

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 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)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	US Oil Resources LLC
Well Name	PRATHER 11B-1-1429
Doc ID	1584671

All Electric Logs Run

Quad Combo Log
Micro Log
Sonic Log
Density/Neutron PE/log
Dual Induction Log



785-953-0222

TICKET NUMBER 1197 K
 LOCATION Hugoton Vs
 FOREMAN Walt Dunkel

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-25-21		Prather 11B	1	14S	29W	60ve
CUSTOMER U.S. Oil Resources LLC			60ve			
MAILING ADDRESS			17-5			
CITY			E.S.			
STATE			TRUCK #			
ZIP CODE			DRIVER			
			TRUCK #			
			DRIVER			

JOB TYPE Production HOLE SIZE 7 7/8 HOLE DEPTH 4695' CASING SIZE & WEIGHT 5 1/2 15.5#
 CASING DEPTH 4680 DRILL PIPE _____ TUBING _____ OTHER PC-2341'
 SLURRY WEIGHT 14.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 42.05
 DISPLACEMENT 110.3 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting, Rig up on Duke #2, run casing
Catalyzers #1-12 Baskets # Port Collar #
Circ casing on bottom, Pump 5 BBL H2O, 500gal mud Flush, 5 BBL H2O
Mixed 210 sks HP-OWC, 5# Kol-seal, Clear Pump & Lines, release Hog
& Displaced 111 1/2 BBL H2O @ 850# Max Lift, Landed Plug @ 1350#
Released Pressure, Float Held
15 sks in MTH,
30 sks in RTH,

Thank You
Walt Dunkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	2,800.00	2,800.00
	30	MILEAGE	7.15	214.50
	11.81	Ten Mileage Delivery (min)	125	660.00
	210 sks	HP-OWC	25.00	5,230.00
	45 sks	light weight Blend V	16.00	720.00
	1050#	Kol-seal	450	525.00
	500 gal	mud Flush	65	325.00
	1	5 1/2" AEU Float shoe	585.00	585.00
	1	5 1/2" Latch down Plug assy	400.00	400.00
	14	5 1/2" Catalyzers	81.00	1,134.00
	3	5 1/2" Baskets	385.00	1,155.00
	1	5 1/2" Port Collar	2,850.00	2,850.00
				16,618.50
			Less 35% Disc -	5,816.48
				10,802.02
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Adam Q. Bl TITLE _____ DATE _____

I acknowledge that the payments terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



785-953-0222

TICKET NUMBER 1313 K-C
 LOCATION Hugoton, Ks
 FOREMAN Walt Dinkel

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-28-2021		Prather 11-B	1	14S	27W	Goose
CUSTOMER			606			
MAILING ADDRESS			7-S.			
CITY			TRUCK #	DRIVER	TRUCK #	DRIVER
			103	Cory D.		
			801-851			
STATE						
ZIP CODE						

JOB TYPE Port Collar HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT 4 1/2"
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER P.C. 23
 SLURRY WEIGHT 12.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 12 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM @ 400#

REMARKS: Safety Meeting, Rig up Equipment, Test casing @ 1000#, Hold
Mixed 300# Gel to Port Collar, open Port Collar, establish circ, mixed 360 sks
80% gel, 1/2# Flt Seal w/ 50# Hulls, Displace 12 BBL, Shut Port Collar
Test to 1000# Held, ran 5-Its, Circ Hole Closed, Went Down and washed
sand off Plug
Cement Did Circ

Thank You
 Walt & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,500.00	1,500.00
	30	MILEAGE	7.15	214.50
	15.48	Ton Mileage Delivery	1.75	812.70
	360 - sks	Light Weight Blend VII	17.50	6,300.00
	300#	Gel	1.50	150.00
	70#	Hulls	1.50	35.00
	180#	Cello-Flak	3.00	540.00
				9,552.20
		Less 35% Disc -		3,343.27
				6,208.93
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payments terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave.
Lakewood, CO 80123

ATTN: Jim Musgrove/ Adam B

Prather #11B-1-1429

1-14s-29w Gove,KS

Start Date: 2021.06.21 @ 06:28:54

End Date: 2021.06.21 @ 11:48:54

Job Ticket #: 67455 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.06.29 @ 09:35:13



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

ATTN: Jim Musgrove/ Adam B

Job Ticket: 67455

DST#: 1

Test Start: 2021.06.21 @ 06:28:54

GENERAL INFORMATION:

Formation: **LKC G - H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:19:54

Time Test Ended: 11:48:54

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 4060.00 ft (KB) To 4094.00 ft (KB) (TVD)

Reference Elevations: 2751.00 ft (KB)

Total Depth: 4094.00 ft (KB) (TVD)

2742.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8674 Outside

Press@RunDepth: 22.96 psig @ 4061.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.06.21 End Date: 2021.06.21

Last Calib.: 2021.06.21

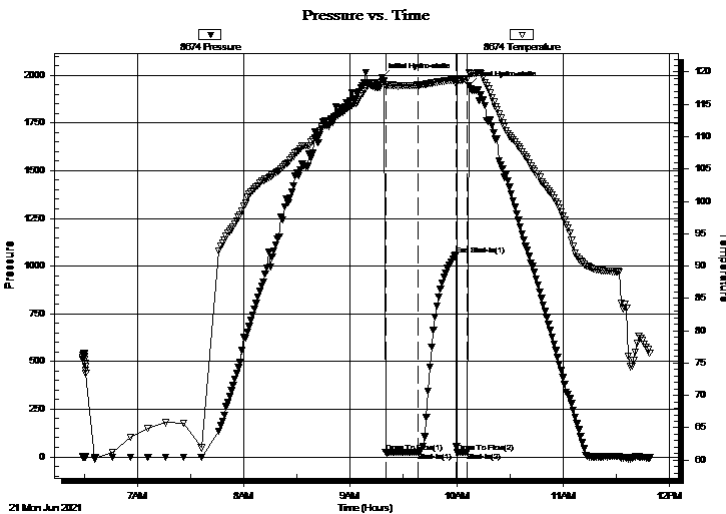
Start Time: 06:28:59 End Time: 11:48:53

Time On Btm: 2021.06.21 @ 09:17:54

Time Off Btm: 2021.06.21 @ 10:06:54

TEST COMMENT: IF: 1/2" blow died in 1/4"
IS: No return.
FF: No blow.
FS: Pulled tool 20-20-5-pull

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1986.55	118.44	Initial Hydro-static
2	22.43	118.00	Open To Flow (1)
21	22.96	117.98	Shut-In(1)
42	1057.45	118.83	End Shut-In(1)
43	24.12	118.63	Open To Flow (2)
48	24.93	118.92	Shut-In(2)
49	1944.72	119.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud oil spots 100% m	0.07

Gas Rates

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



DRILL STEM TEST REPORT

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

ATTN: Jim Musgrove/ Adam B

Job Ticket: 67455 **DST#: 1**

Test Start: 2021.06.21 @ 06:28:54

GENERAL INFORMATION:

Formation: **LKC G - H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:19:54

Time Test Ended: 11:48:54

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: **4060.00 ft (KB) To 4094.00 ft (KB) (TVD)**

Reference Elevations: 2751.00 ft (KB)

Total Depth: 4094.00 ft (KB) (TVD)

2742.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: psig @ 4061.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.06.21

End Date:

2021.06.21

Last Calib.:

2021.06.21

Start Time: 06:28:42

End Time:

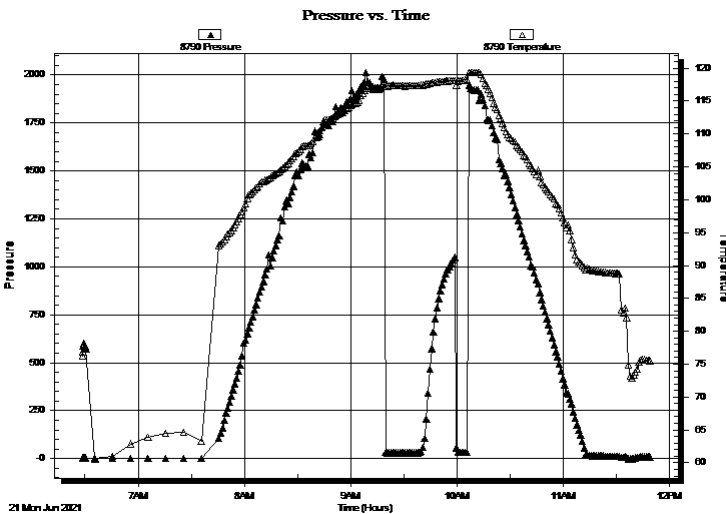
11:48:36

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/2" blow died in 1/4"
IS: No return.
FF: No blow.
FS: Pulled tool 20-20-5-pull

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud oil spots 100%m	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

Job Ticket: 67455

DST#: 1

ATTN: Jim Musgrove/ Adam B

Test Start: 2021.06.21 @ 06:28:54

Tool Information

Drill Pipe:	Length: 4042.00 ft	Diameter: 3.80 inches	Volume: 56.70 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4060.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4031.00	
Shut In Tool	5.00			4036.00	
Hydraulic tool	5.00			4041.00	
Jars	5.00			4046.00	
EM Tool	3.00			4049.00	
Safety Joint	2.00			4051.00	
Packer	5.00			4056.00	30.00 Bottom Of Top Packer
Packer	4.00			4060.00	
Stubb	1.00			4061.00	
Recorder	0.00	8790	Inside	4061.00	
Recorder	0.00	8674	Outside	4061.00	
Perforations	30.00			4091.00	
Bullnose	3.00			4094.00	34.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

Job Ticket: 67455

DST#: 1

ATTN: Jim Musgrove/ Adam B

Test Start: 2021.06.21 @ 06:28:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 4.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud oil spots 100% _m	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

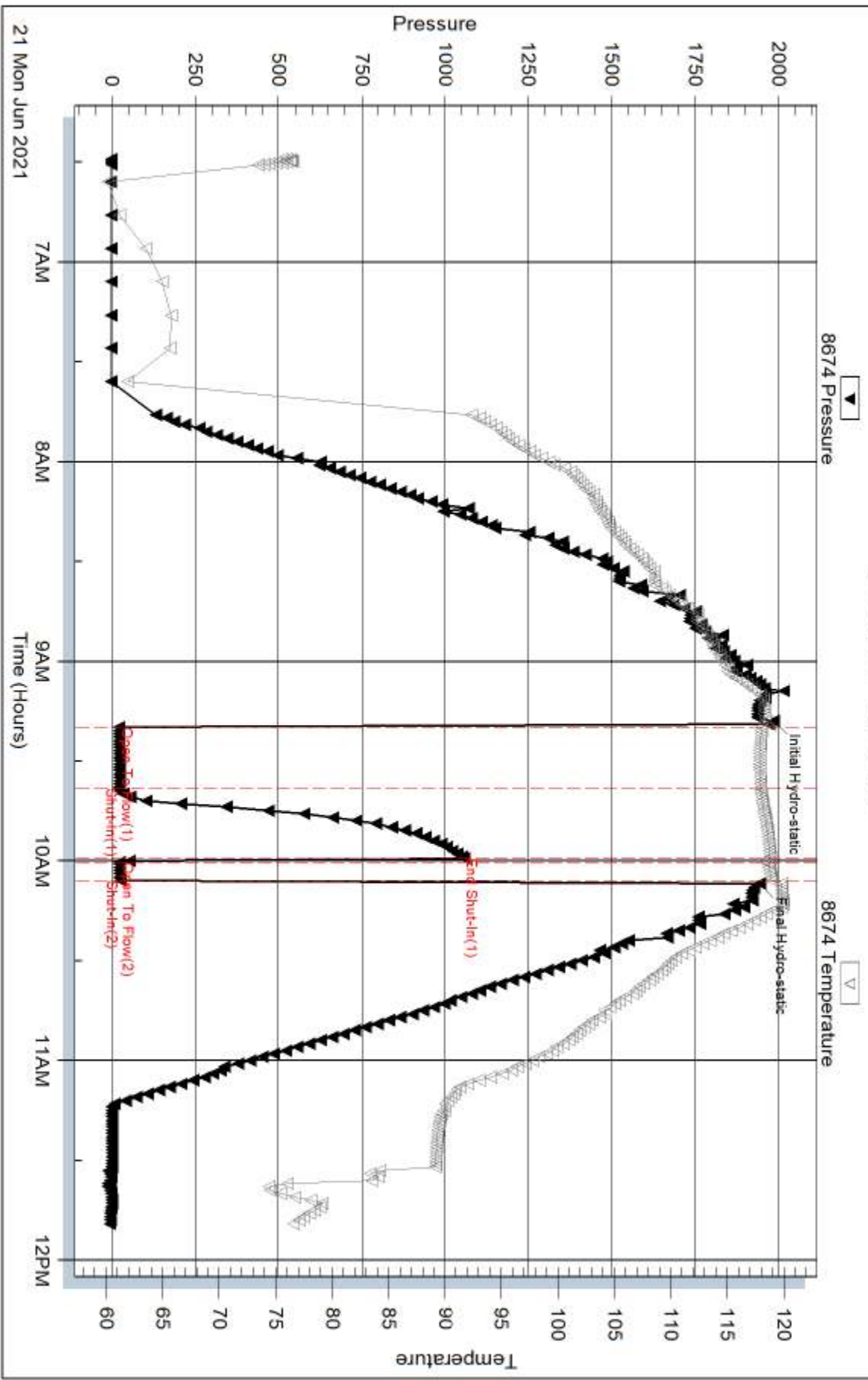
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



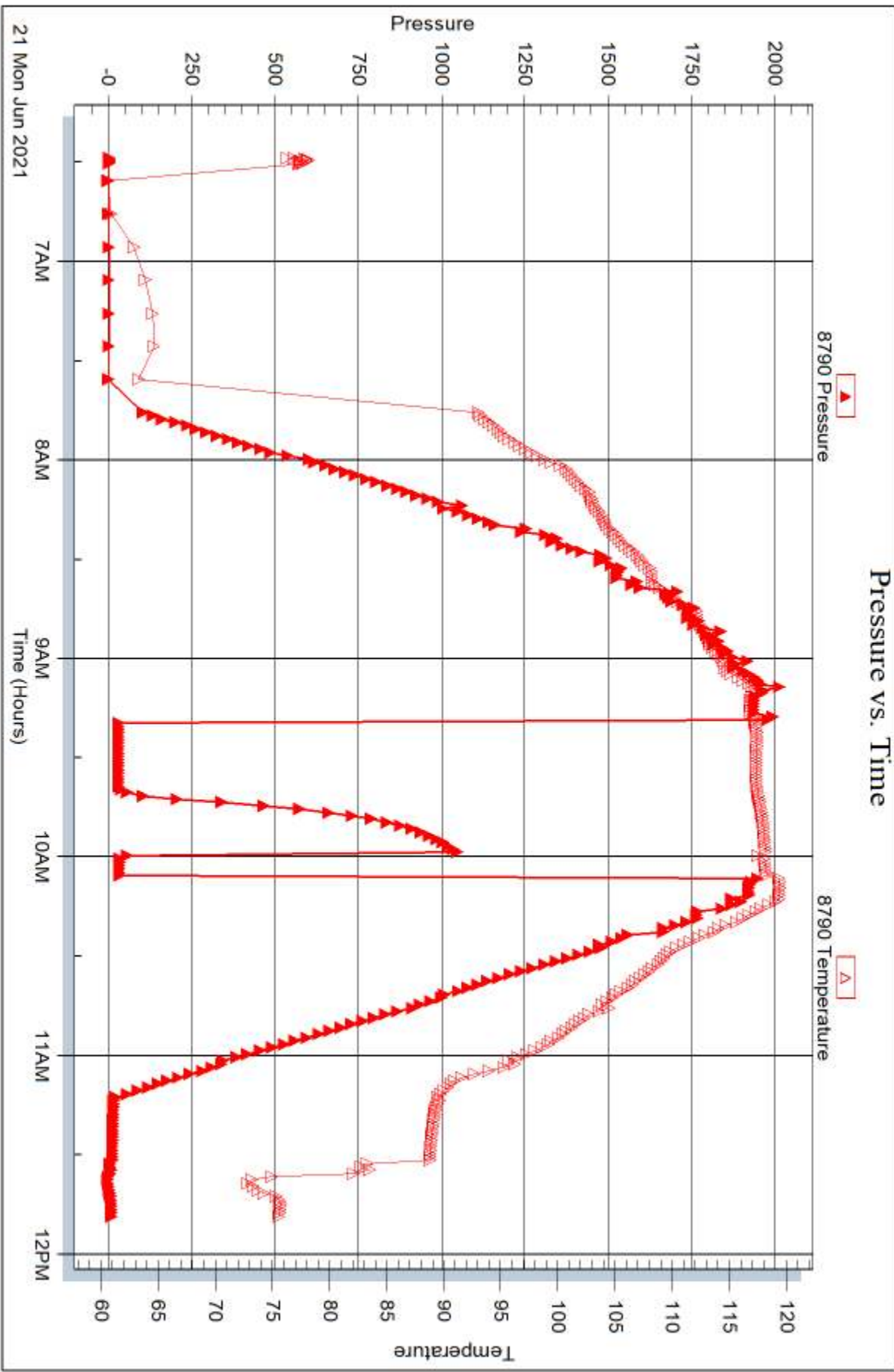
Serial #: 8790

Inside

US Oil Resources LLC

Prather #11B-1-1429

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave.
Lakewood, CO 80123

ATTN: Jim Musgrove/ Adam B

Prather #11B-1-1429

1-14s-29w Gove,KS

Start Date: 2021.06.22 @ 21:21:56

End Date: 2021.06.23 @ 05:44:56

Job Ticket #: 67456 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.06.29 @ 09:34:08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

ATTN: Jim Musgrove/ Adam B

Job Ticket: 67456

DST#: 2

Test Start: 2021.06.22 @ 21:21:56

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:51:56

Time Test Ended: 05:44:56

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4441.00 ft (KB) To 4490.00 ft (KB) (TVD)

Reference Elevations: 2751.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

2742.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8674 Outside

Press@RunDepth: 67.47 psig @ 4442.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.06.22

End Date:

2021.06.23

Last Calib.:

2021.06.23

Start Time: 21:22:01

End Time:

05:44:55

Time On Btm:

2021.06.22 @ 23:49:56

Time Off Btm:

2021.06.23 @ 03:37:26

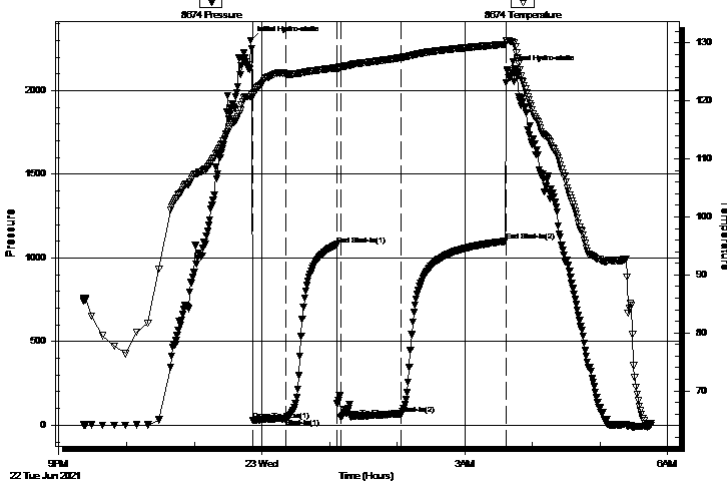
TEST COMMENT: IF: 1/4" blow built to 1 3/4"

IS: No return.

FF: 1/4" blow built to 2" died to a 1/2"

FS: No return. 30-45-60-90

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2300.01	120.78	Initial Hydro-static
2	30.69	120.70	Open To Flow (1)
31	38.40	124.59	Shut-In(1)
77	1079.47	125.73	End Shut-In(1)
80	46.88	125.91	Open To Flow (2)
134	67.47	127.48	Shut-In(2)
227	1099.63	129.77	End Shut-In(2)
228	2127.37	130.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 40%g 10%o 50%m	0.87
50.00	gocm 30%g 10%o 60%m	0.70
0.00	124 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

1-14s-29w Gove, KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

ATTN: Jim Musgrove/ Adam B

Job Ticket: 67456

DST#: 2

Test Start: 2021.06.22 @ 21:21:56

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:51:56

Time Test Ended: 05:44:56

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4441.00 ft (KB) To 4490.00 ft (KB) (TVD)

Reference Elevations: 2751.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

2742.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 4442.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.06.22

End Date:

2021.06.23

Last Calib.:

2021.06.23

Start Time: 21:21:23

End Time:

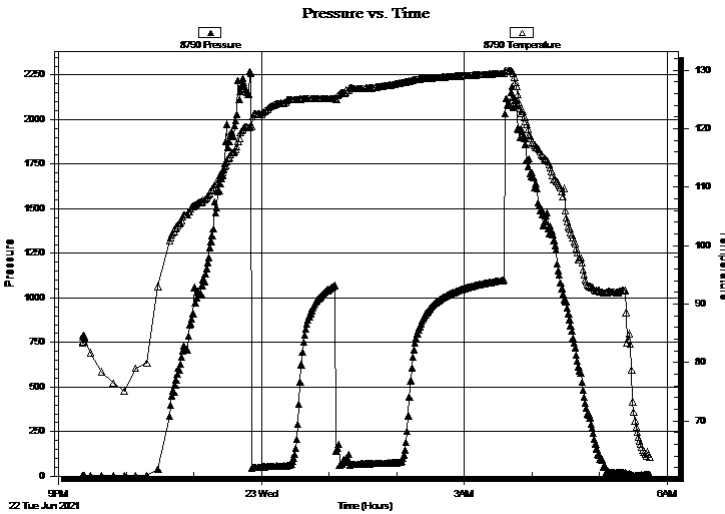
05:44:17

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 1 3/4"
IS: No return.
FF: 1/4" blow built to 2" died to a 1/2"
FS: No return. 30-45-60-90

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 40%g 10%o 50%m	0.87
50.00	gocm 30%g 10%o 60%m	0.70
0.00	124 GIP	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

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

Job Ticket: 67456

DST#: 2

ATTN: Jim Musgrove/ Adam B

Test Start: 2021.06.22 @ 21:21:56

Tool Information

Drill Pipe:	Length: 4415.00 ft	Diameter: 3.80 inches	Volume: 61.93 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4441.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4412.00	
Shut In Tool	5.00			4417.00	
Hydraulic tool	5.00			4422.00	
Jars	5.00			4427.00	
EM Tool	3.00			4430.00	
Safety Joint	2.00			4432.00	
Packer	5.00			4437.00	30.00 Bottom Of Top Packer
Packer	4.00			4441.00	
Stubb	1.00			4442.00	
Recorder	0.00	8790	Inside	4442.00	
Recorder	0.00	8674	Outside	4442.00	
Perforations	11.00			4453.00	
Change Over Sub	1.00			4454.00	
Drill Pipe	32.00			4486.00	
Change Over Sub	1.00			4487.00	
Bullnose	3.00			4490.00	49.00 Bottom Packers & Anchor
Total Tool Length:	79.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

Job Ticket: 67456

DST#: 2

ATTN: Jim Musgrove/ Adam B

Test Start: 2021.06.22 @ 21:21:56

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	gocm 40%g 10%o 50%m	0.870
50.00	gocm 30%g 10%o 60%m	0.701
0.00	124 GIP	0.000

Total Length: 112.00 ft

Total Volume: 1.571 bbl

Num Fluid Samples: 0

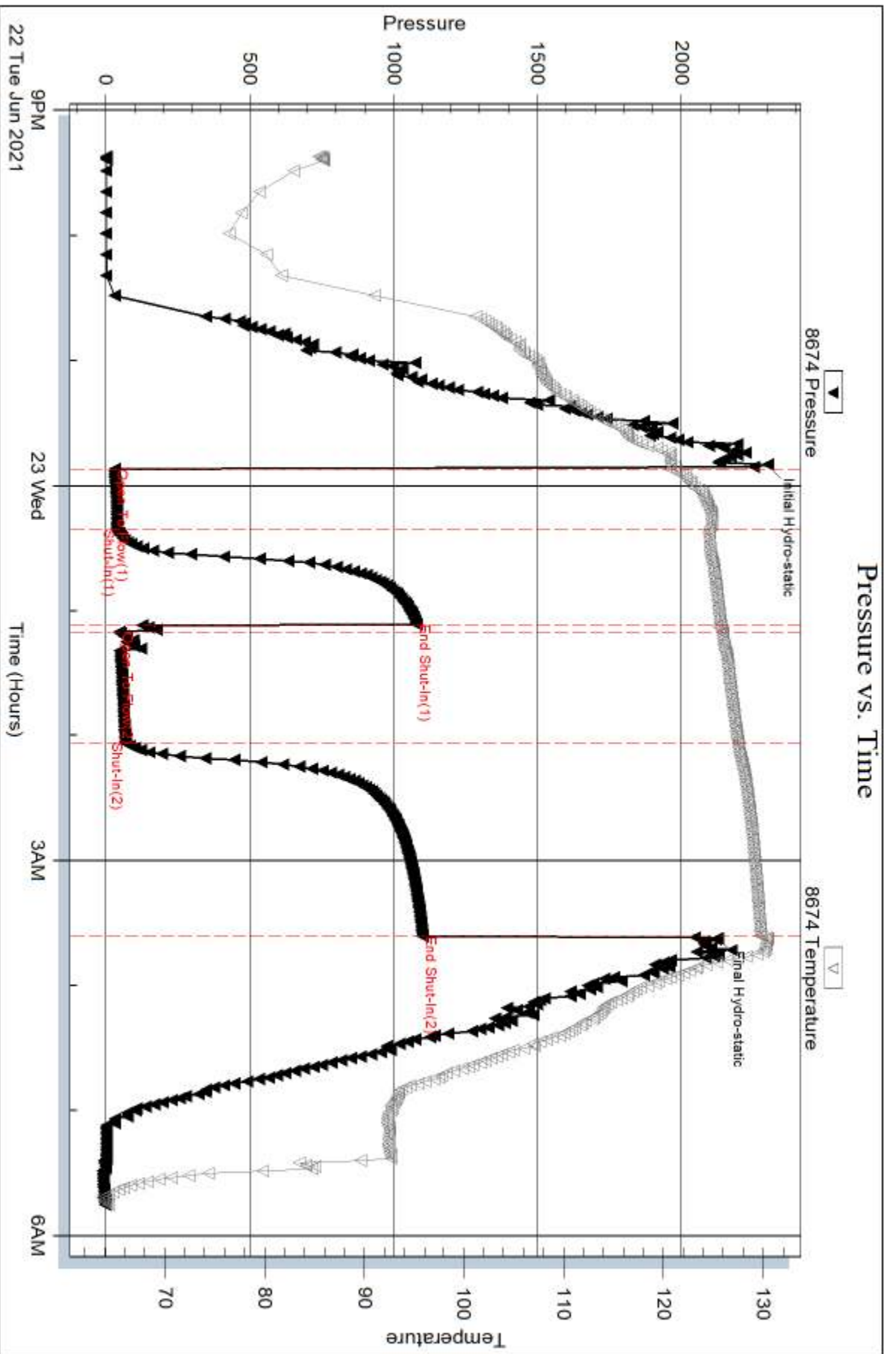
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



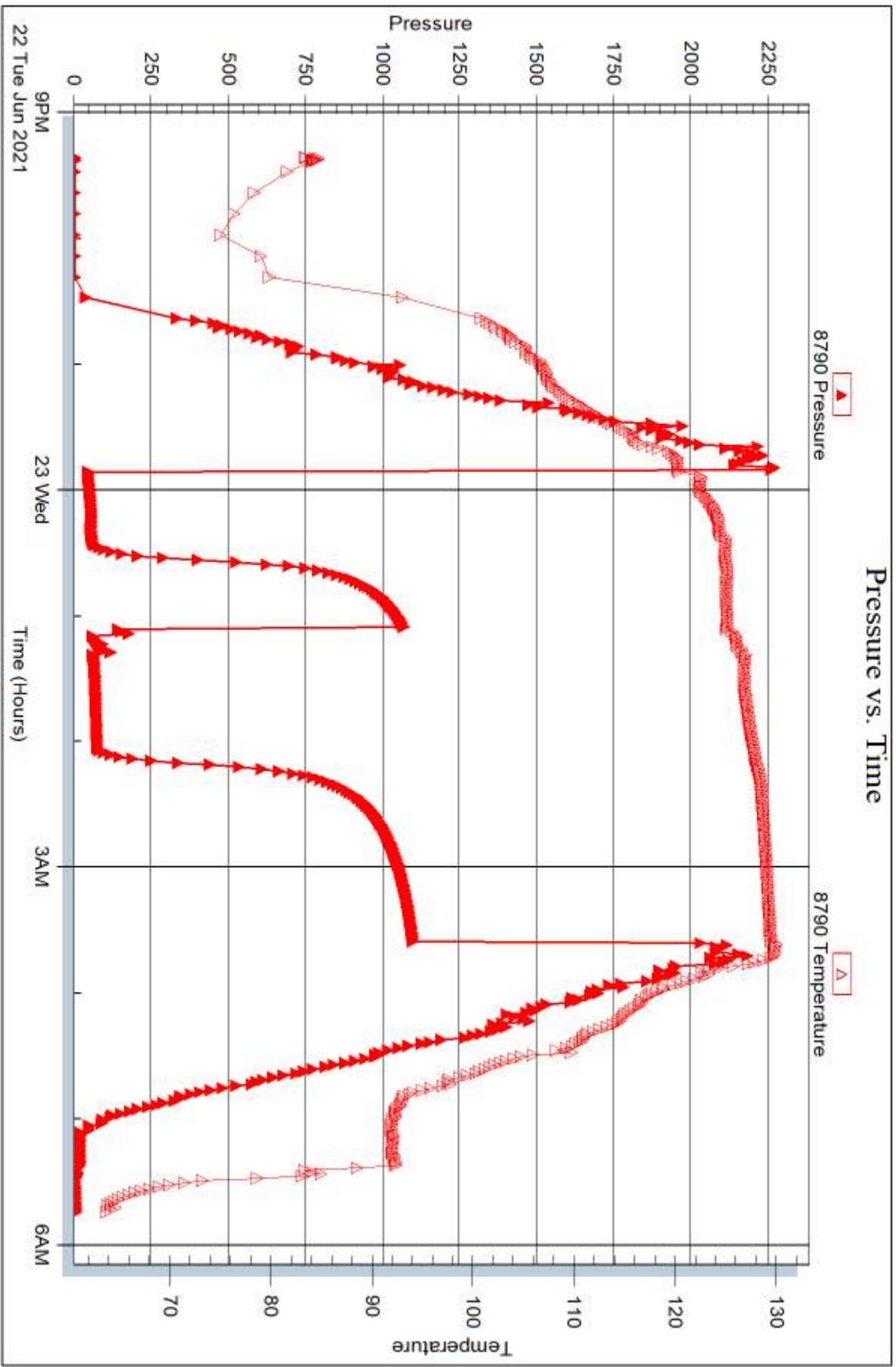
Serial #: 8790

Inside

US Oil Resources LLC

Prather #11B-1-1429

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave.
Lakewood, CO 80123

ATTN: Jim Musgrove/ Adam B

Prather #11B-1-1429

1-14s-29w Gove,KS

Start Date: 2021.06.23 @ 14:21:55

End Date: 2021.06.23 @ 22:55:55

Job Ticket #: 67457 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.06.29 @ 09:33:39



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

ATTN: Jim Musgrove/ Adam B

Job Ticket: 67457

DST#: 3

Test Start: 2021.06.23 @ 14:21:55

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:43:25

Time Test Ended: 22:55:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4475.00 ft (KB) To 4495.00 ft (KB) (TVD)

Reference Elevations: 2751.00 ft (KB)

Total Depth: 4495.00 ft (KB) (TVD)

2742.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8674 Outside

Press@RunDepth: 64.88 psig @ 4476.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.06.23

End Date:

2021.06.23

Last Calib.:

2021.06.23

Start Time: 14:22:00

End Time:

22:55:55

Time On Btm:

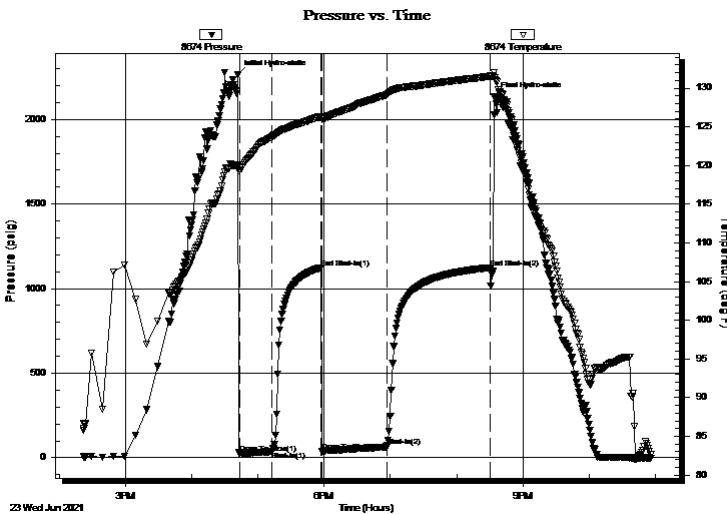
2021.06.23 @ 16:41:55

Time Off Btm:

2021.06.23 @ 20:34:25

TEST COMMENT: IF: 1/4" blow built to 2 1/4"
IS: No return.
FF: 1/4" blow built to 2 1/2" died to 1 1/2"
FS: No return. 30-45-60-90

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.63	120.04	Initial Hydro-static
2	27.11	119.41	Open To Flow (1)
31	36.49	123.67	Shut-In(1)
75	1123.91	126.31	End Shut-In(1)
76	39.54	126.00	Open To Flow (2)
135	64.88	129.13	Shut-In(2)
229	1123.98	131.55	End Shut-In(2)
233	2134.58	131.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 10%g 40%o 50%m	0.87
48.00	gocm 10%g 30%o 60%m	0.67
2.00	free oil 100%o	0.03
0.00	310 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

ATTN: Jim Musgrove/ Adam B

Job Ticket: 67457

DST#: 3

Test Start: 2021.06.23 @ 14:21:55

GENERAL INFORMATION:

Formation: Miss	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Brandon Turley
Time Tool Opened: 16:43:25	Unit No: 79
Time Test Ended: 22:55:55	Reference Elevations: 2751.00 ft (KB)
Interval: 4475.00 ft (KB) To 4495.00 ft (KB) (TVD)	2742.00 ft (CF)
Total Depth: 4495.00 ft (KB) (TVD)	KB to GR/CF: 9.00 ft
Hole Diameter: 7.88 inches Hole Condition: Good	

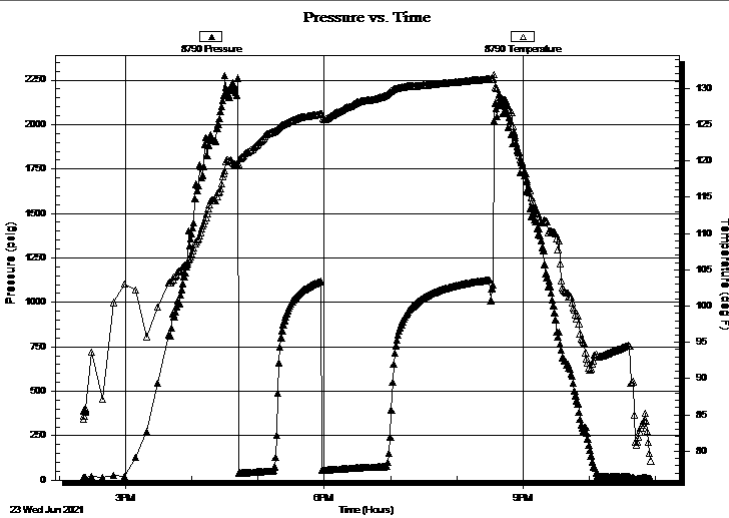
Serial #: 8790

Inside

Press@RunDepth: psig @ 4476.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2021.06.23 End Date: 2021.06.23	Last Calib.: 2021.06.23
Start Time: 14:21:51 End Time: 22:55:46	Time On Btm:
	Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 2 1/4"
IS: No return.
FF: 1/4" blow built to 2 1/2" died to 1 1/2"
FS: No return. 30-45-60-90

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 10%g 40%o 50%m	0.87
48.00	gocm 10%g 30%o 60%m	0.67
2.00	free oil 100%o	0.03
0.00	310 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

Job Ticket: 67457

DST#: 3

ATTN: Jim Musgrove/ Adam B

Test Start: 2021.06.23 @ 14:21:55

Tool Information

Drill Pipe:	Length: 4477.00 ft	Diameter: 3.80 inches	Volume: 62.80 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 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: 62.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4475.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4446.00	
Shut In Tool	5.00			4451.00	
Hydraulic tool	5.00			4456.00	
Jars	5.00			4461.00	
EM Tool	3.00			4464.00	
Safety Joint	2.00			4466.00	
Packer	5.00			4471.00	30.00 Bottom Of Top Packer
Packer	4.00			4475.00	
Stubb	1.00			4476.00	
Recorder	0.00	8790	Inside	4476.00	
Recorder	0.00	8674	Outside	4476.00	
Perforations	16.00			4492.00	
Bullnose	3.00			4495.00	20.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

1-14s-29w Gove,KS

6727 W Prentice Ave.
Lakewood, CO 80123

Prather #11B-1-1429

Job Ticket: 67457

DST#: 3

ATTN: Jim Musgrove/ Adam B

Test Start: 2021.06.23 @ 14:21:55

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 4.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	gocm 10%g 40%o 50%m	0.870
48.00	gocm 10%g 30%o 60%m	0.673
2.00	free oil 100%o	0.028
0.00	310 GIP	0.000

Total Length: 112.00 ft

Total Volume: 1.571 bbl

Num Fluid Samples: 0

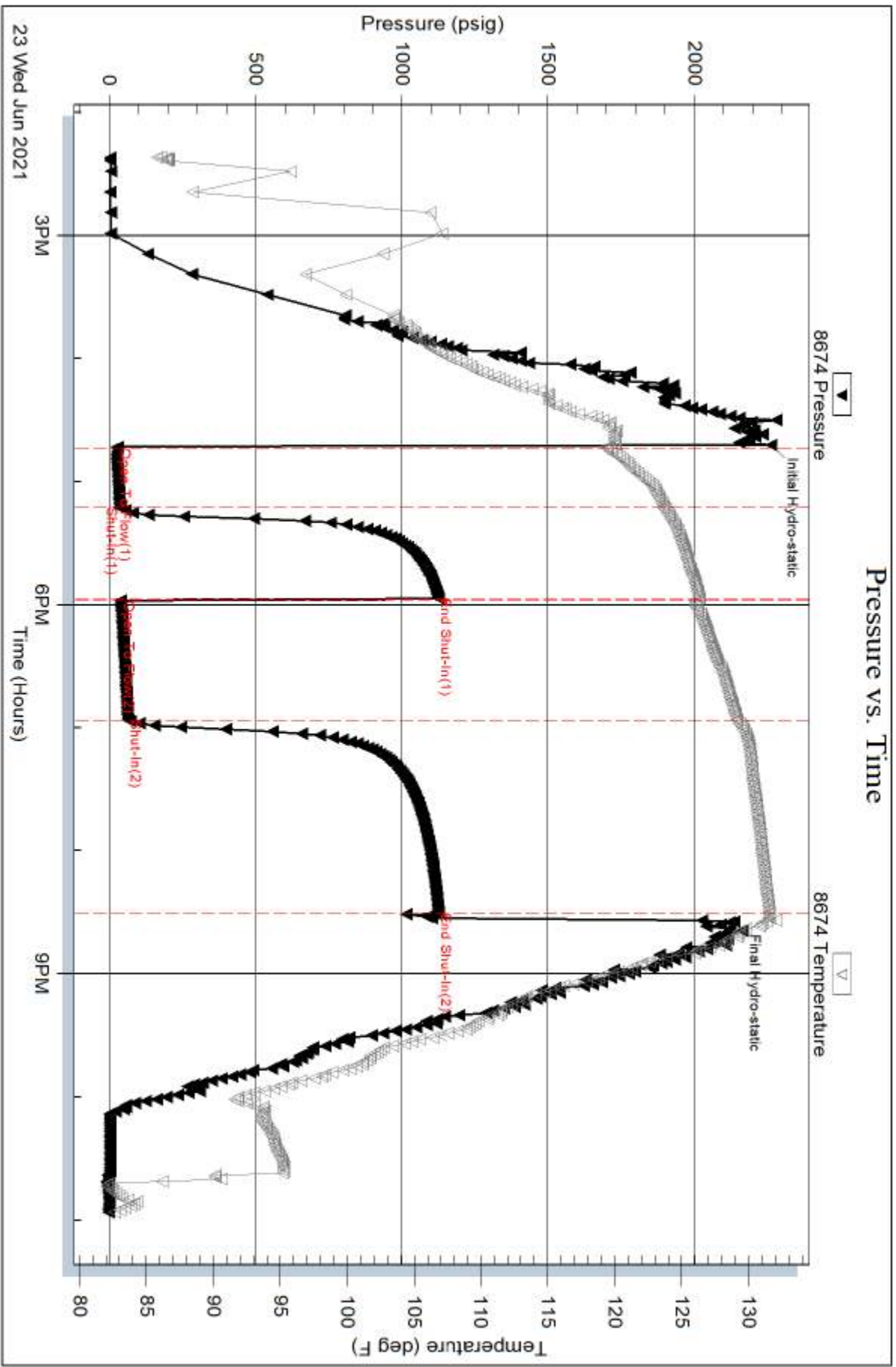
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



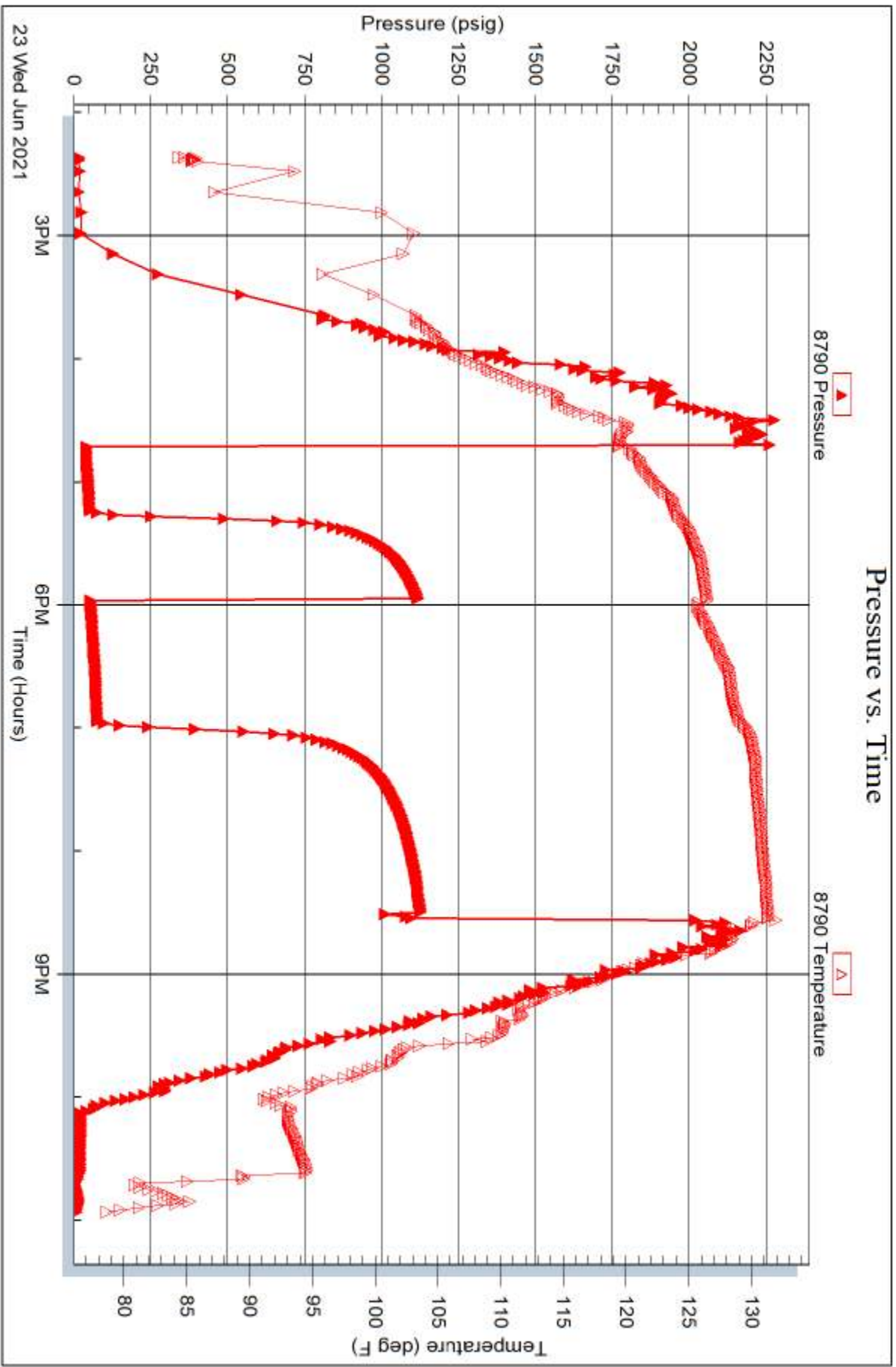
Serial #: 8790

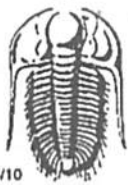
Inside

US Oil Resources LLC

Prather #11B-1-1429

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67455

Well Name & No. Prather 11B-1-1429 Test No. 1 Date 6-20-21
 Company 45 Oil Resources LLC Elevation 2751 KB 2742 GL
 Address 6727 W Prentice Ave, Lake Wood, CO 80123
 Co. Rep / Geo. Jim Musgrove / Adam Blum Rig Duke 2
 Location: Sec. 1 Twp 14 Rge. 29 Co. Gove State KS

Interval Tested 4060 4094 Zone Tested Lensing 9-H
 Anchor Length 34 Drill Pipe Run 4042 Mud Wt. 9.2
 Top Packer Depth 4055 Drill Collars Run — Vis 54
 Bottom Packer Depth 4060 Wt. Pipe Run — WL 4.0
 Total Depth 4094 Chlorides 1500 ppm System LCM —

Blow Description IF: 1/2 blow died to 1/4.
IS: NO return.
FK: No blow
FS: Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 119 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1986</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>23:20</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>6:28</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>9:18</u>
(D) Initial Shut-In <u>1057</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>10:03</u>
(E) Second Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Hourly Standby <u>2-200.00</u>	T-Out <u>11:50</u>
(F) Second Final Flow <u>24</u>	<input checked="" type="checkbox"/> Mileage <u>100-125</u>	Comments <u>—</u>
(G) Final Shut-In <u>—</u>	<input type="checkbox"/> Sampler <u>—</u>	<input checked="" type="checkbox"/> EM Tool <u>350</u>
(H) Final Hydrostatic <u>1944</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>

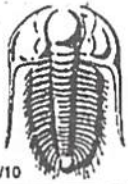
Initial Open 20
 Initial Shut-In 20
 Final Flow 5
 Final Shut-In Pull

Shale Packer —
 Extra Packer —
 Extra Recorder —
 Day Standby —
 Accessibility —
 Sub Total 1750

Ruined Packer —
 Extra Copies —
 Sub Total 350
 Total 2100
 MP/DST Disc't —

Approved By Adam Blum Our Representative [Signature]

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. 67456

Well Name & No. Prather 11B-1-1429 Test No. 2 Date 6-22-21
 Company US Oil Resources LLC Elevation 2751 KB 2742 GL
 Address _____
 Co. Rep / Geo. Jim Musgrove / Adam Blum Rig Duke 2
 Location: Sec. 1 Twp 14 Rge. 29 Co. Gove State KS

Interval Tested 4441 4490 Zone Tested M:55
 Anchor Length _____ 49 Drill Pipe Run 4415 Mud Wt. 9.2
 Top Packer Depth _____ 4436 Drill Collars Run _____ Vis 61
 Bottom Packer Depth _____ 4441 Wt. Pipe Run _____ WL 6.4
 Total Depth _____ 4490 Chlorides 2000 ppm System LCM 2
 Blow Description IF: 1/4 blow built to 1 3/4.
IS: No return.
FF: 1/4 blow built to 2" died to 1/2.
FS: NO return.

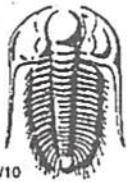
Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>90cm</u>	<u>30</u>	<u>10</u>	<u>60</u>	
<u>62</u>	<u>90cm</u>	<u>40</u>	<u>10</u>	<u>50</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of <u>124 GFP</u>	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 112 BHT 129 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2300</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>20:20</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>21:21</u>
(C) First Final Flow <u>38</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>23:51</u>
(D) Initial Shut-In <u>1079</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>31:36</u>
(E) Second Initial Flow <u>46</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>5:45</u>
(F) Second Final Flow <u>67</u>	<input checked="" type="checkbox"/> Mileage <u>100 - 125</u>	Comments _____
(G) Final Shut-In <u>1099</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2127</u>	<input type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>350</u>
	<input type="checkbox"/> Accessibility _____	Total <u>2100</u>
	Sub Total <u>1750</u>	MP/DST Disc't _____

Approved By Adam D. Blum Our Representative [Signature]

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. 67457

Well Name & No. Prather 11B-1-1429 Test No. 3 Date 6-23-21
 Company US oil Resources LLC Elevation 2751 KB 2742 GL
 Address _____
 Co. Rep / Geo. Jim Masgrove / Adam Blum Rig Duke 2
 Location: Sec. 1 Twp 14 Rge. 29 Co. Gove State KS

Interval Tested 4475 4495 Zone Tested MISS
 Anchor Length 20 Drill Pipe Run 4477 Mud Wt. 9.2
 Top Packer Depth 4470 Drill Collars Run — Vis 63
 Bottom Packer Depth 4475 Wt. Pipe Run — WL 6.4
 Total Depth 4495 Chlorides 2500 ppm System LCM 2

Blow Description FF: 1/4 blow built to 2 1/4.
IS: No return.
FF: 1/4 blow built to 2 1/2 died to 1 1/2.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Free oil</u>	<u>100</u>			
<u>48</u>	<u>90cm</u>	<u>10</u>	<u>30</u>	<u>60</u>	
<u>62</u>	<u>90cm</u>	<u>10</u>	<u>40</u>	<u>50</u>	
<u>310</u>	<u>GTP</u>				

Rec Total 112 BHT 131 Gravity — API RW — @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 2262 Test 1300 T-On Location 13:30
 (B) First Initial Flow 27 Jars 250 T-Started 14:21
 (C) First Final Flow 36 Safety Joint 75 T-Open 16:41
 (D) Initial Shut-In 1123 Circ Sub N/C T-Pulled 20:26
 (E) Second Initial Flow 39 Hourly Standby _____ T-Out 23:00
 (F) Second Final Flow 64 Mileage 100-x2 125+125 Comments _____
 (G) Final Shut-In 1123 Sampler _____
 (H) Final Hydrostatic 2134 Straddle _____ EM Tool 350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90
 Day Standby _____
 Accessibility _____
 Sub Total 1875
 Sub Total 350
 Total 2225
 MP/DST Disc't _____

Approved By Adam D. Blum 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.

OPERATOR

Company: US Oil Resources LLC
 Address: 6727 W. Prentice Ave

Contact Geologist: Chuck Zorio/Tony Church
 Contact Phone Nbr:
 Well Name: Prather #11B-1-1429
 Location: 1-14s-29w, NW-NW-NE-SE
 API:
 Pool:
 State: Kansas

Field:
 Country: USA

Scale 1:240 Imperial

Well Name: Prather #11B-1-1429
 Surface Location: 1-14s-29w, NW-NW-NE-SE
 Bottom Location:
 API:
 License Number: 35233
 Spud Date: 6/15/2021 Time: 12:00 AM
 Region: Gove
 Drilling Completed: 6/24/2021 Time: 12:00 AM
 Surface Coordinates: 2435' FSL & 1547' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 2742.00ft
 K.B. Elevation: 2750.00ft
 Logged Interval: 3500.00ft To: 4695.00ft
 Total Depth: 0.00ft
 Formation: Mississippian
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 Latitude:
 N/S Co-ord: 2435' FSL
 E/W Co-ord: 1547' FWL

LOGGED BY

Company: James C Musgrove Petroleum LLC
 Address: 212 Main Street/PO Box 215
 Claflin, KS 67525

Phone Nbr: 620-786-0839
 Logged By: KLG #307

Name: James C Musgrove

CONTRACTOR

Contractor: Duke Drilling
 Rig #: 2
 Rig Type: mud rotary
 Spud Date: 6/15/2021 Time: 12:00 AM
 TD Date: 6/24/2021 Time: 12:00 AM
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 2750.00ft Ground Elevation: 2742.00ft
 K.B. to Ground: 8.00ft

NOTES

Well Comparison Sheet

DRILLING WELL

US OIL RESOURCES LLC

NW-NW-SE-SE

1-14S-29W

2750 KB

Formation	Sample	Sub-Sea	Log	Sub-Sea
Anhydrite		2750	2203	547
Base Anhydrite		2750	2237	513
Heebner	3870	-1120	3850	-1100
Toronto		2750	3867	-1117
Lansing	3884	-1134	3886	-1136
Stark	4126	-1376	4124	-1374
Base Kansas City	4192	-1442	4186	-1436
Marmaton	4217	-1467	4213	-1463
Pawnee	4288	-1538	4285	-1535
Myrick Station	4334	-1584	4334	-1584
Ft. Scott	4370	-1620	4370	-1620
Cherokee	4391	-1641	4398	-1648
Miss Spergen	4473	-1723	4471	-1721
Miss Warsaw	4328	-1578	4528	-1778
Miss Osage	4551	-1801	4551	-1801
Gilmore	4675	-1925	4675	-1925
Rotary Depth	4695	-1945	4695	-1945
Total Depth	4695	-1945	4695	-1945



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources LLC

6727 W Prentice Ave.
Lakewood, Co 80123

ATTN: Jim Musgrove/ Adam B

1-14-29 Gove, Ks

Prather 11B-1-1429

Job Ticket: 67455 DST#: 1

Test Start: 2021.06.21 @ 06:28:54

GENERAL INFORMATION:

Formation: Lansing G-H

Deviated: No Whipstock ft (KB)

Time Tool Opened: 09:19:54

Time Test Ended: 11:49:54

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

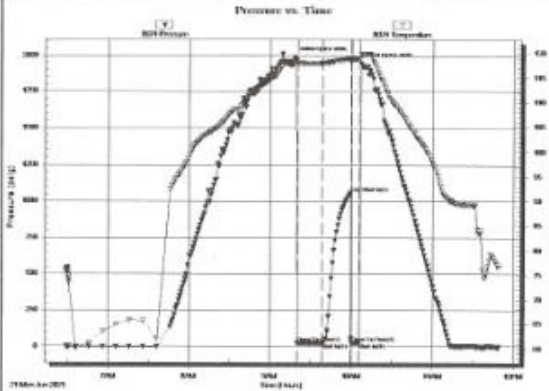
Time Test Ended: 05:44:56
 Interval: 4060.00 ft (KB) To 4094.00 ft (KB) (TVD)
 Total Depth: 4094.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Unit No: 79
 Reference Elevations: 2751.00 ft (KB)
 2742.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8674 Outside
 Press@RunDepth: 22.96 psig @ 4061.00 ft (KB)
 Start Date: 2021.06.21 End Date: 2021.06.21
 Start Time: 06:28:54 End Time: 11:48:54

Capacity: 8000.00 psig
 Last Calib.: 2021.06.21
 Time On Btm: 2021.06.21 @ 09:17:54
 Time Off Btm: 2021.06.21 @ 10:06:54

TEST COMMENT: IF: 1/2 blow died in 1/4.
 IS: No return.
 FF: No blow.
 FS: Pulled tool 20-20-5-pull



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1986.55	118.44	Initial Hydro-static
2	22.43	118.00	Open To Flow (1)
21	22.96	117.98	Shut-In(1)
42	1057.45	118.83	End Shut-In(1)
43	24.12	118.63	Open To Flow (2)
48	24.93	118.92	Shut-In(2)
49	1944.72	119.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
5.00	mud oil spots 100% m	0.07

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcfd)

TriLOBite Testing, Inc.

Ref. No: R7455

Printed: 2021.06.21 @ 11:47:16



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

1-14-29 Gove, Ks

6727 W Prentice Ave.
 Lakewood, Co 80123

Prather 11B-1-1429

ATTN: Jim Musgrove/ Adam B

Job Ticket: 67456

DST#: 2

Test Start: 2021.06.22 @ 21:21:56

GENERAL INFORMATION:

Formation: Miss
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:51:56
 Time Test Ended: 05:44:56

Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79

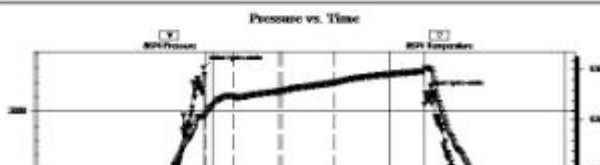
Interval: 4441.00 ft (KB) To 4490.00 ft (KB) (TVD)
 Total Depth: 4490.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2751.00 ft (KB)
 2742.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8674 Outside
 Press@RunDepth: 67.47 psig @ 4442.00 ft (KB)
 Start Date: 2021.06.22 End Date: 2021.06.23
 Start Time: 21:22:01 End Time: 05:44:55

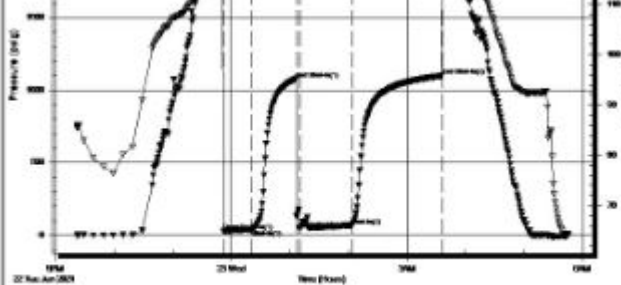
Capacity: 8000.00 psig
 Last Calib.: 2021.06.23
 Time On Btm: 2021.06.22 @ 23:49:56
 Time Off Btm: 2021.06.23 @ 03:37:26

TEST COMMENT: IF: 1/4 blow built to 1 3/4.
 IS: No return.
 FF: 1/4 blow built to 2 died to a 1/2.
 FS: No return. 30-45-60-90



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2300.01	120.78	Initial Hydro-static
2	30.69	120.70	Open To Flow (1)
31	38.40	124.59	Shut-In(1)



77	1079.47	125.73	End Shut-h(1)
80	46.88	125.91	Open To Flow (2)
134	67.47	127.48	Shut-h(2)
227	1099.63	129.77	End Shut-h(2)
228	2127.37	130.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 40%g 10%o 50%m	0.87
50.00	gocm 30%g 10%o 60%m	0.70
0.00	124 GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

Trilobite Testing, Inc

Ref. No: 67456

Printed: 2021.06.23 @ 06:37:21



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

US Oil Resources LLC
 6727 W Prentice Ave.
 Lakewood, Co 80123
 ATTN: Jim Musgrove/ Adam B

1-14-29 Gove, Ks
Prather 11B-1-1429
 Job Ticket: 67457 **DST#: 3**
 Test Start: 2021.06.23 @ 14:21:55

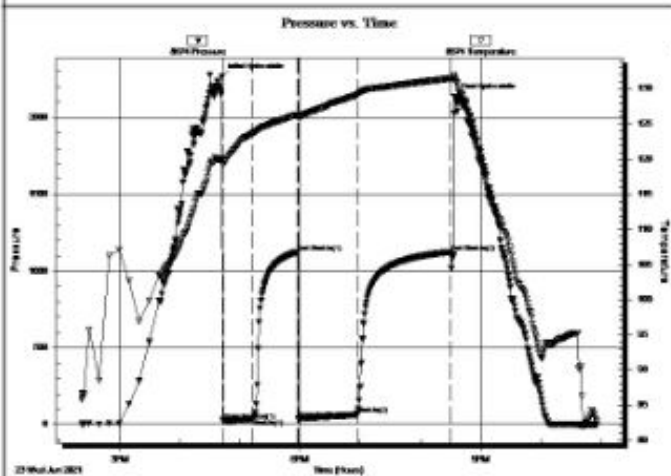
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 16:43:25
 Time Test Ended: 22:55:55
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Interval: **4475.00 ft (KB) To 4495.00 ft (KB) (TVD)**
 Reference Elevations: 2751.00 ft (KB)
 Total Depth: **4495.00 ft (KB) (TVD)**
 2742.00 ft (CF)
 Hole Diameter: **7.88 inches**Hole Condition: **Good**
 KB to GR/CF: 9.00 ft

Serial #: 8674 **Outside**

Press@RunDepth: 64.88 psig @ 4476.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.06.23 End Date: 2021.06.23 Last Calib.: 2021.06.23
 Start Time: 14:22:00 End Time: 22:55:55 Time On Btm: 2021.06.23 @ 16:41:55
 Time Off Btm: 2021.06.23 @ 20:34:25

TEST COMMENT: IF: 1/4 blow built to 2 1/4.
 IS: No return.
 FF: 1/4 blow built to 2 1/2 died to 1 1/2.
 FS: No return. 30-45-60-90

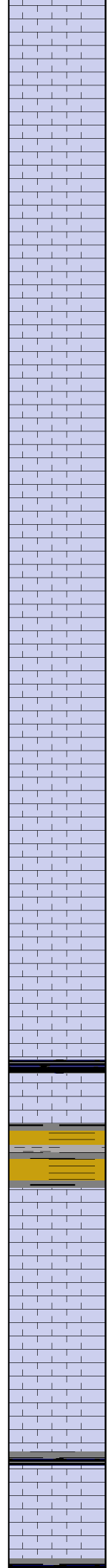
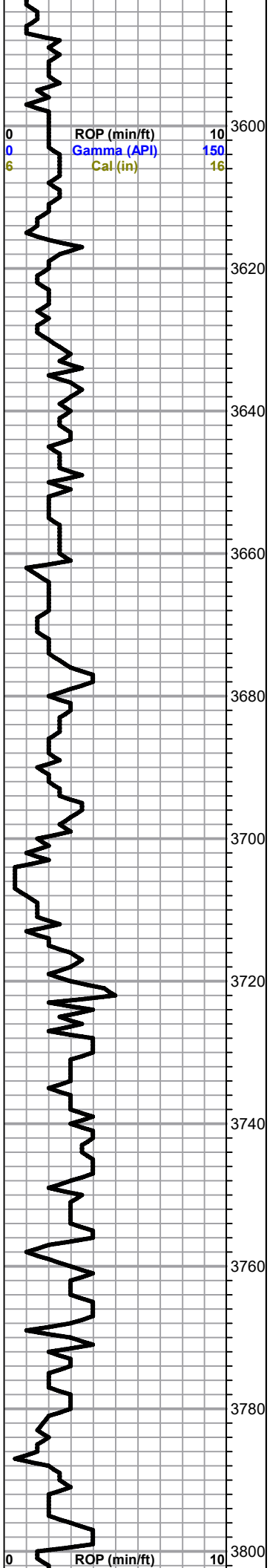


PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.63	120.04	Initial Hydro-static
2	27.11	119.41	Open To Flow (1)
31	36.49	123.67	Shut-h(1)
75	1123.91	126.31	End Shut-h(1)
76	39.54	126.00	Open To Flow (2)
135	64.88	129.13	Shut-h(2)
229	1123.98	131.55	End Shut-h(2)
233	2134.58	131.32	Final Hydro-static

Recovery

Gas Rates



AA

LS,tan,fxl,cherty in part NS

LS,tan,highlyfoss,sparry calcite cement,scattered porosity

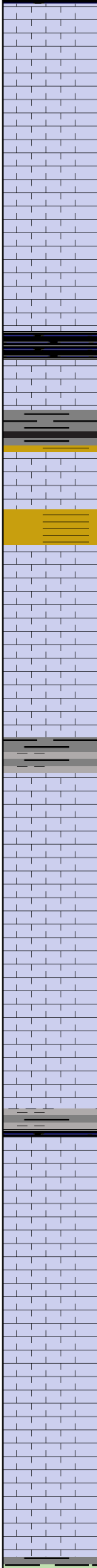
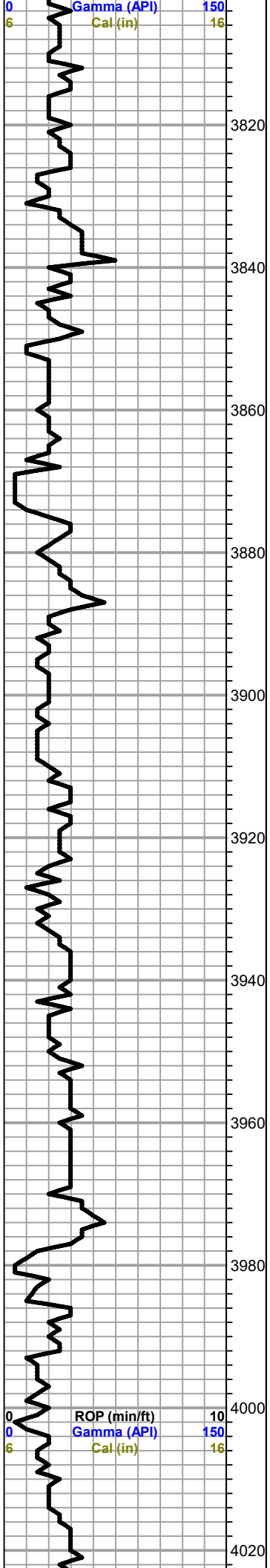
LS,tan,fxl,granular,foss.poor visible porosity..NS

Shale,black,carb ..

Shale,gray,black

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

0	Total Gas (units)	100
---	-------------------	-----



LS,tan,fxl,slightly dolomitic,plus white,gray, Chert

LS,gray,white,foss.,chalky + Chert aa

aa

LS,tan,fxl,foss ,chalky,poor visible porosity, NS

HEEBNER 3850(-1100)
 Shale,blk,carb..

Shale,gray,green,soft

TORONTO 3870(-1120)
 LS,white,gray,chalky,poor to fair porosity.NS
 Shale,gray,green

LANSING 3884(-1134)
 LS,white,gray,foss/oolitic,chalky,poor visible ..NS

LS,tan,white,oolitic in part,chalky,plus gray,white,chert NS

Shale,gray,soft

LS,gray,white,highly oolitic,slightly cherty, poorly developed porosity

LS,white,tan,fxl,foss,chalky..NS

LS., tan gray, fine and medium crystalline, foss, scattered ixl porosity.NS

gray/black shale

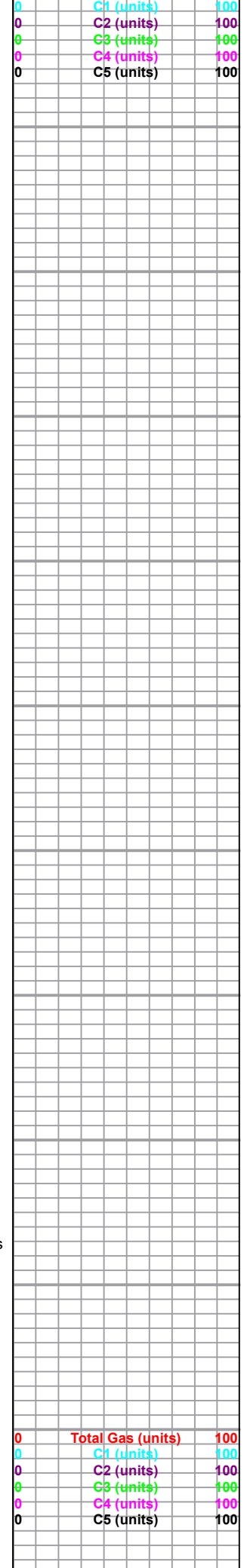
LS,tan,gray,white,fxl,poor visible porosity,NS

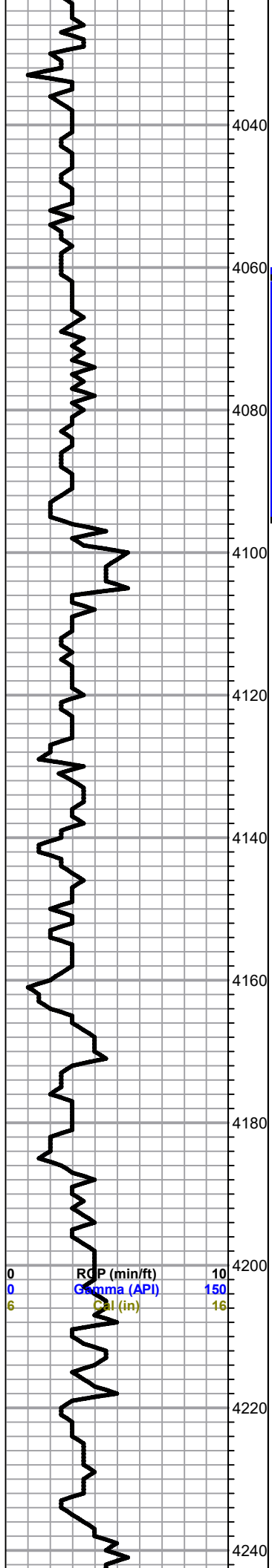
LS,fxl,suc.,few dolomitic,few foss.,fair ixl and pinpoint type porosity,plus Chert,white,gray,boney and opaque NS

LS.,white,tan,fxl,oolic in part,sparry calcite cement.fair porosity.NS

LS., aa plus white chalk NS

LS.,tan,cherty,plut tan Chert





0 RCP (min/ft) 10
 0 Gamma (API) 150
 6 CFI (in) 16

MUNCIE CREEK 4030(-1280)

Shale,black, carb

LS.,tan,foss. cherty, dense

LS.,gray,white,mottled,few foss., poor porosity..NS

Shale,black,carb

LS.,white,oolitic,chalky,poor porosity,trace light brown stain,trace of free oil, questionable odor...poor flurs.

LS.,white,gray,chalky,fair porosity,brown/dark brown stain,sfo,faint odor

LS.,white,highly oolitic,chalky,poor porosity

LS,aa

STARK 4126(-1366)

Shale,black carb

LS,tan,white,foss.,chalky,poor light brown stain,trace of free oil faint odor

LS,white,foss in part, poor porosity NS

HUSHPUCKNEY 4156(-1406)

Shale,black,carb

LS,tan,slightly cherty,,foss..dense

LS,tan/gray,slightly foss.chalky,poor visible porosity plus white chalk

BASE KANSAS CITY 4188(-1438)

tr. black carb shale

"US OIL" BASE KANSAS CITY 4201(-1451)

shale,gray,silly,calcerous

MARMATON 4221(-1471)

LS,white,oolitic,chalky,trace spotty brown stain,no show of free oil and no odor

Shale,gray,black

LS,tan,beige,gray,foss.,chalky poor porosity NS

DST #1 4060-4094

20-20-5-

Blow, Weak

Recovery

5' mud.with
oil spots

Pressures

ISIP 1057 psi

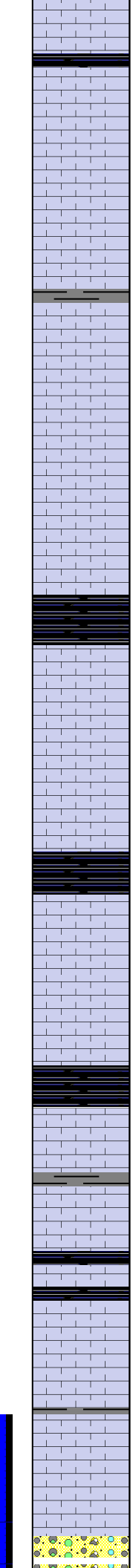
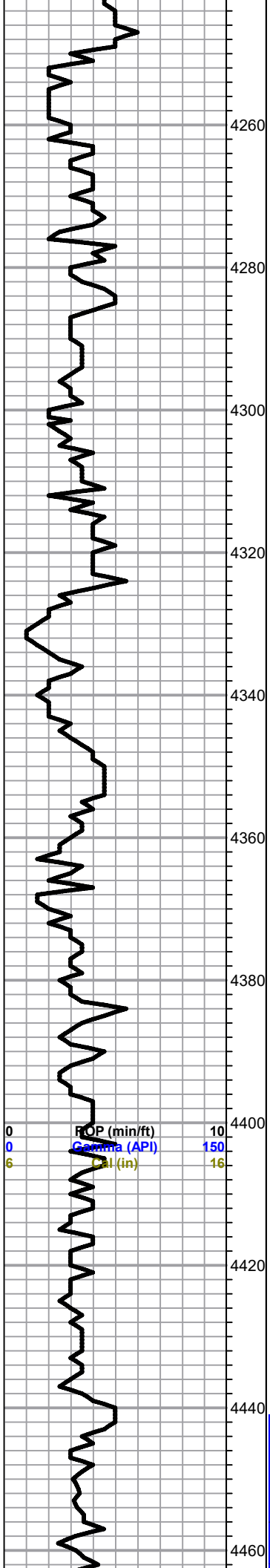
FSIP XXX

IFP 22-23 psi

FFP 24-25 psi

HSH 1987-1945 psi

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100



Shle,black,carb.

LS.,tan,gray,white,fxl,chalky,poorly developed porosity,trace brown edge staining, one(1) piece show of free oil and no odor,poor flurs

LS., aa no show

PAWNEE 4288(-1538)

LS.,gry/white,few oolitic,chalky,poor vsible porosity.NS

LS.,gray,gran.chalky..NS

aa ncrease gray/dark gray argill.(shaley) @ base

"US OIL" MYRICK STATION 4315(-1565)

Shale,black,carb..

MYRICK STATION 4334(-1584)

LS.,tan,gray,foss.,chalky,fair porosity,gray and brown stain,no free oil,no odor

LS.,tan,foss/ool. dense.NS

"US OIL" FT. SCOTT 4361(-1611)

Shale,blak,carb.

FT. SCOTT 4371(-1621)

LS.,tan,foss.cherty,dense NS

LS.,tan/gray,foss/ool.,slightly cherty,dense

CHEROKEE 4391(-1641)

Shale,black,carb..

LS,tan,oolitic,slightly chalky,plus gray,smokey gray opaque chert NS

LS.,white,foss.,few medium crystalline,brown and gry stain,no show free oil and no odor in fresh samples

shale,black ,carb

LS,whie,gray,chalky,slightly,oolitc NS

Shale,gray,black

JOHNSON ZONE 4445

LS.,white,gray,chalky increasingly cherty NS

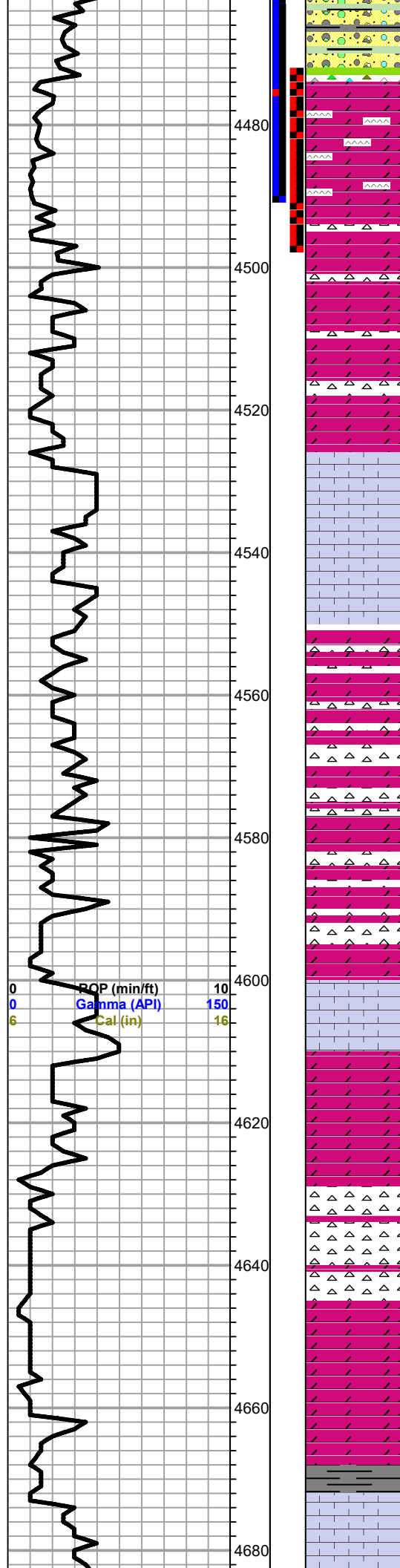
LS.,tan,chalky,few cherty,dense plus chert,tan ,opaque NS

CONGLOMERATE 4458

LS and Chert aa

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

DST #2 4441-4490
30-45-60-90
Blow weak (1 3/4 inches)
Final 2" decline 1/2 "
Recovery
124' Gas in Pipe
50' Oil and gas cut mud



.Chert,clear, translucent,plus green ,gray shales ,trace white very fine grained,calcerous sand

MISS. SPERGEN 4473(-1723)

Dolomite,tan,sucrosic,cherty,scatterd vuggy porosity,fair to good dark brown stain and saturation,show of free oil and faint to fair odor in fresh samples

Dolomite,aa,fair stain and saturation,show of free oil and faint odor

Dolomite,tan,fxl,sucrosic,slightly cherty,fair vuggy type porosity,poor stain ,no show of free oil and no odor in fresh samples

Dolomite aa plus white chalk

Dolomite aa plus white,dolomitic Limestone

MISS. WARSAW 4528(-1778)

LS.white,tan,fine and medium crystalline,highly fossiliferous,chalky,poor porosity

LS.,aa plus gray,white,oolitic chert

LS.white,medium crystalline, glauconitic

MISS. OSAGE 4553(-1803)

Chert,white,gray,foss, translucent,opaque,plis,Dolomite,tan/white,dense

Chert and Dolomite aa, trace iron pyrite inclusions in Dolomite

aa

aa

LOWER OSAGE LIME 4601

LS,tan,highly oolitic, chalky

Dolomite,tan,suc,slightly cherty, dense..plus Chert,white,cream smokey gray,fossiliferous,boney

slug Chert,gray,white, boney and white glauconitic Dolomite

Chert and Dolomite aa

Ditto aa

abuntant gray,black,green Shale

GILMORE CITY 4675(-1925)

LS.,white,cream,fxl,chalky,plus trace white dolomitic limestone and white chalk

30 Oil and gas cut mud

(30% GAS,10%OIL,60% MUD)

62'Oil and gas cut mud

40% GAS,10%OIL,50% MUD)

PRESSURES

ISIP 1079 psi

FSIP 1100 psi

IFF 31-38 psi

FFP 47-67 psi

HSH 2300-2128 psi

DST#3 4475-4495

30-45-60-90

Blow weak 2 1/4 inches

final 21/2" decline 11/2 "

Recovery

310' Gas in Pipe

2'Free Oil

48' Heavily Oil and Gas Cut Mud

10% Gas,30% Oil,60% Mud)

62'HOGCM

(10% Gas,40% Oil,50% Mud)

PRESSURES

ISIP 1124 psi

FSIP 1124 psi

IFF 27-36 psi

FFP 40-65 psi

HSH 2263-2135 PSI

0 **Total Gas (units)** 100

0 **C1 (units)** 100

0 **C2 (units)** 100

0 **C3 (units)** 100

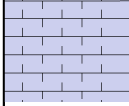
0 **C4 (units)** 100

0 **C5 (units)** 100

0 ROP (min/ft) 10

0 Gamma (API) 150

6 Cal (in) 16



aa

RTD 4695(-1945)