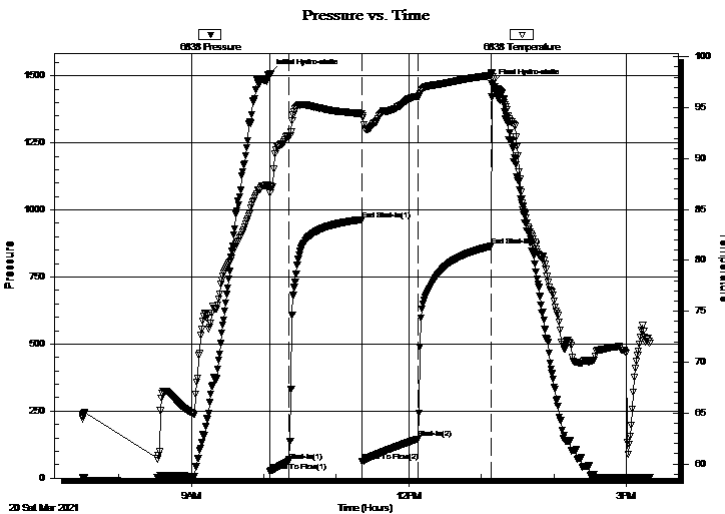
End Time: 15:19:47

Time On Btm: 2021.03.20 @ 10:05:12

Time Off Btm: 2021.03.20 @ 13:08:37

TEST COMMENT: 15-IF-BOB 3 1/2 mins Built to 36"
60-ISI-Weak Surface Died in 25 mins
45-FF-BOB 1 3/4 mins Built to 101"
60-FSI-Surface to 4" Started dying at 10 mins Died to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1509.03	87.32	Initial Hydro-static
1	26.45	86.63	Open To Flow (1)
16	63.61	92.20	Shut-In(1)
76	963.15	94.41	End Shut-In(1)
77	61.92	94.16	Open To Flow (2)
123	147.06	96.10	Shut-In(2)
184	865.17	98.20	End Shut-In(2)
184	1471.19	98.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GMCO 10%G 10%M 80%O	2.13
120.00	VGO 70%G 30%O	1.70
60.00	GO 20%G 80%O	0.85
0.00	1080 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

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66918

DST#: 2

ATTN: Ed Glassman

Test Start: 2021.03.20 @ 07:30:00

Tool Information

Drill Pipe:	Length: 3107.00 ft	Diameter: 3.82 inches	Volume: 44.04 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: 50000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3116.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	80.00 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			3083.00	
Change Over Sub	1.00			3084.00	
Shut In Tool	5.00			3089.00	
Hydraulic tool	5.00		Fluid	3094.00	
Jars	5.00			3099.00	
Gap Sub	5.00			3104.00	
Safety Joint	3.00			3107.00	
Packer	5.00			3112.00	34.00 Bottom Of Top Packer
Packer	4.00			3116.00	
Stubb	1.00			3117.00	
Perforations	1.00			3118.00	
Change Over Sub	1.00			3119.00	
Recorder	0.00	6838	Inside	3119.00	
Recorder	0.00	8875	Inside	3119.00	
Drill Pipe	32.00			3151.00	
Change Over Sub	1.00			3152.00	
Perforations	7.00			3159.00	
Bullnose	3.00			3162.00	46.00 Bottom Packers & Anchor

Total Tool Length: 80.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66918

DST#: 2

ATTN: Ed Glassman

Test Start: 2021.03.20 @ 07:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
150.00	GMCO 10%G 10%M 80%O	2.126
120.00	VGO 70%G 30%O	1.701
60.00	GO 20%G 80%O	0.851
0.00	1080 GIP 100%G	0.000

Total Length: 330.00 ft

Total Volume: 4.678 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

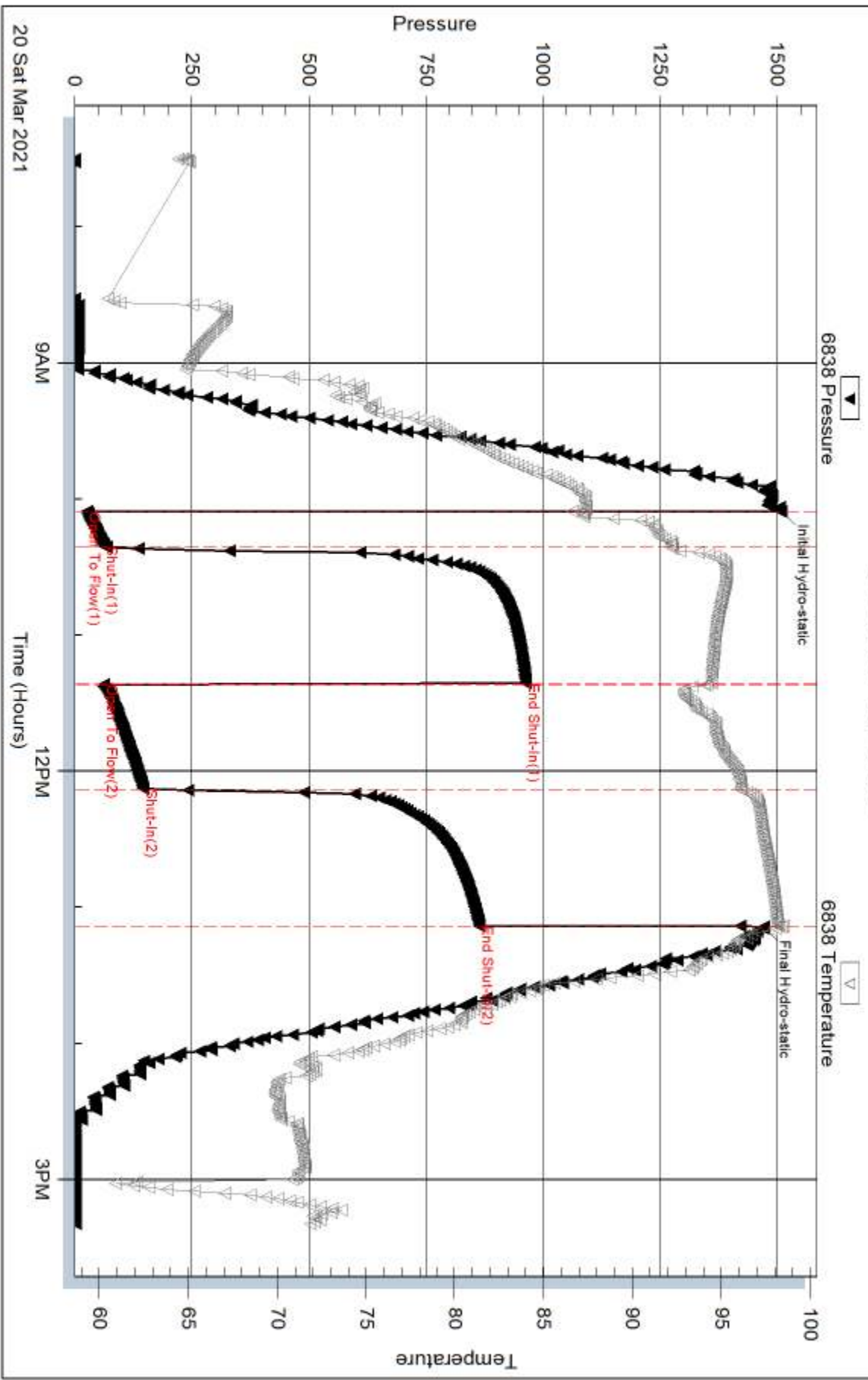
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3#LCM

Pressure vs. Time



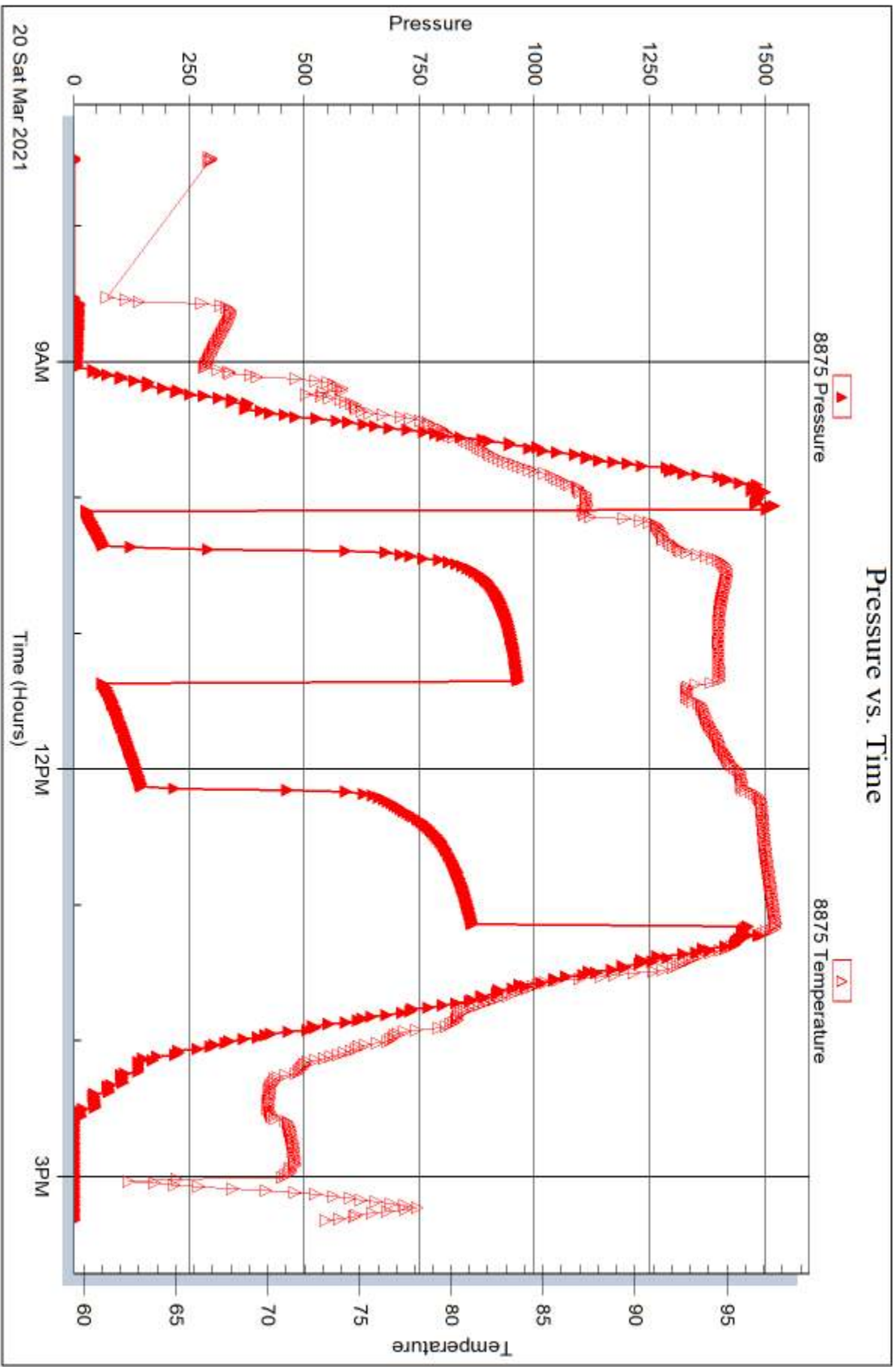
Serial #: 8875

Inside

Anchor Bay Petroleum LLC

D&S Farms #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

D&S Farms #1

11-11s-17w Ellis,KS

Start Date: 2021.03.21 @ 10:02:00

End Date: 2021.03.21 @ 17:04:27

Job Ticket #: 66919 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.03.23 @ 08:40:30



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66919

DST#: 3

ATTN: Ed Glassman

Test Start: 2021.03.21 @ 10:02:00

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:04:22

Time Test Ended: 17:04:27

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

Interval: 3321.00 ft (KB) To 3391.00 ft (KB) (TVD)

Reference Elevations: 1857.00 ft (KB)

Total Depth: 3391.00 ft (KB) (TVD)

1852.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6838

Inside

Press@RunDepth: 96.14 psig @ 3324.00 ft (KB)

Capacity: psig

Start Date: 2021.03.21

End Date:

2021.03.21

Last Calib.:

2021.03.21

Start Time: 10:02:01

End Time:

17:04:26

Time On Btm:

2021.03.21 @ 13:04:12

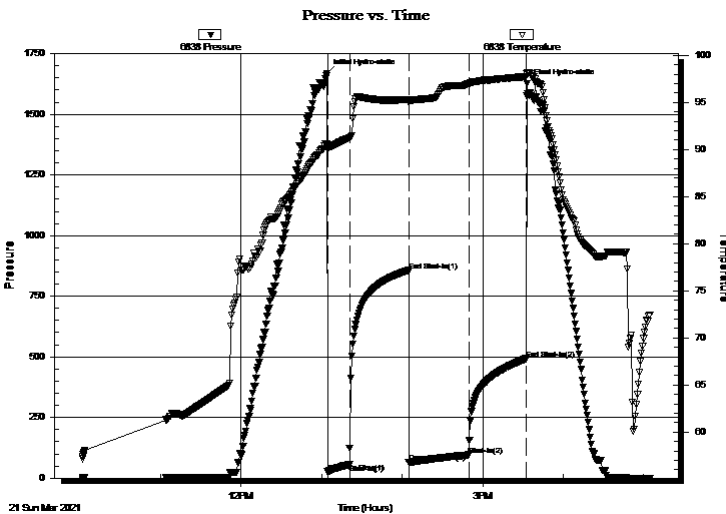
Time Off Btm:

2021.03.21 @ 15:33:02

TEST COMMENT:

- 15-IF-Surface to 6"
- 45-ISI-Weak Surface Blow
- 45-FF-Surface to 4" Died back to 3 3/4"
- 45-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1668.86	90.52	Initial Hydro-static
1	25.95	90.02	Open To Flow (1)
17	55.90	91.28	Shut-In(1)
61	855.70	95.30	End Shut-In(1)
61	64.53	95.03	Open To Flow (2)
106	96.14	97.01	Shut-In(2)
148	492.26	97.77	End Shut-In(2)
149	1625.15	98.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GWCM 10%G 20%W 70%M	1.70
40.00	Mud w/oil scum 100%M	0.57

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

11-11s-17w Ellis, KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66919

DST#: 3

ATTN: Ed Glassman

Test Start: 2021.03.21 @ 10:02:00

GENERAL INFORMATION:

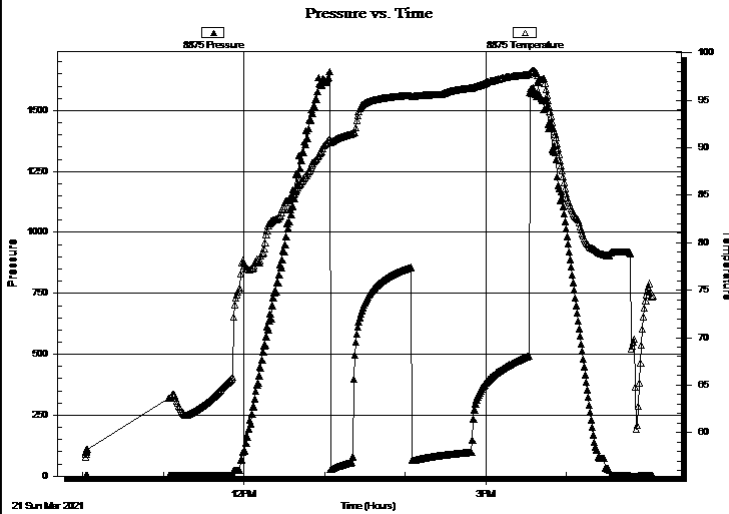
Formation: Conglomerate		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock:	ft (KB)	Tester: Spencer J Staab
Time Tool Opened: 13:04:22		Unit No: 84
Time Test Ended: 17:04:27		Reference Elevations: 1857.00 ft (KB)
Interval: 3321.00 ft (KB) To 3391.00 ft (KB) (TVD)		1852.00 ft (CF)
Total Depth: 3391.00 ft (KB) (TVD)		KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair	

Serial #: 8875

Inside

Press@RunDepth: psig @ 3324.00 ft (KB)	Capacity: psig
Start Date: 2021.03.21	End Date: 2021.03.21
Start Time: 10:02:01	End Time: 17:04:26
	Last Calib.: 2021.03.21
	Time On Btm:
	Time Off Btm:

TEST COMMENT: 15-IF-Surface to 6"
45-ISI-Weak Surface Blow
45-FF-Surface to 4" Died back to 3 3/4"
45-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GWCM 10%G 20%W 70%M	1.70
40.00	Mud w/oil scum 100%M	0.57

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

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66919

DST#: 3

ATTN: Ed Glassman

Test Start: 2021.03.21 @ 10:02:00

Tool Information

Drill Pipe:	Length: 3299.00 ft	Diameter: 3.82 inches	Volume: 46.76 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:	85000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	46000.00 lb
Drill Pipe Above KB:	12.00 ft			Final	46000.00 lb
Depth to Top Packer:	3321.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	70.00 ft				
Tool Length:	104.00 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			3288.00	
Change Over Sub	1.00			3289.00	
Shut In Tool	5.00			3294.00	
Hydraulic tool	5.00		Fluid	3299.00	
Jars	5.00			3304.00	
Gap Sub	5.00			3309.00	
Safety Joint	3.00			3312.00	
Packer	5.00			3317.00	34.00 Bottom Of Top Packer
Packer	4.00			3321.00	
Stubb	1.00			3322.00	
Perforations	1.00			3323.00	
Change Over Sub	1.00			3324.00	
Recorder	0.00	6838	Inside	3324.00	
Recorder	0.00	8875	Inside	3324.00	
Drill Pipe	62.00			3386.00	
Change Over Sub	1.00			3387.00	
Perforations	1.00			3388.00	
Bullnose	3.00			3391.00	70.00 Bottom Packers & Anchor

Total Tool Length: 104.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66919

DST#: 3

ATTN: Ed Glassman

Test Start: 2021.03.21 @ 10:02:00

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:

37000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	GWCM 10%G 20%W 70%M	1.701
40.00	Mud w /oil scum 100%M	0.567

Total Length: 160.00 ft Total Volume: 2.268 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

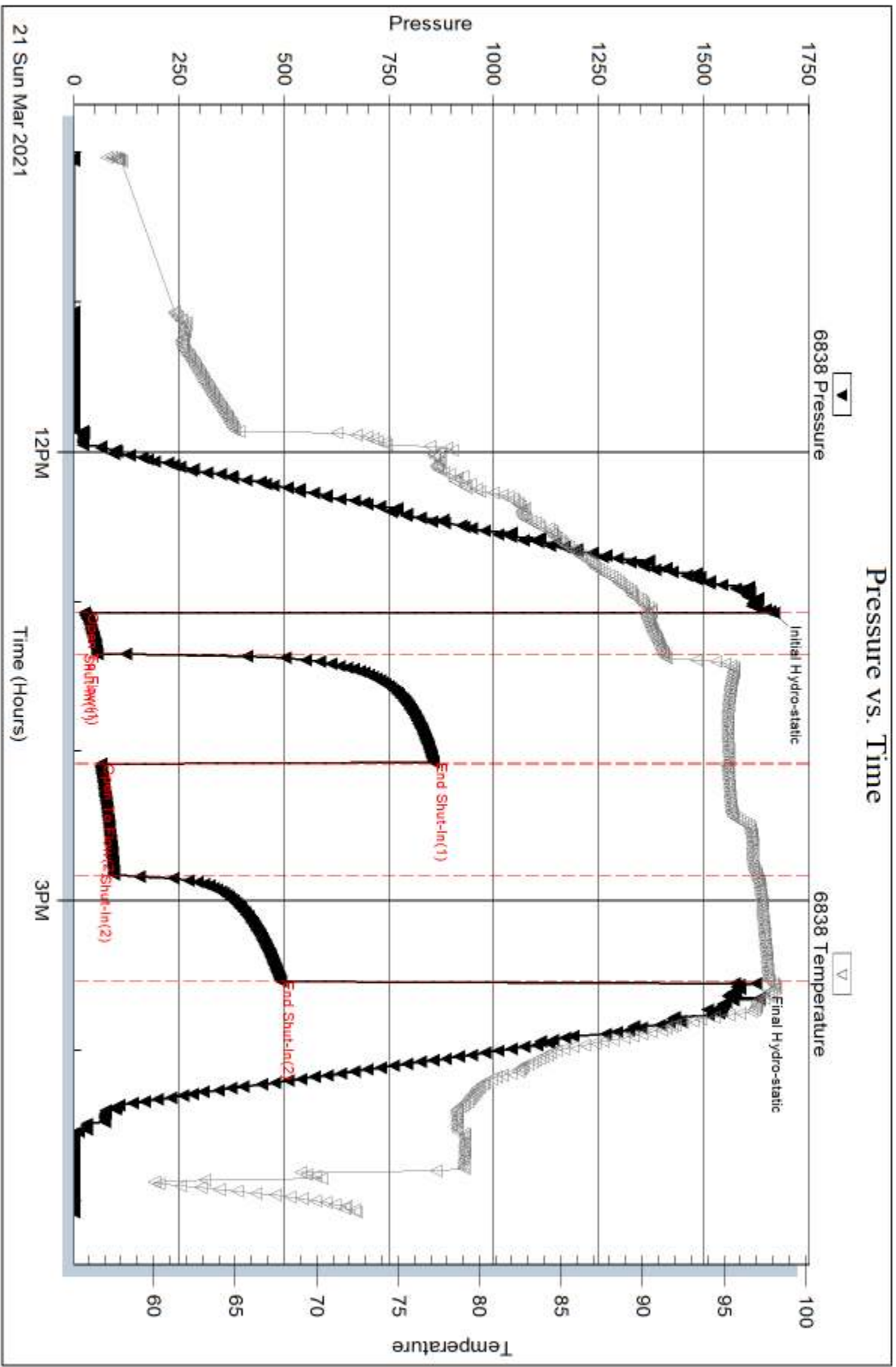
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

RW=.179@75F



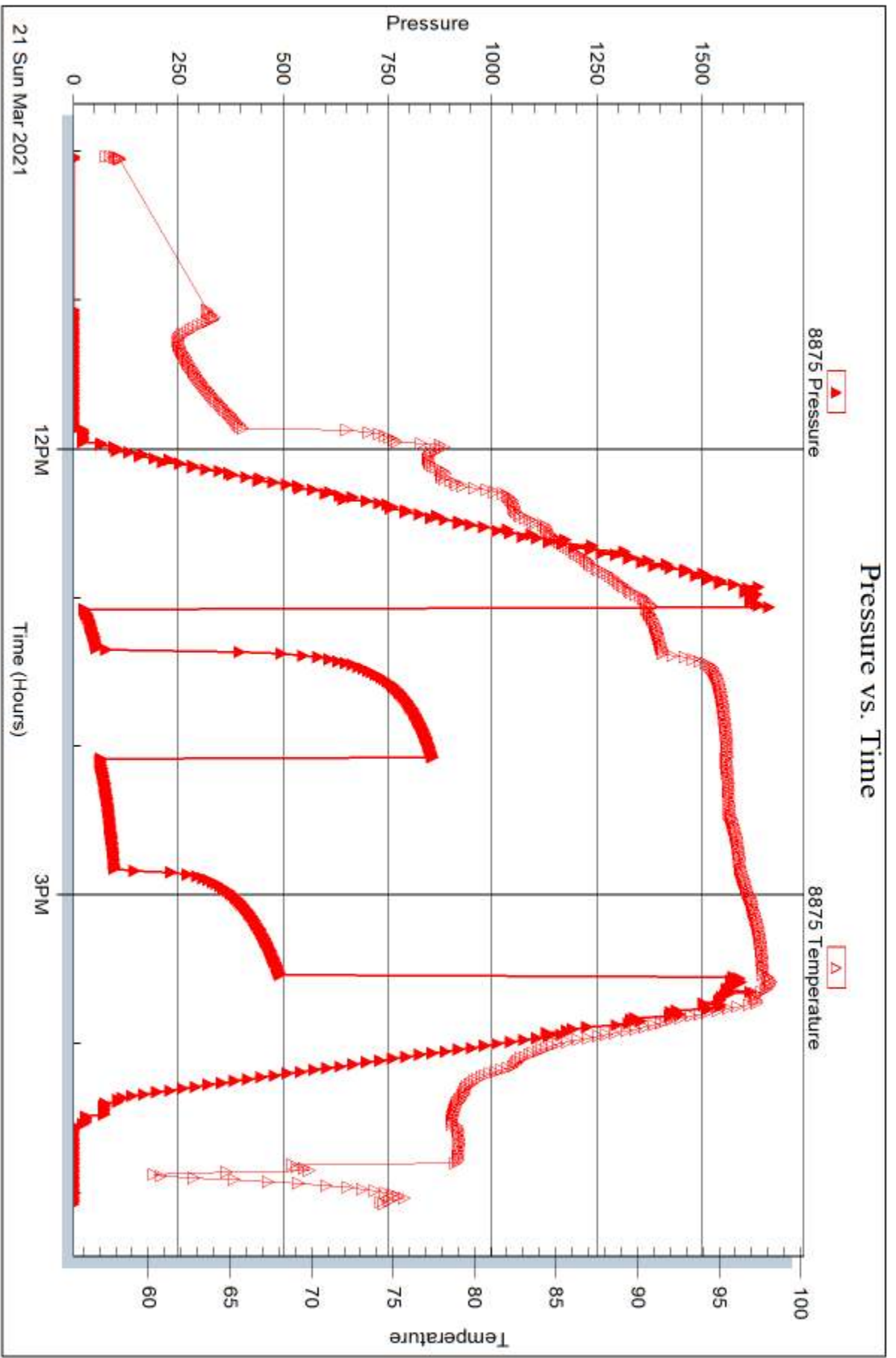
Serial #: 8875

Inside

Anchor Bay Petroleum LLC

D&S Farms #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 66919

Printed: 2021.03.23 @ 08:40:31



DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum LLC**

1952 Victoria Rd
Hays, KS 67601+9347

ATTN: Ed Glassman

D&S Farms #1

11-11s-17w Ellis,KS

Start Date: 2021.03.22 @ 00:25:00

End Date: 2021.03.22 @ 08:26:02

Job Ticket #: 66920 DST #: 4

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

Printed: 2021.03.23 @ 08:37:00

Anchor Bay Petroleum LLC
11-11s-17w Ellis,KS
D&S Farms #1
DST # 4
Arbuckle
2021.03.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66920

DST#: 4

ATTN: Ed Glassman

Test Start: 2021.03.22 @ 00:25:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:03:22

Time Test Ended: 08:26:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

Interval: 3410.00 ft (KB) To 3432.00 ft (KB) (TVD)

Reference Elevations: 1857.00 ft (KB)

Total Depth: 3432.00 ft (KB) (TVD)

1852.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6838

Inside

Press@RunDepth: 253.34 psig @ 3411.00 ft (KB)

Capacity: psig

Start Date: 2021.03.22

End Date:

2021.03.22

Last Calib.:

2021.03.22

Start Time: 00:25:01

End Time:

08:26:02

Time On Btm:

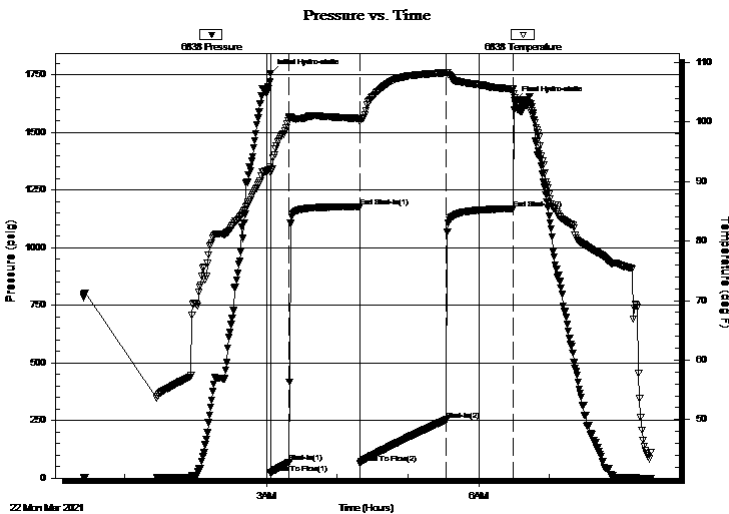
2021.03.22 @ 03:03:17

Time Off Btm:

2021.03.22 @ 06:30:27

TEST COMMENT: 15-IF-Surface to 8"
60-ISI-Very Weak Surface Blow
45-FF-Surface to BOB 25 mins Built to 20"
60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1757.33	92.45	Initial Hydro-static
1	21.34	91.59	Open To Flow (1)
16	68.08	100.66	Shut-In(1)
76	1178.28	100.60	End Shut-In(1)
76	64.68	100.06	Open To Flow (2)
150	253.34	108.33	Shut-In(2)
206	1170.28	105.57	End Shut-In(2)
208	1638.48	104.14	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
280.00	GW 10%G 90%W	3.97
60.00	GMW 10%G 40%M 50%W	0.85
240.00	GWCM 5%G 10%W 85%M	3.40
20.00	Mud w / oil spots 100%M	0.28

	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

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66920

DST#: 4

ATTN: Ed Glassman

Test Start: 2021.03.22 @ 00:25:00

Tool Information

Drill Pipe:	Length: 3394.00 ft	Diameter: 3.82 inches	Volume: 48.11 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:	18.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3410.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	56.00 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			3377.00	
Change Over Sub	1.00			3378.00	
Shut In Tool	5.00			3383.00	
Hydraulic tool	5.00		Fluid	3388.00	
Jars	5.00			3393.00	
Gap Sub	5.00			3398.00	
Safety Joint	3.00			3401.00	
Packer	5.00			3406.00	34.00 Bottom Of Top Packer
Packer	4.00			3410.00	
Stubb	1.00			3411.00	
Recorder	0.00	6838	Inside	3411.00	
Recorder	0.00	8875	Inside	3411.00	
Perforations	18.00			3429.00	
Bullnose	3.00			3432.00	22.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum LLC

11-11s-17w Ellis,KS

1952 Victoria Rd
Hays, KS 67601+9347

D&S Farms #1

Job Ticket: 66920

DST#: 4

ATTN: Ed Glassman

Test Start: 2021.03.22 @ 00:25:00

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:

46000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
280.00	GW 10%G 90%W	3.969
60.00	GMW 10%G 40%M 50%W	0.851
240.00	GWCM 5%G 10%W 85%M	3.402
20.00	Mud w / oil spots 100%M	0.284

Total Length: 600.00 ft

Total Volume: 8.506 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

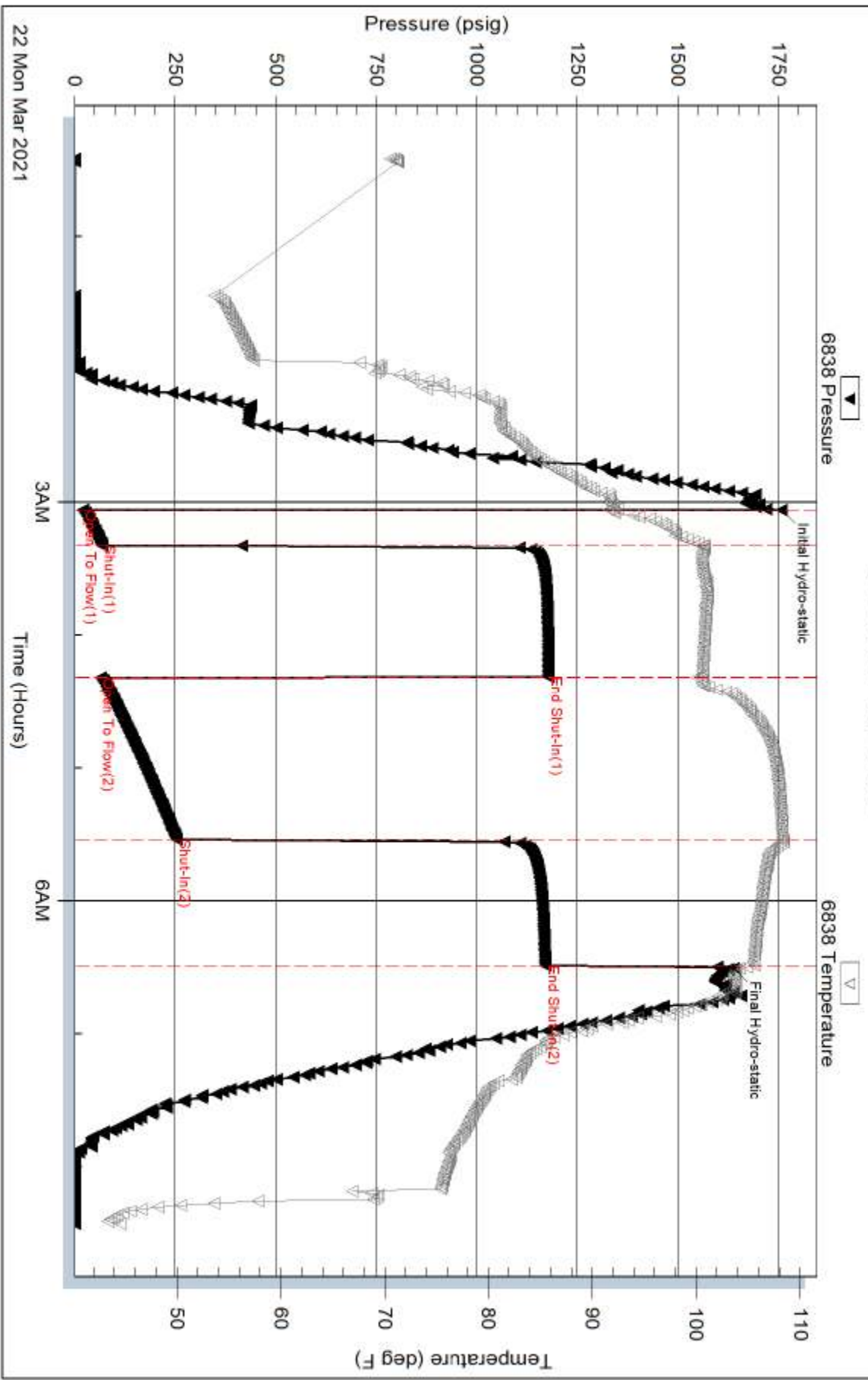
Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

RW=.291@41F

Pressure vs. Time



22 Mon Mar 2021

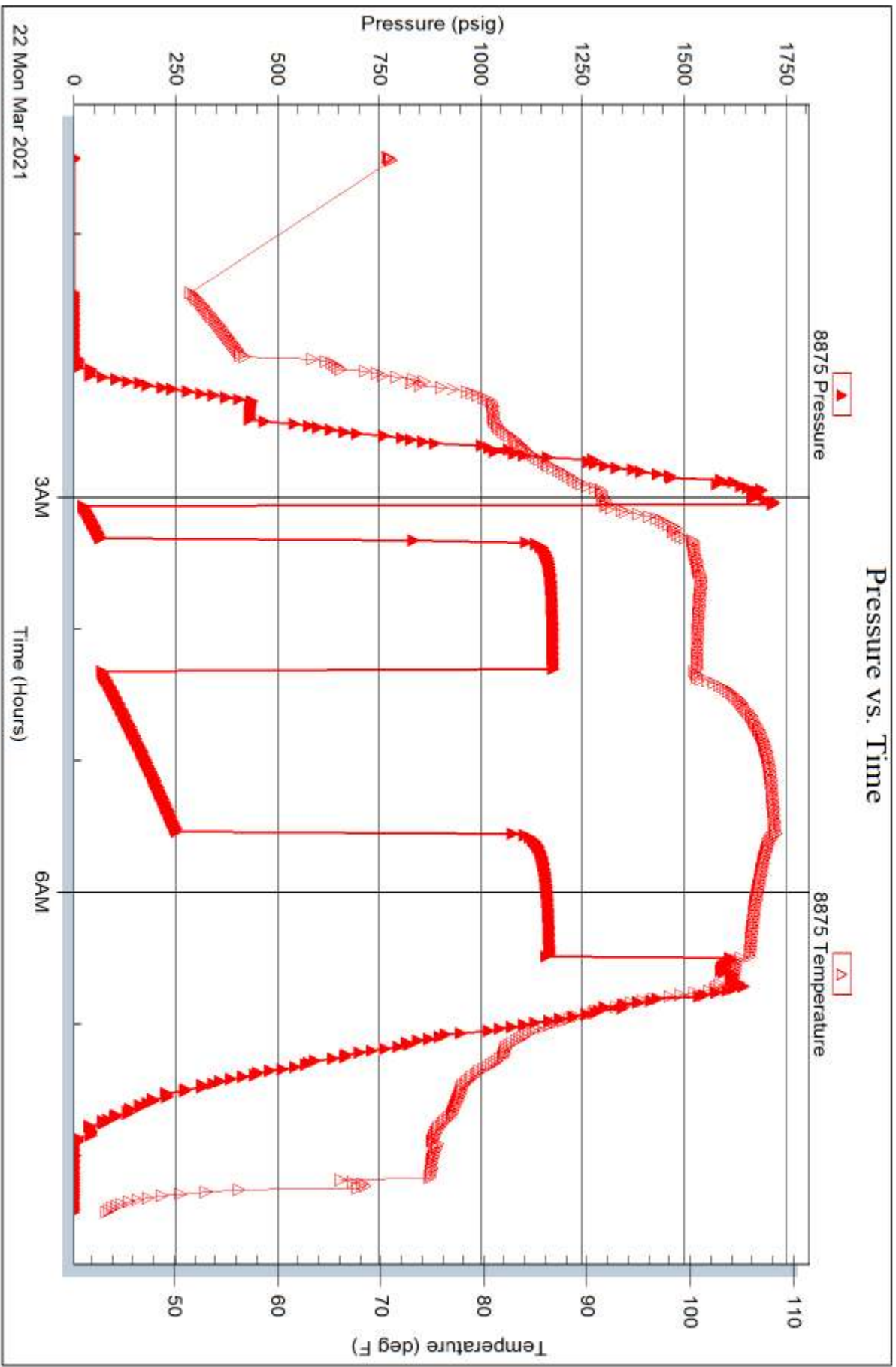
Serial #: 8875

Inside

Anchor Bay Petroleum LLC

D&S Farms #1

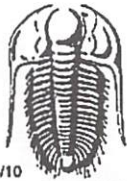
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 66920

Printed: 2021.03.23 @ 08:37:01



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66917

Well Name & No. D + S Farms #1 Test No. 1 Date 03/19/2021
 Company Anchor Bay Petroleum LLC Elevation 1857 KB 1852 GL
 Address 1952 Victoria Rd Hays Ks 67601 +9347
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 11 Twp 11S Rge. 17W Co. _____ State Ks

Interval Tested 3024' - 3114' Zone Tested LHC a-c
 Anchor Length 90' Drill Pipe Run 3013' Mud Wt. 9.0
 Top Packer Depth 3019' Drill Collars Run - Vis 50
 Bottom Packer Depth 3024' Wt. Pipe Run - WL 5.8
 Total Depth 3114' Chlorides 5800 ppm System LCM 1#

Blow Description 77-Surface to 1"
78d - No Return
77 - Built to 2" right away, stayed @ 2"
78d - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>SOCM</u>	<u>5</u>		<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 25' BHT 90° Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>1462</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>13:35</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>13:50</u>
(C) First Final Flow <u>21</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:15</u>
(D) Initial Shut-In <u>659</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>21:45</u>
(E) Second Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Hourly Standby <u>x1</u> 1h 100	T-Out <u>23:31</u>
(F) Second Final Flow <u>23</u>	<input checked="" type="checkbox"/> Mileage <u>4427</u> 44	Comments <u>had to shoot</u>
(G) Final Shut-In <u>306</u>	<input type="checkbox"/> Sampler _____	<u>trip</u>
(H) Final Hydrostatic <u>1444</u>	<input type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> EM Tool <u>350</u>

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1669

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1669

MP/DST Disc't _____

Approved By _____ Our Representative Spencer J. Staub 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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66918

Well Name & No. D + S Farms #1 Test No. 2 Date 03/20/2021
 Company Anchor Bay Petroleum LLC Elevation 1857 KB 1852 GL
 Address 1952 Victoria Rd Hays KS 67601+9347
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 11 Twp 11s Rge. 17w Co. Ellis State KS

Interval Tested 3116' - 3162' Zone Tested LHC 'E-7-J'
 Anchor Length 46' Drill Pipe Run 3107' Mud Wt. 9.0
 Top Packer Depth 3111' Drill Collars Run - Vis 60
 Bottom Packer Depth 3116' Wt. Pipe Run - WL 5.8
 Total Depth 3162' Chlorides 6200 ppm System LCM 3#

Blow Description 27- BOB 3 1/2 min; Built to 36"
28- Weak Surface; Died after 25 min
77- BOB 1:40; Built to 101"
78- Surface for 4; Started dying @ 10 min

Rec	Feet of	%gas	%oil	%water	%mud
150'	GMCO	10	80	10	
120'	VGO	70	30		
60'	GO	20	80		
	1080' GIP	100			

Rec Total 330' BHT 98° Gravity 39° API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1509</u>	<input checked="" type="checkbox"/> Test <u>1200</u>	T-On Location <u>06:48</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>07:30</u>
(C) First Final Flow <u>63</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>10:00</u>
(D) Initial Shut-In <u>963</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>13:00</u>
(E) Second Initial Flow <u>61</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>15:16</u>
(F) Second Final Flow <u>147</u>	<input checked="" type="checkbox"/> Mileage <u>4427</u> 44	Comments
(G) Final Shut-In <u>865</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1471</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350</u>

Initial Open 15
 Initial Shut-In 60
 Final Flow 415
 Final Shut-In 60

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1569 MP/DST Disc't

Approved By _____ Our Representative Spencer J. Neal 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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66919

Well Name & No. D+S Farms #1 Test No. 3 Date 03/21/2021
 Company Anchor Bay Petroleum LLC Elevation 1857 KB 1852 GL
 Address 1952 Victoria Rd Hays Ms 67601 + 9347
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 11 Twp 11S Rge. 17W Co. Ellis State Ks

Interval Tested 3321' - 3391' Zone Tested Conglomerate
 Anchor Length 70' Drill Pipe Run 3299' Mud Wt. 9.1
 Top Packer Depth 3316' Drill Collars Run - Vis 50
 Bottom Packer Depth 3321' Wt. Pipe Run - WL 8.0
 Total Depth 3391' Chlorides 7900 ppm System LCM 2#

Blow Description 7- Surface to 6"
7SD - Weak Surface Blow
7F - Surface to 4"; Died back to 3 3/4
7SA - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>GWCM</u>	<u>10</u>	<u>20</u>	<u>70</u>	<u></u>
<u>40'</u>	<u>Mud w/oil scum</u>	<u></u>	<u></u>	<u>100</u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

Rec Total 160' BHT 97° Gravity - API RW .179 @ 75 °F Chlorides 37,000 ppm

- (A) Initial Hydrostatic 1668
- (B) First Initial Flow 25
- (C) First Final Flow 55
- (D) Initial Shut-In 855
- (E) Second Initial Flow 64
- (F) Second Final Flow 96
- (G) Final Shut-In 492
- (H) Final Hydrostatic 1625

- Test 1200
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 44 44
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1569

T-On Location 09:35
 T-Started 10:02
 T-Open 13:03
 T-Pulled 15:33
 T-Out 17:03

Comments _____
 EM Tool 350
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1569
 MP/DST Disc't _____

Initial Open 15
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Approved By _____

Our Representative Spencer J. Paul 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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 66920

Well Name & No. D+S Farms #1 Test No. 4 Date 03/21/2021
 Company Anchor Bay Petroleum LLC Elevation 1857 KB 1852 GL
 Address 1952 Victoria Rd Hays Ks 67601 + 9347
 Co. Rep / Geo. Ed Glassman Rig White Knight
 Location: Sec. 11 Twp 11s Rge. 17w Co. Ellis State Ks

Interval Tested 3410'-3432' Zone Tested Arbuckle
 Anchor Length 22' Drill Pipe Run 3394' Mud Wt. 9.1
 Top Packer Depth 3405' Drill Collars Run - Vls 50
 Bottom Packer Depth 3410' Wt. Pipe Run - WL 5.8
 Total Depth 3432' Chlorides 7900 ppm System LCM 2#

Blow Description 17-Surface to 8"
1SD - Very Weak Surface Blow
77 - Surface to BOPB 25 mins; Built to 20"
7SD - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>280'</u>	<u>GW</u>	<u>10</u>	<u>90</u>		
<u>60'</u>	<u>GMW</u>	<u>10</u>	<u>50</u>	<u>40</u>	
<u>240'</u>	<u>GWCM</u>	<u>5</u>	<u>10</u>	<u>85</u>	
<u>20'</u>	<u>Mud w/oil spots</u>			<u>100</u>	

Rec Total 600' BHT 105° Gravity - API RW 291 @ 41 °F Chlorides 46000 ppm

(A) Initial Hydrostatic 1757 Test 1200 T-On Location 23:48
 (B) First Initial Flow 21 Jars 250 T-Started 00:25 03/22/2021
 (C) First Final Flow 68 Safety Joint 75 T-Open 02:52
 (D) Initial Shut-In 1178 Circ Sub T-Pulled 06:07
 (E) Second Initial Flow 64 Hourly Standby T-Out 08:15
 (F) Second Final Flow 253 Mileage 4427 44 Comments loaded after test
 (G) Final Shut-In 1170 Sampler
 (H) Final Hydrostatic 1638 Straddle EM Tool 350
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total 0
 Accessibility Total 1569

Initial Open 15
 Initial Shut-In 60
 Final Flow 6060
 Final Shut-In 60

Sub Total 1569 MP/DST Disc't
 Our Representative Spencer J. Stahl Thanks!
785-259-0056

Approved By _____
 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.

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. 2211

Date	4/6/21	Sec.	11	Twsp.	11	Range	17	County	Ellis	State	Kansas	On Location		Finish	4:15pm									
								Location								Codell & River Rd IN E into								
Lease	D&S Farms				Well No.	1				Owner														
Contractor	Outlaw Well serv.				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	port collar				Charge To								Anchor Bay											
Hole Size					T.D.				Street															
Csg.	5 1/2				Depth				City								State							
Tbg. Size	2 7/8				Depth				1097'															
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 30 QMDC 1/4 Flow							
Meas Line					Displace				Used 240 sk															
EQUIPMENT																								
Pumptrk	5	No.	Cementer Helper		Tom		Poz. Mix																	
Bulktrk	21	No.	Driver		Tony		Gel.																	
Bulktrk	PU	No.	Driver		David		Calcium																	
JOB SERVICES & REMARKS																								
Remarks:	Hulls																							
Rat Hole	Salt																							
Mouse Hole	Flowseal 75#																							
Centralizers	Kol-Seal																							
Baskets	Mud CLR 48																							
D/V or Port Collar	1082'				CFL-117 or CD110 CAF 38																			
	plug at 2713'				Sand																			
					Handling 300																			
					Mileage																			
					FLOAT EQUIPMENT																			
					Guide Shoe																			
					Centralizer																			
					Baskets																			
					AFU Inserts																			
					Float Shoe																			
					Latch Down																			
					Pumptrk Charge												port collar Job							
					Mileage												27							
					Cement did circulate																			
X Signature	Ed Hanman				Thanks												Tax							
																	Discount							
																	Total Charge							

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 2206

Date	3/23/21	Sec.	11	Twp.	11	Range	17	County	Ellis	State	Kansas	On Location		Finish	1:00pm
								Location							
								Coddell + River Rd - 1 N Finco							

Lease	D+S Farms	Well No.	1	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.
Contractor	White Knight			Charge To	Anchor Bay
Type Job	Long string	T.D.	3580'	Street	
Hole Size	7 1/8	Depth	3580' 3571'	City	
Csg.	5 1/2	Depth		State	
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Depth		Cement Left in Csg.	39.427
		Shoe Joint	39.427	Cement Amount Ordered	175 COM 10% salt 5% gel
Meas Line		Displace	82	500 gallon Mud clear	

EQUIPMENT				Common	175
Pumptrk	5	No.	Cementer Helper	Poz. Mix	
			Tim		
Bulktrk	15	No.	Driver	Gel.	
			Doug		
			Tom		
Bulktrk	P.U.	No.	Driver	Calcium	
			David		

JOB SERVICES & REMARKS				Hulls	
Remarks:				Salt	13
Rat Hole	30 sks			Flowseal	
Mouse Hole				Kol-Seal	700#
Centralizers	# 2, 7, 10, 22, 62			Mud CLR 48	500 gal
Baskets	# 4, 62			CFL-117 or CD110 CAF 38	
D/V or Port Collar	Jointer # 63			Sand	
				Handling	195
				Mileage	

<p>Ran 5 1/2 and est. Circulation</p> <p>Pumped 500 gal mud clear</p> <p>plugged Rathole with 30 sks</p> <p>500 gal</p> <p>Cemented 5 1/2 with 145 sks</p> <p>L + P Pressure @ 600 PSI</p> <p>Landed Plug @ 1400 PSI</p>				<p>Float Equipment</p> <p>Guide Shoe</p> <p>Centralizer 5</p> <p>Baskets 2</p> <p>AFU Inserts</p> <p>Float Shoe 1</p> <p>Latch Down 1</p> <p>Port Collar</p>	
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Pumptrk Charge	prod string	Tax	
Mileage	27	Discount	
		Total Charge	

X Signature *[Signature]*
500 273 506

Thanks *[Signature]*

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. 2187

Date	3-15-21	Sec.	11	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	6:15pm
Lease								Location							
D & S Farms								Cedar & River Road 1 N Einto							
Well No. 1								Owner							
Contractor White Knight								To Quality Oilwell Cementing, Inc.							
Type Job Surface								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 12 1/4				T.D. 211				Charge To Anchor Bay							
Csg. 8 5/8				Depth 210				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. 10'				Shoe Joint				Cement Amount Ordered 150 8 5/8 21-11 21-052							
Meas Line				Displace 12 1/2 BCL											
EQUIPMENT															
Pumptrk 20		No.		Cementer Craig		Helper		Common 120							
Bulktrk		No.		Driver T.M		Driver		Poz. Mix 30							
Bulktrk 15		No.		Driver Tom		Driver		Gel. 3							
								Calcium 6							
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							
8 5/8 on bottom - Est Circulation								Sand							
Mix 150SK & Displace								Handling 159							
Cement Circulated 1								Mileage							
								FLOAT EQUIPMENT 8 5/8 Surge							
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge Surface							
								Mileage 27							
								Tax							
								Discount							
								Total Charge							

X Signature *E. Plummer*

Thanks
[Signature]

OSKILLING LLC
APR 15-051-26995-00-00

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

OPERATOR: *White Knight Drilling Co.* WELL NO.: 1
LEASE: *D S Farms* ELEVATION: 1857
FIELD: *W4* DE: *1852*
LOCATION: *3680 FSL & 4581 FEL* MEASUREMENTS ARE ALL FROM *ELLIS BENCHM.*
SEC: *11* TWP: *11S* RNG: *17W*
COUNTY: *ELLIS* STATE: *KANSAS*
CONTRACTOR: *WHITE KNIGHT DRILLING COMPANY* SURFACE ELEVATION: *2021*
COMPL. ELEVATION: *2021* COMD. ELEVATION: *2021* PRODUCTION: *150.513 894.0 378.2 276*
RD. NO. TO WELL: *3581*
SAMPLES SAVED FROM: *2100 TO 3581* DEPTH: *2100 TO 3581*
DRILLING TIME FROM: *2100* TO: *3581*
SAMPLING SUPERVISION FROM: *2100* TO: *3581*
MUD UP TO: *2100*

DATE	DEPTH	NO.	SIZE	WGT	TYPE	DEPTH	WGT
03-15-21	3040	L	1/2	174	SANDSTONE	210	214
03-16-21	616	L	1/2	174	SANDSTONE	210	214
03-17-21	1760	3	1/8	72	BUTTON	3980	789
03-18-21	2591						22
03-19-21	3117						
03-20-21	3162						
03-21-21	3391						
03-22-21	3583						

DATE	DEPTH	NO.	SIZE	WGT	TYPE	DEPTH	WGT
03-15-21	3040	L	1/2	174	SANDSTONE	210	214
03-16-21	616	L	1/2	174	SANDSTONE	210	214
03-17-21	1760	3	1/8	72	BUTTON	3980	789
03-18-21	2591						22
03-19-21	3117						
03-20-21	3162						
03-21-21	3391						
03-22-21	3583						

DRILLING TIME AND SAMPLE LOG

DRILLING TIME IN MINUTES PER FOOT

Rate of Penetration Decreases

5" 10" 15" 20" 25"

LOG 7710

DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

ANHYDRITE 1070 (187)

ANHYDRITE 1103 (154)

ANHYDRITE 2177 (938)

WING HILL SH 2892 (100)

QUEEN HILL 2997 (100)

LANSHAW 3066 (100)

DST #1

HIPKINER 3029

DST #2

LANSHAW 3066 (100)

DST #3

ANHYDRITE 3225 (176)

ANHYDRITE 3301 (100)

ANHYDRITE 3301 (100)

ANHYDRITE 3301 (100)

ANHYDRITE 3301 (100)

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lkn4oil@gmail.com

May 14, 2021

Kansas Corporation Commission
Conservation Division
226 N. Main St. #220
Wichita, KS 67202

Re: D&S Farms #1, NW4 11-T11S-R17W; Ellis County Kansas.
API #15-051-26995-00-00

To whom it may concern:

Anchor Bay Petroleum LLC hereby requests that the information on the aforementioned well be held confidential for a period of 18 months.

If I can help forward questions considered, please advise.

Respectfully,


Ed Glassman