

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	US Oil Resources LLC
Well Name	BEOUGHER 11D-36-1329
Doc ID	1426586

All Electric Logs Run

Array Induction/Gamma Ray
Density Neutron
Compensated Sonic
Microresistivity
Caliper
Cement Bond Log



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 55258

LOCATION Oakley, KS

FOREMAN _____

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-29-18		Bearinger 11D	36	13 ^s	29 ^w	Goive
CUSTOMER US Oil Resources LLC			6 ^{ave} 6 ^{South} 1/4 East			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			731	Cory Davis		
STATE			70	Steve Chapman		
ZIP CODE			697	Walt Deibel		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 264' CASING SIZE & WEIGHT _____
 CASING DEPTH 264 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15-20'
 DISPLACEMENT 15.5 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety meeting, rig up on Deck #2, Circ. casing on bottom
Mix 175 sks conc, 3%acc-2%gel, Displace 15 1/2 BBL H₂O, Shut in
Cement DV'd Cur.

Approx 3 BBL to BT

Thank You
Walt Deibel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
000471	1	PUMP CHARGE	1,150.00	1,150.00
000002	30	MILEAGE	7.12	214.50
000711	8.23	Ten Mileage Delivery	1.70	1,400.00
	175 sks	Surface Blend II	24.00	4,200.00
				6,224.50
				Less 3% Disc
				1,867.50
				4,357.00
			SALES TAX	249.70
			ESTIMATED TOTAL	4,607.05

AUTHORIZATION Adam Deibel TITLE _____ DATE _____

I acknowledge that the payment 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.



PRESSURE PUMPING LLC
 PO Box 834, Chanute, KS 66720
 620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

TICKET NUMBER 55271
 LOCATION Oak Hills
 FOREMAN Miles Shaw

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-8-18						
CUSTOMER U.S. Oil			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
			DRIVER			

JOB TYPE 2 Stage HOLE SIZE 5 7/8 HOLE DEPTH 4034 CASING SIZE & WEIGHT
 CASING DEPTH 4034 DRILL PIPE _____ TUBING _____ OTHER NO 731P
 SLURRY WEIGHT 14.2 SLURRY VOL 14/19 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 112.5/56 DISPLACEMENT PSI 120/500 MIX PSI _____ RATE _____

REMARKS: Safety mechanics and Rig up on Duke drilling Rig #2 Run in the 2nd casing
Central casing runs 12, 3, 4, 5, 7, 8, 9, 10, 12, 54, 56. No tool on set 55 @ 2334' Backlog
2nd @ 55 bottom. Circulate casing mix x 225 ss thru well and III w/ 5" K/S mud shut down
Close pump then release discharge valve 100 lbs water + 52 K lbs mud w/ 1100 psi lift
Plug drill and hold @ 1700 psi. Discharge pump shut water 15 min open tool @ 500 psi. Circulate
Casing 4 hrs. Pump 540 gal water mix 4000 psi. Let circulate III w/ 10" Colalibki shut down
Close pump then release discharge valve 50 lbs water plus drill and shut @ 1500 psi
500 psi lift cement did not circulate.
Run 500 gal mud then on bottom stage
Mix 320 RH 2000 MH Thompson 7/10/18

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CF0453	1	PUMP CHARGE	2600.00	2600.00
CF0802	35	MILEAGE	7.15	250.25
CF0710	29.93 Tons	Ton mileage delivery	1.75	1833.21
CC5831	450 Sx	Li+VersH blood III	17.50	7875.00
CC5867	225 Sx	Thixo blood III	26.00	5850.00
CC6075	113 #	Colalibki	3.00	339.00
CC6077	1125 #	40/50 sand	.50	562.50
CC6475	50 gal	Mud flush	1.25	375.00
CP8254	1	5/8" latch down plug & assembly	400.00	400.00
CP8485	1	5/8" float shoe AF4	585.00	585.00
CP8534	12	5/8" Centralizer	81.00	972.00
CP8624	1	5/8" Backstop	385.00	385.00
CP8601	1	5/8" Du tool	5970.00	5970.00
			Subtotal	28140.96
			105530% discount	8441.08
			Subtotal	19702.88
	30 - RH			
	20 - MH			
			SALES TAX	
			ESTIMATED	
			TOTAL	

AUTHORIZATION John D. Bell TITLE _____ DATE _____

I acknowledge that the payment 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: Adam Bloom

Beougher 11D-36-1329

36-13S-29W Gove,KS

Start Date: 2018.09.03 @ 09:20:00

End Date: 2018.09.03 @ 16:20:02

Job Ticket #: 63456 DST #: 1

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

Printed: 2018.09.10 @ 13:29:02



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC
 6727 W Prentice Ave
 Lakewood CO 80123
 ATTN: Adam Bloom

36-13S-29W Gove, KS
Beougher 11D-36-1329
 Job Ticket: 63456 **DST#: 1**
 Test Start: 2018.09.03 @ 09:20:00

GENERAL INFORMATION:

Formation: **LKC D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:17:32
 Time Test Ended: 16:20:02
 Interval: **3954.00 ft (KB) To 3988.00 ft (KB) (TVD)**
 Total Depth: 3988.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 72
 Reference Elevations: 2761.00 ft (KB)
 2749.00 ft (CF)
 KB to GR/CF: 12.00 ft

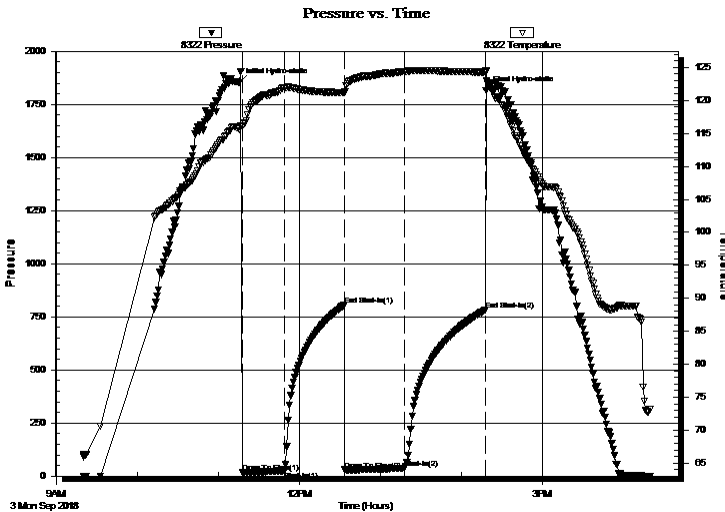
Serial #: 8322

Inside

Press@RunDepth: 37.32 psig @ 3955.00 ft (KB) Capacity: psig
 Start Date: 2018.09.03 End Date: 2018.09.03 Last Calib.: 2018.09.03
 Start Time: 09:20:01 End Time: 16:20:02 Time On Btm: 2018.09.03 @ 11:15:47
 Time Off Btm: 2018.09.03 @ 14:18:17

TEST COMMENT: IFP 30 minutes Blow built to 2 3/4"
 ISI 45 minutes No blow back
 FFP 45 minutes Blow built to 3/4"
 FSI 60 minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1852.04	115.65	Initial Hydro-static
2	18.85	116.03	Open To Flow (1)
33	24.80	121.90	Shut-In(1)
78	804.51	121.22	End Shut-In(1)
78	29.59	121.24	Open To Flow (2)
122	37.32	124.37	Shut-In(2)
182	781.98	124.25	End Shut-In(2)
183	1814.77	124.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Muddy Water w/skim oil in pipe	0.70
0.00	Mud 20% Water 80%	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

ATTN: Adam Bloom

Job Ticket: 63456

DST#: 1

Test Start: 2018.09.03 @ 09:20:00

GENERAL INFORMATION:

Formation: **LKC D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:17:32

Time Test Ended: 16:20:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72

Interval: 3954.00 ft (KB) To 3988.00 ft (KB) (TVD)

Reference Elevations: 2761.00 ft (KB)

Total Depth: 3988.00 ft (KB) (TVD)

2749.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6752 Outside

Press@RunDepth: 784.01 psig @ 3956.00 ft (KB)

Capacity: psig

Start Date: 2018.09.03

End Date:

2018.09.03

Last Calib.:

2018.09.03

Start Time: 09:20:01

End Time:

16:19:02

Time On Btm:

2018.09.03 @ 11:15:47

Time Off Btm:

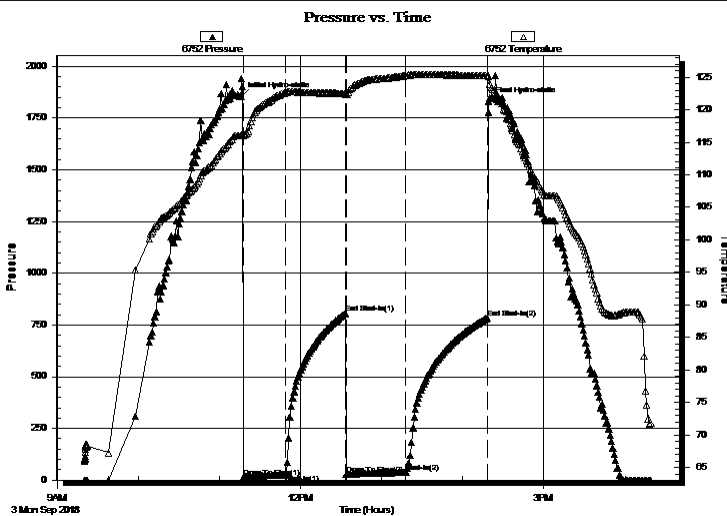
2018.09.03 @ 14:18:47

TEST COMMENT: IFP 30 minutes Blow built to 2 3/4"

ISI 45 minutes No blow back

FFP 45 minutes Blow built to 3/4"

FSI 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1854.13	115.98	Initial Hydro-static
2	15.64	115.98	Open To Flow (1)
33	25.79	122.60	Shut-In(1)
78	805.72	122.50	End Shut-In(1)
78	27.90	122.29	Open To Flow (2)
122	37.88	125.23	Shut-In(2)
183	784.01	125.21	End Shut-In(2)
183	1830.69	125.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Muddy Water w/skim oil in pipe	0.70
0.00	Mud 20% Water 80%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

Job Ticket: 63456

DST#: 1

ATTN: Adam Bloom

Test Start: 2018.09.03 @ 09:20:00

Tool Information

Drill Pipe:	Length: 3950.00 ft	Diameter: 3.80 inches	Volume: 55.41 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 55.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3954.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			3937.00	
Hydraulic tool	5.00			3942.00	
Safety Joint	2.00			3944.00	
Top Packer	5.00			3949.00	
Packer	5.00			3954.00	22.00 Bottom Of Top Packer
Recorder	1.00	8322	Inside	3955.00	
Recorder	1.00	6752	Outside	3956.00	
Anchor	29.00			3985.00	
Bullnose	3.00			3988.00	34.00 Anchor Tool
Total Tool Length:	56.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

Job Ticket: 63456

DST#: 1

ATTN: Adam Bloom

Test Start: 2018.09.03 @ 09:20:00

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:

18000 ppm

Viscosity: 5.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	Muddy Water w/skim oil in pipe	0.701
0.00	Mud 20% Water 80%	0.000

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

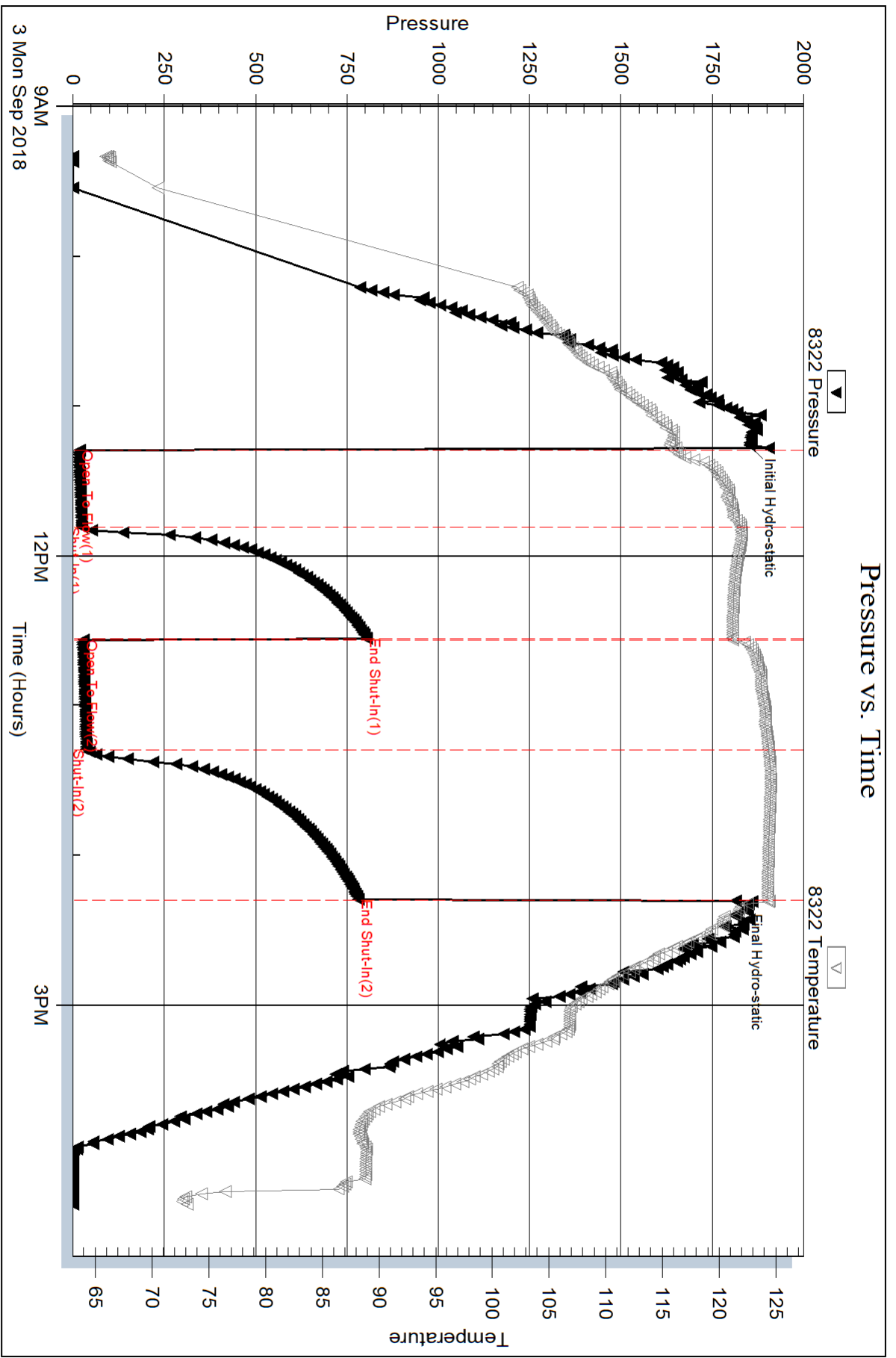
Num Gas Bombs: 0

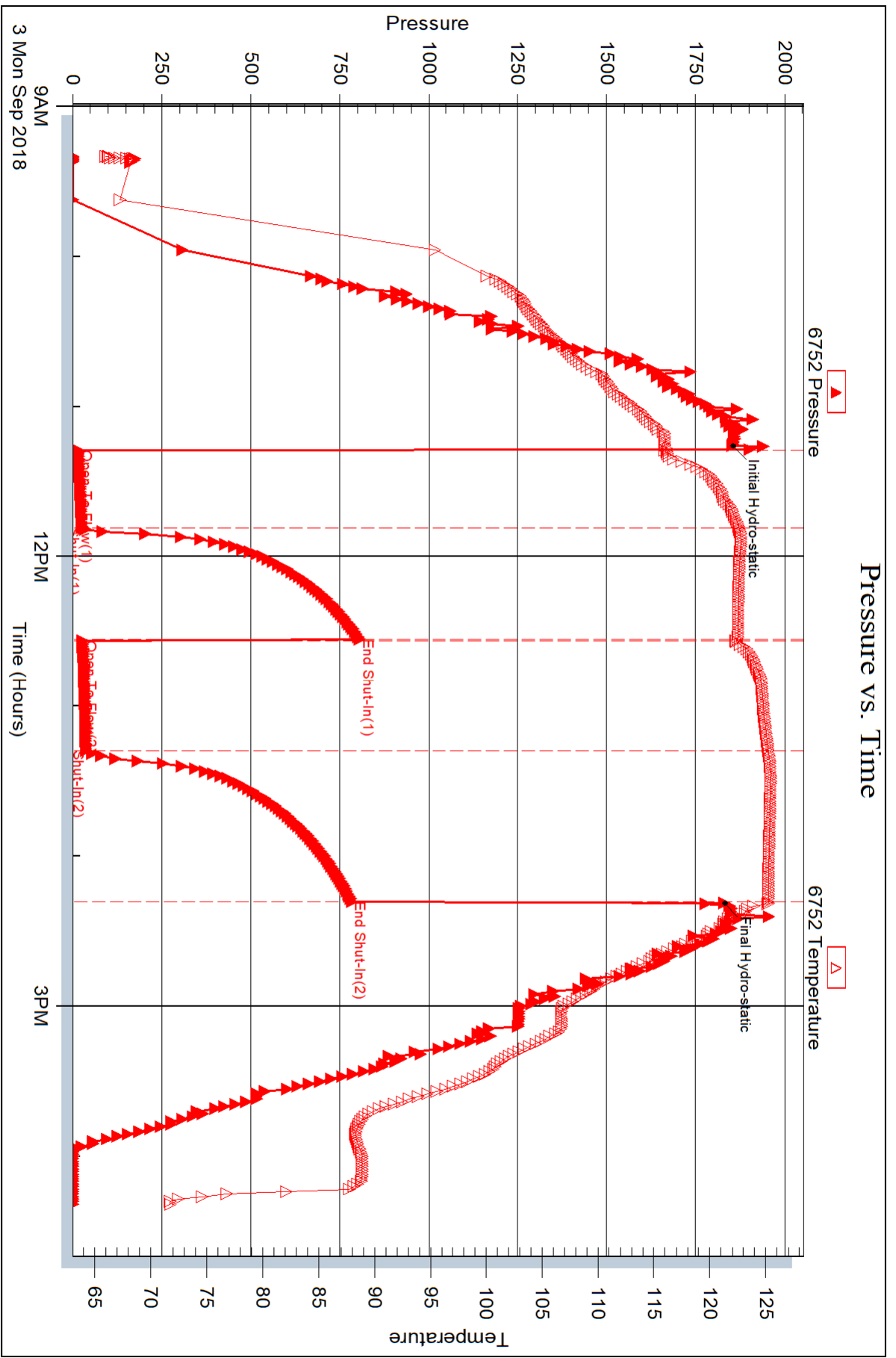
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Recovery Resistivity .325 ohms @ 79 deg.







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Adam Bloom

Beougher 11D-36-1329

36-13S-29W Gove,KS

Start Date: 2018.09.04 @ 09:33:00

End Date: 2018.09.04 @ 13:57:17

Job Ticket #: 63457 DST #: 2

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

Printed: 2018.09.10 @ 13:28:38



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC
 6727 W Prentice Ave
 Lakewood CO 80123
 ATTN: Adam Bloom

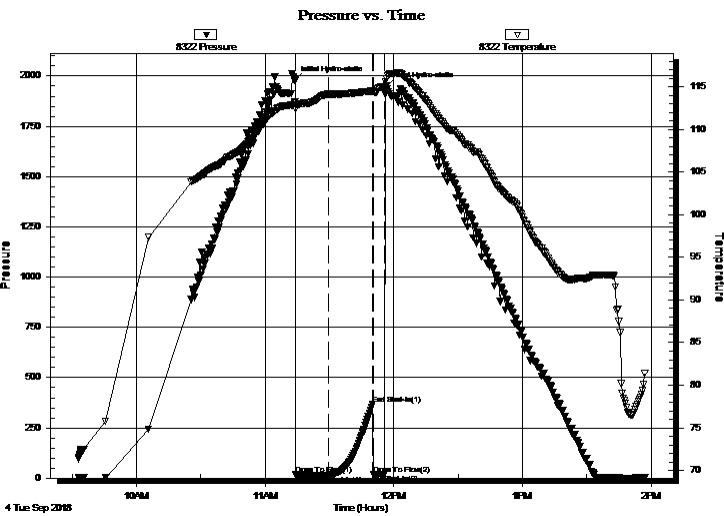
36-13S-29W Gove, KS
Beougher 11D-36-1329
 Job Ticket: 63457 **DST#: 2**
 Test Start: 2018.09.04 @ 09:33:00

GENERAL INFORMATION:

Formation: **LKC G - H**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 11:14:17
 Tester: Ken Swinney
 Time Test Ended: 13:57:17
 Unit No: 72
 Interval: **4045.00 ft (KB) To 4103.00 ft (KB) (TVD)**
 Reference Elevations: 2761.00 ft (KB)
 Total Depth: 4103.00 ft (KB) (TVD)
 2749.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 12.00 ft

Serial #: 8322 Inside
 Press@RunDepth: 14.98 psig @ 4046.00 ft (KB) Capacity: psig
 Start Date: 2018.09.04 End Date: 2018.09.04 Last Calib.: 2018.09.04
 Start Time: 09:33:01 End Time: 13:57:17 Time On Btm: 2018.09.04 @ 11:13:47
 Time Off Btm: 2018.09.04 @ 11:56:32

TEST COMMENT: IFP 15 Minutes Blow built to 1/4"
 ISI 20 Minutes No blow back
 FFP 5 Minutes Few bubbles at open - Flush tool - Light surface blow -Pull test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1978.66	113.18	Initial Hydro-static
1	17.39	112.37	Open To Flow (1)
16	14.98	114.13	Shut-In(1)
37	366.20	114.48	End Shut-In(1)
37	17.35	114.40	Open To Flow (2)
42	17.60	114.98	Shut-In(2)
43	1949.55	115.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /light oil spot/ Mud 100%	0.07

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Adam Bloom

36-13S-29W Gove,KS

Beougher 11D-36-1329

Job Ticket: 63457

DST#: 2

Test Start: 2018.09.04 @ 09:33:00

GENERAL INFORMATION:

Formation: **LKC G - H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:14:17

Time Test Ended: 13:57:17

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72

Interval: 4045.00 ft (KB) To 4103.00 ft (KB) (TVD)

Reference Elevations: 2761.00 ft (KB)

Total Depth: 4103.00 ft (KB) (TVD)

2749.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6752 Outside

Press@RunDepth: 375.27 psig @ 4047.00 ft (KB)

Capacity: psig

Start Date: 2018.09.04

End Date:

2018.09.04

Last Calib.:

2018.09.04

Start Time: 09:33:01

End Time:

13:56:02

Time On Btm:

2018.09.04 @ 11:14:02

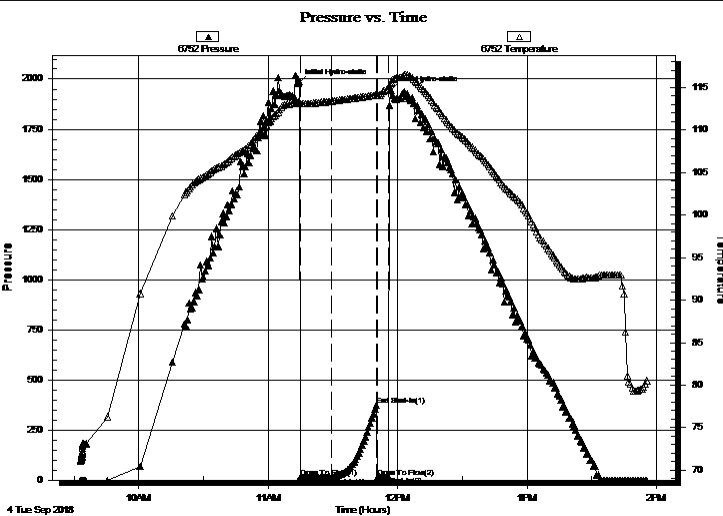
Time Off Btm:

2018.09.04 @ 11:56:47

TEST COMMENT: IFP 15 Minutes Blow built to 1/4"

ISI 20 Minutes No blow back

FFP 5 Minutes Few bubbles at open - Flush tool - Light surface blow -Pull test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1979.77	113.28	Initial Hydro-static
1	15.07	113.06	Open To Flow (1)
16	15.78	113.40	Shut-In(1)
37	375.27	114.08	End Shut-In(1)
37	16.35	114.04	Open To Flow (2)
42	17.71	114.73	Shut-In(2)
43	1941.26	115.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /light oil spot/ Mud 100%	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

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

Job Ticket: 63457

DST#: 2

ATTN: Adam Bloom

Test Start: 2018.09.04 @ 09:33:00

Tool Information

Drill Pipe:	Length: 4039.00 ft	Diameter: 3.80 inches	Volume: 56.66 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 56.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4045.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.46 ft			
Tool Length:	85.46 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4022.00	
Hydraulic tool	5.00			4027.00	
Jars	6.00			4033.00	
Safety Joint	2.00			4035.00	
Top Packer	5.00			4040.00	
Packer	5.00			4045.00	28.00 Bottom Of Top Packer
Recorder	1.00	8322	Inside	4046.00	
Recorder	1.00	6752	Outside	4047.00	
Anchor	19.00			4066.00	
Change Over Sub	1.00			4067.00	
Drill Pipe	31.46			4098.46	
Change Over Sub	1.00			4099.46	
Bullnose	3.00			4102.46	57.46 Anchor Tool

Total Tool Length: 85.46



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

Job Ticket: 63457

DST#: 2

ATTN: Adam Bloom

Test Start: 2018.09.04 @ 09:33:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /light oil spot/ Mud 100%	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

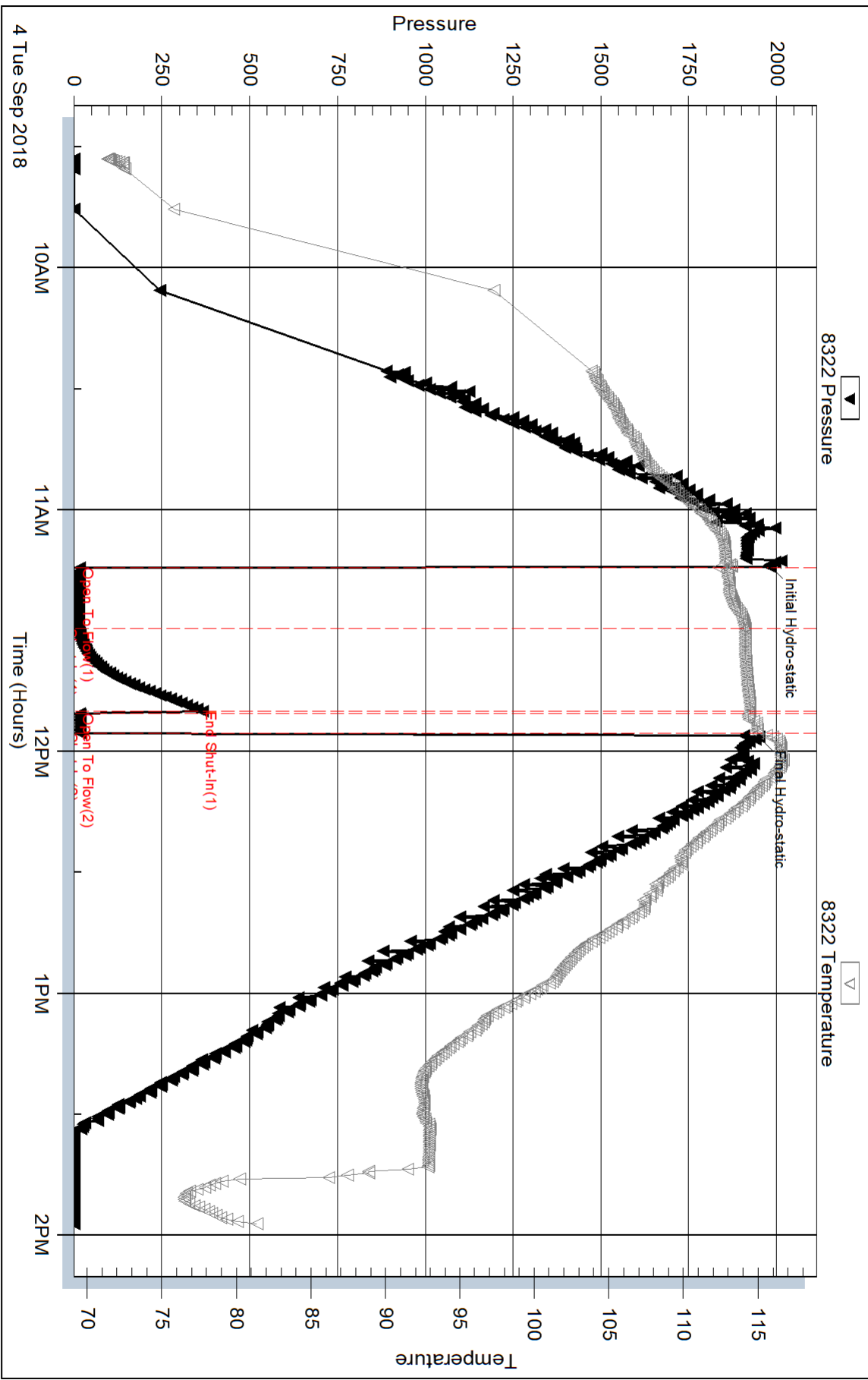
Serial #:

Laboratory Name:

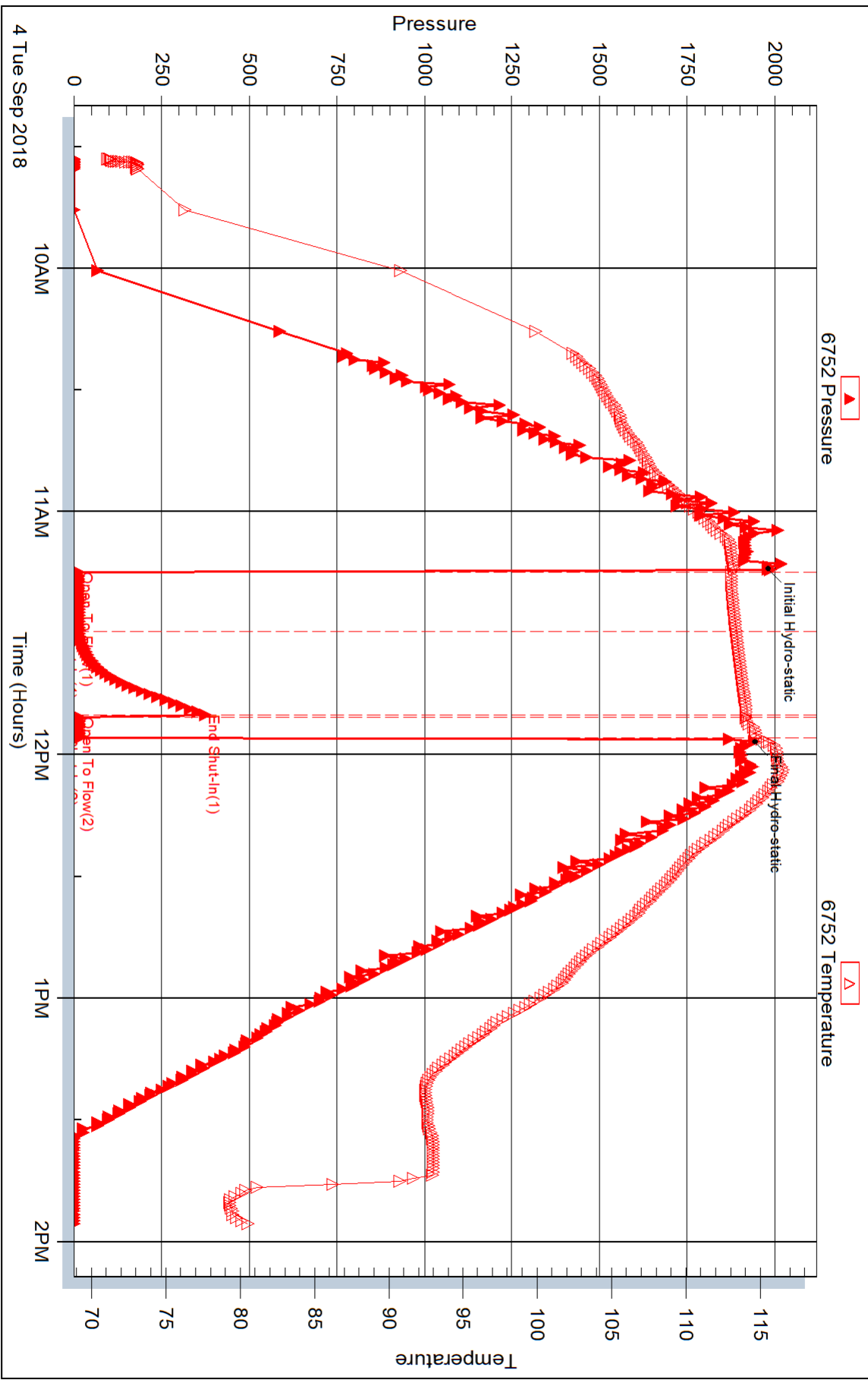
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Adam Bloom

Beougher 11D-36-1329

36-13S-29W Gove,KS

Start Date: 2018.09.06 @ 05:43:00

End Date: 2018.09.06 @ 14:01:02

Job Ticket #: 63458 DST #: 3

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

Printed: 2018.09.10 @ 13:28:12



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

ATTN: Adam Bloom

Job Ticket: 63458

DST#: 3

Test Start: 2018.09.06 @ 05:43:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:02:17

Time Test Ended: 14:01:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72

Interval: 4460.00 ft (KB) To 4503.00 ft (KB) (TVD)

Reference Elevations: 2761.00 ft (KB)

Total Depth: 4503.00 ft (KB) (TVD)

2749.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8322 Inside

Press@RunDepth: 117.20 psig @ 4461.00 ft (KB)

Capacity: psig

Start Date: 2018.09.06 End Date: 2018.09.06

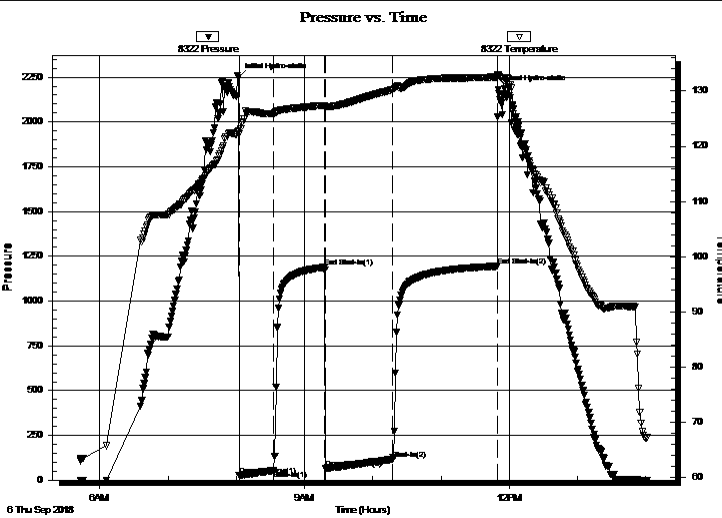
Last Calib.: 2018.09.06

Start Time: 05:43:01 End Time: 14:01:02

Time On Btm: 2018.09.06 @ 08:01:47

Time Off Btm: 2018.09.06 @ 11:50:17

TEST COMMENT: IFP 30 Minutes Blow built to 2" in 15 minutes then died to 1 1/4"
ISI 45 Minutes No blow back
FFP 60 Minutes Blow built to BOB in 30 minutes built to 26 1/4"
FSI 90 Minutes Blow back built an additional 1 3/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.52	122.77	Initial Hydro-static
1	26.45	122.24	Open To Flow (1)
31	54.73	125.94	Shut-In(1)
76	1188.48	127.37	End Shut-In(1)
77	65.19	127.18	Open To Flow (2)
136	117.20	130.28	Shut-In(2)
228	1194.95	132.54	End Shut-In(2)
229	2180.00	132.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	EmulsOM Emuls Oil 40% Mud 60%	0.87
93.00	HOCM Oil 40% Mud 60%	1.30
124.00	GO Gas 20% Oil 80%	1.74
0.00	217' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

ATTN: Adam Bloom

Job Ticket: 63458

DST#: 3

Test Start: 2018.09.06 @ 05:43:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:02:17

Time Test Ended: 14:01:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72

Interval: 4460.00 ft (KB) To 4503.00 ft (KB) (TVD)

Reference Elevations: 2761.00 ft (KB)

Total Depth: 4503.00 ft (KB) (TVD)

2749.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6752 Outside

Press@RunDepth: 1196.94 psig @ 4462.00 ft (KB)

Capacity: psig

Start Date: 2018.09.06

End Date: 2018.09.06

Last Calib.: 2018.09.06

Start Time: 05:43:01

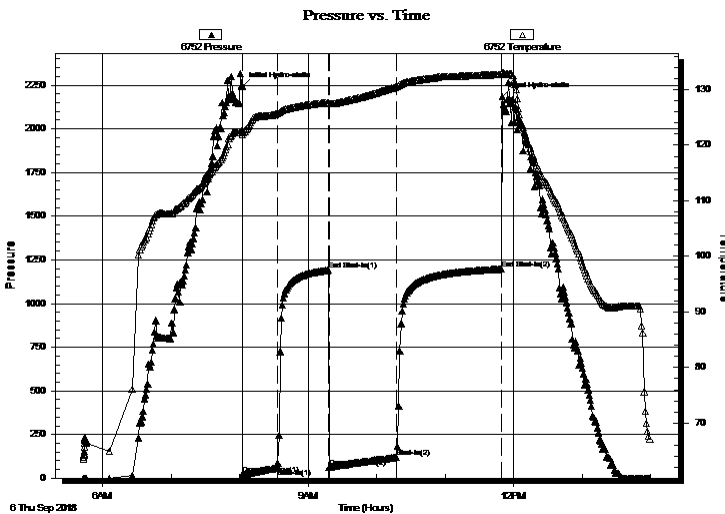
End Time: 14:00:02

Time On Btm: 2018.09.06 @ 08:01:47

Time Off Btm: 2018.09.06 @ 11:50:17

TEST COMMENT: IFP 30 Minutes Blow built to 2" in 15 minutes then died to 1 1/4"
ISI 45 Minutes No blow back
FFP 60 Minutes Blow built to BOB in 30 minutes built to 26 1/4"
FSI 90 Minutes Blow back built an additional 1 3/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2244.28	122.62	Initial Hydro-static
1	20.77	121.88	Open To Flow (1)
31	58.94	125.64	Shut-In(1)
76	1190.57	127.65	End Shut-In(1)
77	61.20	127.43	Open To Flow (2)
136	119.62	130.50	Shut-In(2)
228	1196.94	132.77	End Shut-In(2)
229	2186.57	133.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	EmulsOM Emuls Oil 40% Mud 60%	0.87
93.00	HOCM Oil 40% Mud 60%	1.30
124.00	GO Gas 20% Oil 80%	1.74
0.00	217' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

Job Ticket: 63458

DST#: 3

ATTN: Adam Bloom

Test Start: 2018.09.06 @ 05:43:00

Tool Information

Drill Pipe:	Length: 4452.00 ft	Diameter: 3.80 inches	Volume: 62.45 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 62.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4460.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4443.00	
Hydraulic tool	5.00			4448.00	
Safety Joint	2.00			4450.00	
Top Packer	5.00			4455.00	
Packer	5.00			4460.00	22.00 Bottom Of Top Packer
Recorder	1.00	8322	Inside	4461.00	
Recorder	1.00	6752	Outside	4462.00	
Anchor	38.00			4500.00	
Bullnose	3.00			4503.00	43.00 Anchor Tool
Total Tool Length:	65.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

Job Ticket: 63458

DST#: 3

ATTN: Adam Bloom

Test Start: 2018.09.06 @ 05:43:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	EmulsOM Emuls Oil 40% Mud 60%	0.870
93.00	HOCM Oil 40% Mud 60%	1.305
124.00	GO Gas 20% Oil 80%	1.739
0.00	217' GIP	0.000

Total Length: 279.00 ft

Total Volume: 3.914 bbl

Num Fluid Samples: 0

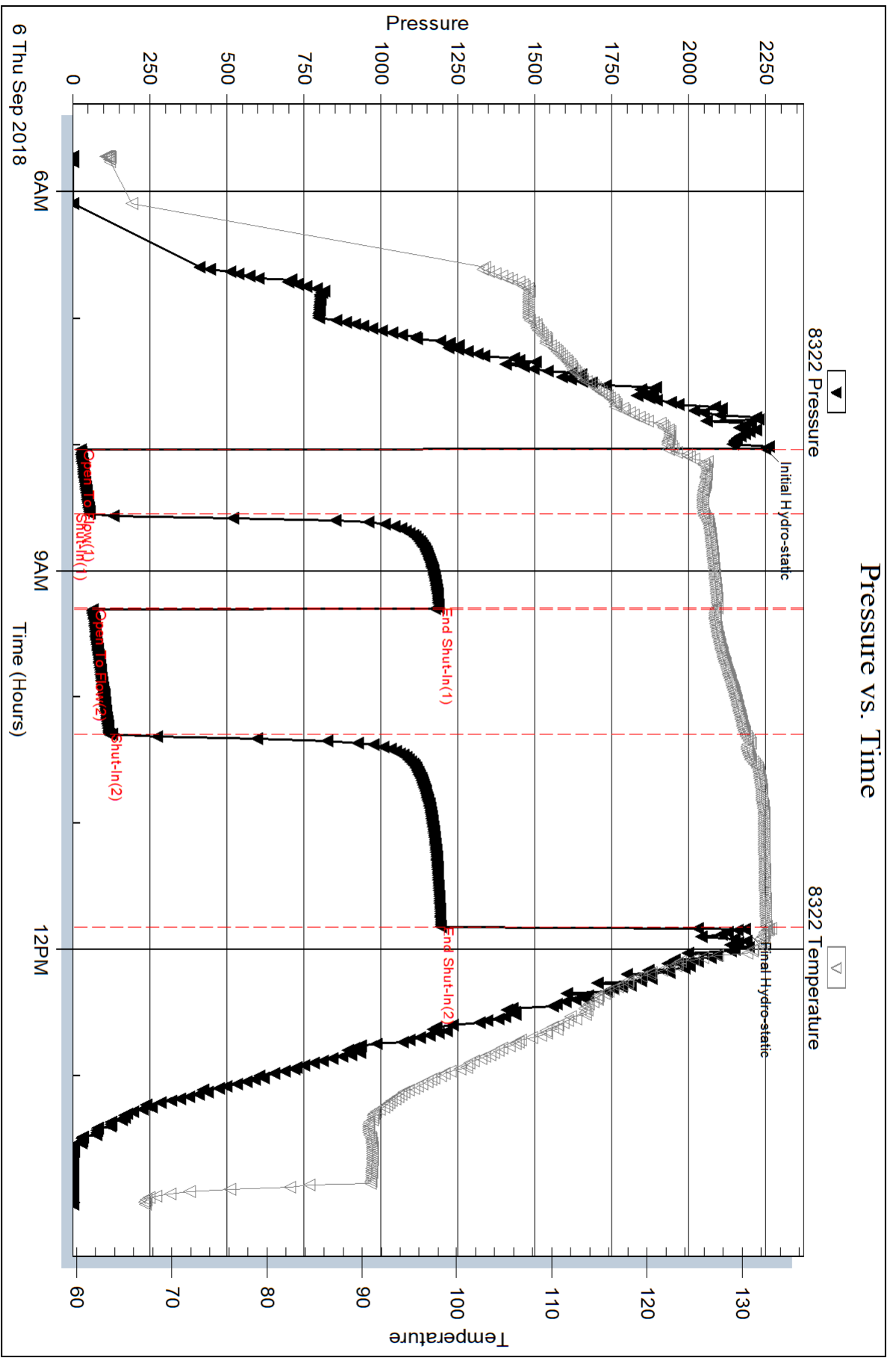
Num Gas Bombs: 0

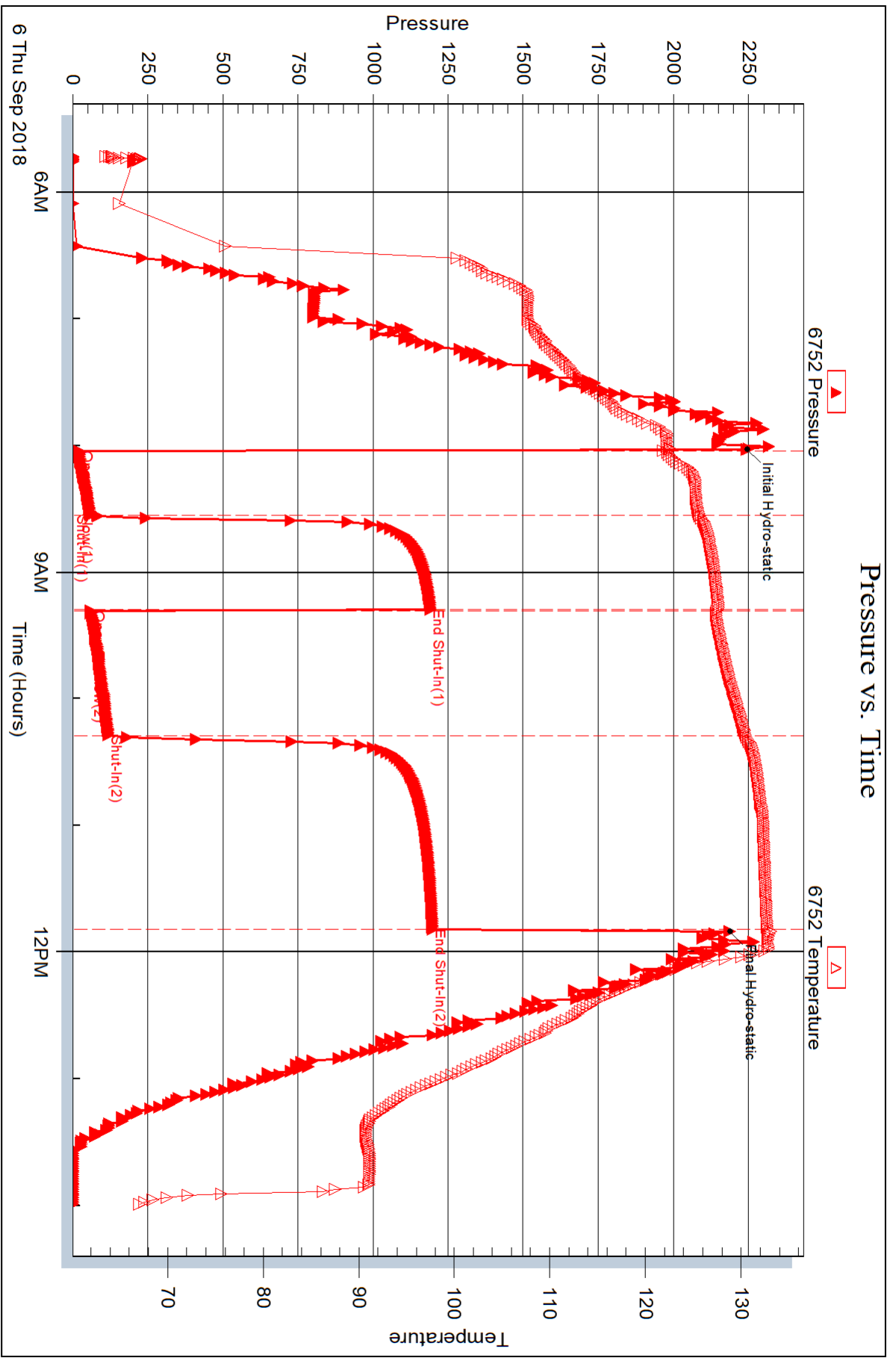
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources LLC**

6727 W Prentice Ave
Lakewood CO 80123

ATTN: Adam Bloom

Beougher 11D-36-1329

36-13S-29W Gove,KS

Start Date: 2018.09.06 @ 20:44:00

End Date: 2018.09.07 @ 04:14:02

Job Ticket #: 63459 DST #: 4

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

Printed: 2018.09.10 @ 13:27:37



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources LLC
6727 W Prentice Ave
Lakewood CO 80123
ATTN: Adam Bloom

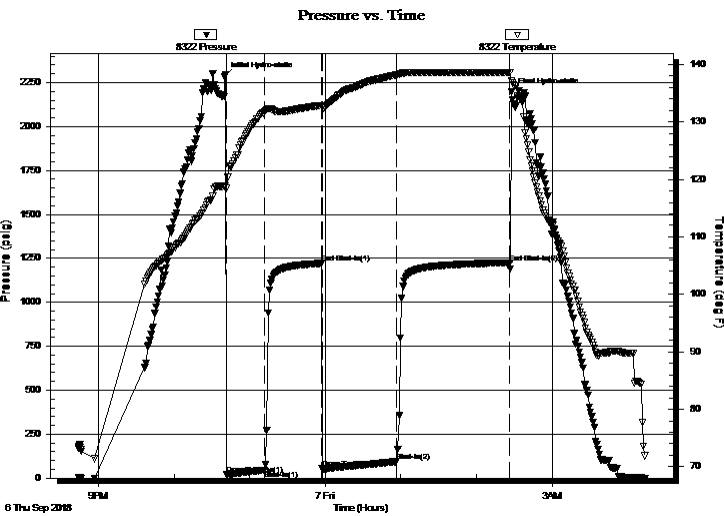
36-13S-29W Gove,KS
Beougher 11D-36-1329
Job Ticket: 63459 **DST#: 4**
Test Start: 2018.09.06 @ 20:44:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:41:32
Time Test Ended: 04:14:02
Interval: **4503.00 ft (KB) To 4513.00 ft (KB) (TVD)**
Total Depth: 4513.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72
Reference Elevations: 2761.00 ft (KB)
2749.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8322 Inside
Press@RunDepth: 94.45 psig @ 4504.00 ft (KB) Capacity: psig
Start Date: 2018.09.06 End Date: 2018.09.07 Last Calib.: 2018.09.07
Start Time: 20:44:01 End Time: 04:14:02 Time On Btm: 2018.09.06 @ 22:39:47
Time Off Btm: 2018.09.07 @ 02:27:32

TEST COMMENT: IFP 30 Minutes Blow built to 7 1/4"
ISI 45 Minutes No blow back
FFP 60 Minutes Blow built to 10"
FSI 90 Minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.82	118.75	Initial Hydro-static
2	23.07	118.45	Open To Flow (1)
32	46.02	131.77	Shut-In(1)
77	1221.37	132.87	End Shut-In(1)
78	52.97	132.78	Open To Flow (2)
137	94.45	138.18	Shut-In(2)
227	1225.04	138.59	End Shut-In(2)
228	2195.28	137.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MW w / skim of oil Mud 10% Water 90%	2.10
30.00	Clean Oil 100%	0.42

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources LLC
 6727 W Prentice Ave
 Lakewood CO 80123
 ATTN: Adam Bloom

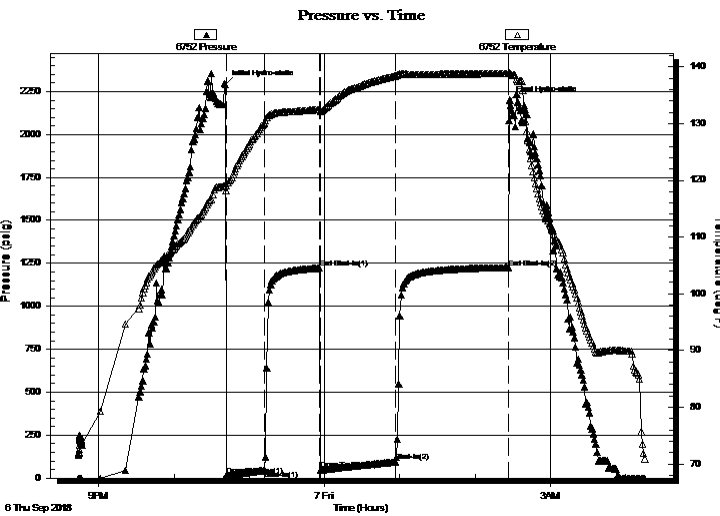
36-13S-29W Gove, KS
Beougher 11D-36-1329
 Job Ticket: 63459 **DST#: 4**
 Test Start: 2018.09.06 @ 20:44:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:41:32
 Time Test Ended: 04:14:02
 Interval: **4503.00 ft (KB) To 4513.00 ft (KB) (TVD)**
 Total Depth: 4513.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 72
 Reference Elevations: 2761.00 ft (KB)
 2749.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6752 Outside
 Press@RunDepth: 1225.76 psig @ 4505.00 ft (KB) Capacity: psig
 Start Date: 2018.09.06 End Date: 2018.09.07 Last Calib.: 2018.09.07
 Start Time: 20:44:01 End Time: 04:15:02 Time On Btm: 2018.09.06 @ 22:41:02
 Time Off Btm: 2018.09.07 @ 02:27:32

TEST COMMENT: IFP 30 Minutes Blow built to 7 1/4"
 ISI 45 Minutes No blow back
 FFP 60 Minutes Blow built to 10"
 FSI 90 Minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.40	119.11	Initial Hydro-static
1	15.96	118.14	Open To Flow (1)
31	44.84	130.05	Shut-In(1)
76	1222.05	132.47	End Shut-In(1)
76	48.84	132.12	Open To Flow (2)
136	95.43	138.44	Shut-In(2)
226	1225.76	138.85	End Shut-In(2)
227	2199.57	138.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MW w / skim of oil Mud 10% Water 90%	2.10
30.00	Clean Oil 100%	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

Job Ticket: 63459

DST#: 4

ATTN: Adam Bloom

Test Start: 2018.09.06 @ 20:44:00

Tool Information

Drill Pipe:	Length: 4483.00 ft	Diameter: 3.80 inches	Volume: 62.88 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 62.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4503.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	32.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4486.00	
Hydraulic tool	5.00			4491.00	
Safety Joint	2.00			4493.00	
Top Packer	5.00			4498.00	
Packer	5.00			4503.00	22.00 Bottom Of Top Packer
Recorder	1.00	8322	Inside	4504.00	
Recorder	1.00	6752	Outside	4505.00	
Anchor	5.00			4510.00	
Bullnose	3.00			4513.00	10.00 Anchor Tool
Total Tool Length:	32.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources LLC

36-13S-29W Gove,KS

6727 W Prentice Ave
Lakewood CO 80123

Beougher 11D-36-1329

Job Ticket: 63459

DST#: 4

ATTN: Adam Bloom

Test Start: 2018.09.06 @ 20:44:00

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:

18000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
150.00	MW w / skim of oil Mud 10% Water 90%	2.104
30.00	Clean Oil 100%	0.421

Total Length: 180.00 ft Total Volume: 2.525 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

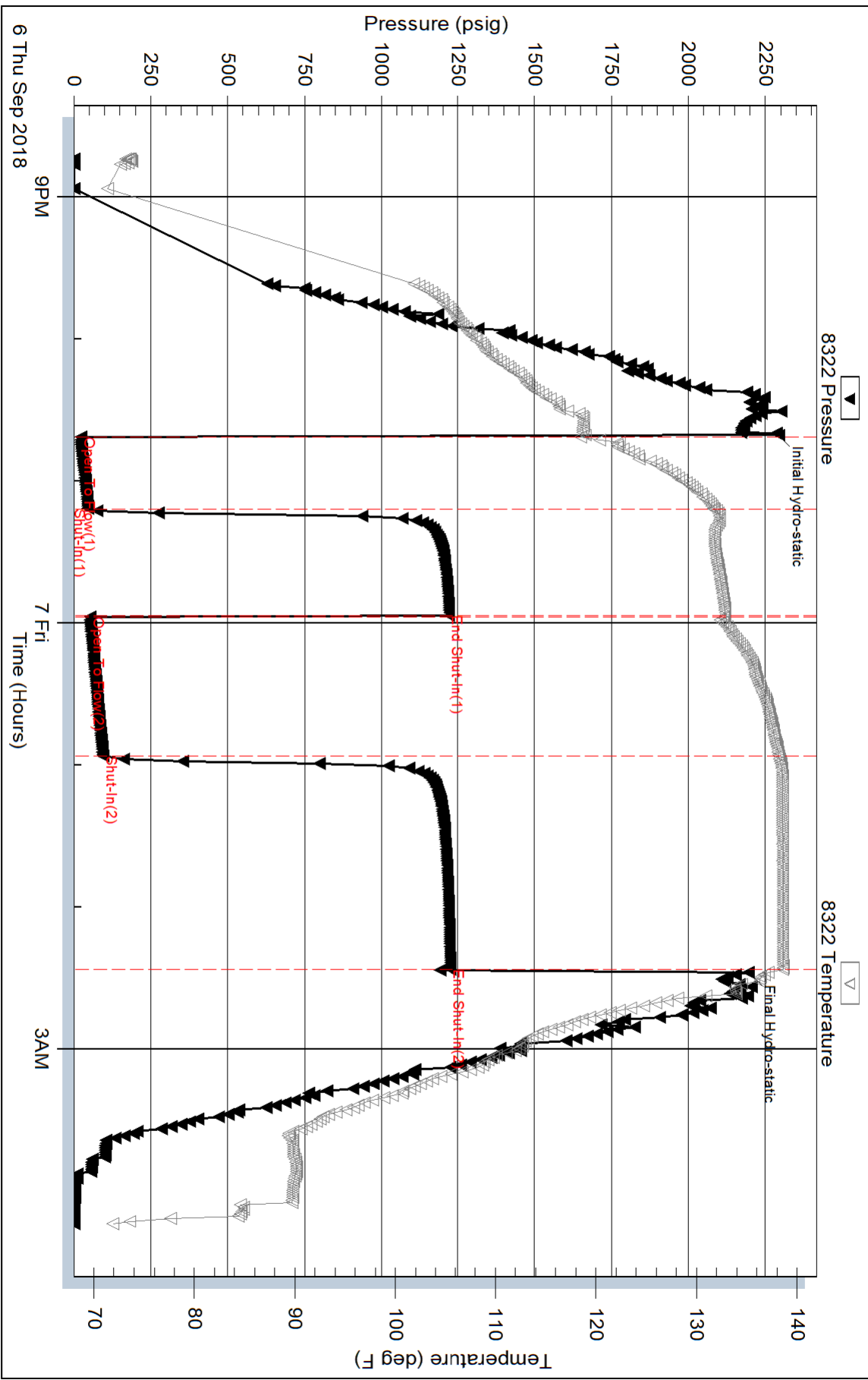
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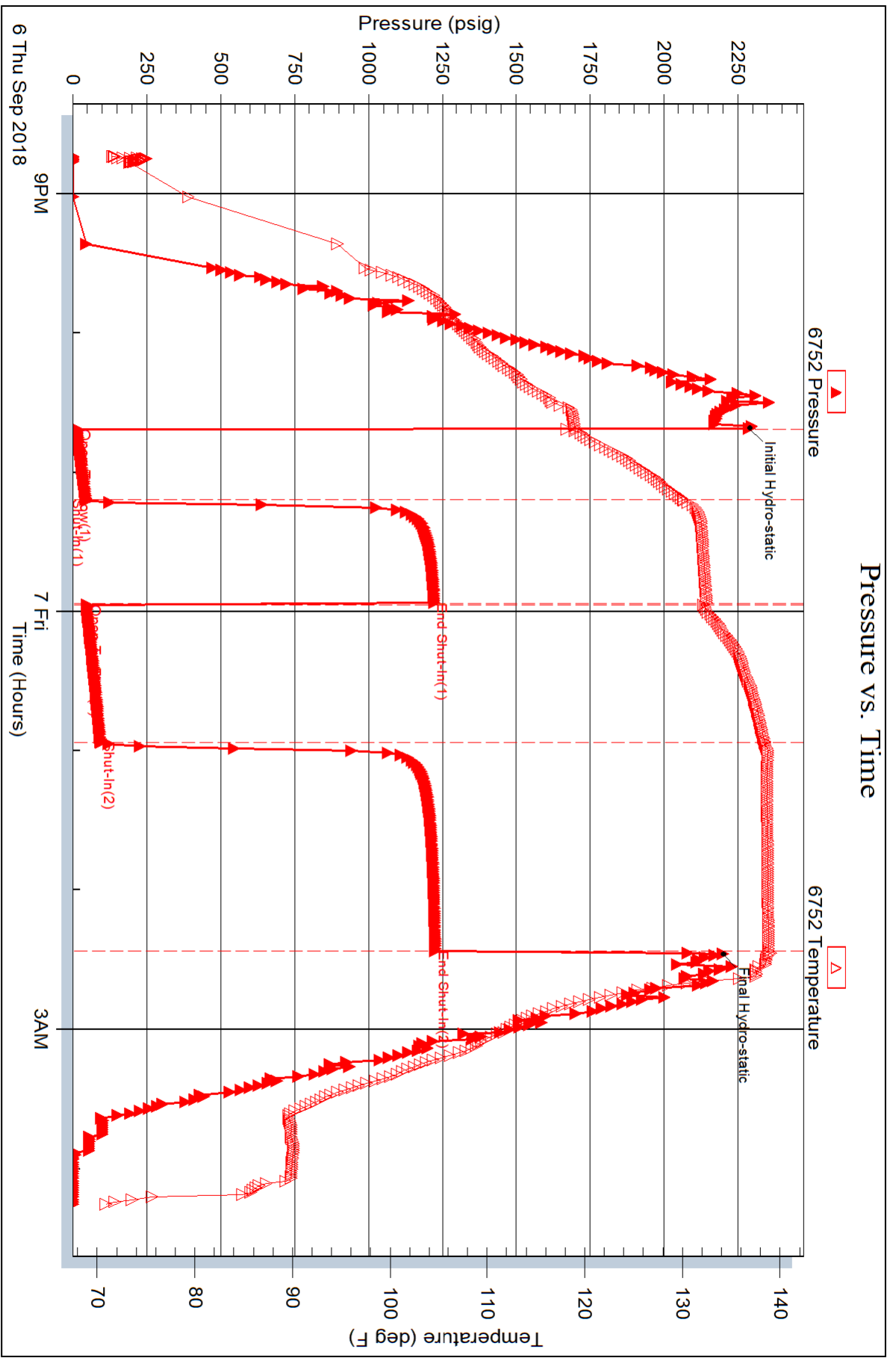
Laboratory Name:

Laboratory Location:

Recovery Comments: Recovery Resistivity .358 ohms @ 68 deg.

Pressure vs. Time







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63456

Well Name & No. Beougher Test No. 1 Date 3 Sep 18
 Company US Oil Resources LLC Elevation 2761 KB 2749 GL
 Address 6727 W Prentice Ave Lakewood CO 80123
 Co. Rep / Geo. Adam Bloom Rig Duke Rig 2
 Location: Sec. 36 Twp 135 Rge. 29W Co. Cove State KS

Interval Tested 3954-3988 Zone Tested Lansing/Kansas City zone D
 Anchor Length 34 Drill Pipe Run 3950 Mud Wt. 8.7
 Top Packer Depth 3949 Drill Collars Run - Vis 56
 Bottom Packer Depth 3954 Wt. Pipe Run - WL 6.4
 Total Depth 3988 Chlorides 1500 ppm System LCM 3#

Blow Description I.F. Blow built to 2 3/4 inches
I.S.I. No blow back
F.F. Blow built to 3/4 inch
F.S.I. No blow back

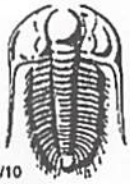
Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>Muddy water w/skin oil in pipe and tool</u>		<u>80</u>	<u>20</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 50 BHT 124 Gravity _____ API RW .325 @ 79 °F Chlorides 18000 ppm

(A) Initial Hydrostatic 1852 Test 1050 T-On Location 7:45 am
 (B) First Initial Flow 18 Jars _____ T-Started 9:20 am
 (C) First Final Flow 24 Safety Joint 75 T-Open 11:17 am
 (D) Initial Shut-In 804 Circ Sub _____ T-Pulled 2:17 pm
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 4:20 pm
 (F) Second Final Flow 37 Mileage 100 100 Comments _____
 (G) Final Shut-In 781 Sampler _____
 (H) Final Hydrostatic 1814 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 45 Extra Recorder _____
 Final Shut-In 60 Day Standby _____
 Accessibility _____
 Sub Total 1225 Sub Total 1225 MP/DST Disc't _____

Approved By Adam J. Bl 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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63457**

Well Name & No. Beougher Test No. 2 Date 4 Sept 18
 Company US Oil Resources Inc Elevation 2761 KB 2749 GL
 Address 6727 W Prentice Ave Lakewood Co 80123
 Co. Rep / Geo. Adam Bloom Rig Duke Rig 2
 Location: Sec. 36 Twp 13S Rge. 29W Co. Gove State KS

Interval Tested 4045-4103 Zone Tested Lansing/Kansas City zones GAH
 Anchor Length 58 ~~4048~~ Drill Pipe Run 4039 Mud Wt. 9.0
 Top Packer Depth 4040 Drill Collars Run — Vis 5H
 Bottom Packer Depth 4045 Wt. Pipe Run — WL 6.4
 Total Depth 4103 Chlorides 2800 ppm System LCM 2#

Blow Description I.F. Blow built to 1/4 inch
I.S.I. No blow back
F.F. Few bubbles at open / Flush tool / Light surface blow / Pull test

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/ light 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 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1978 Test 1150 T-On Location 6:57 am
 (B) First Initial Flow 17 Jars _____ T-Started 9:33 am
 (C) First Final Flow 14 Safety Joint 75 T-Open 11:14 am
 (D) Initial Shut-In 366 Circ Sub _____ T-Pulled 11:56
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 1:59 pm
 (F) Second Final Flow 17 Mileage 100 100 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 1949 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 20 Day Standby _____ Total 1225
 Final Flow 5 Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____ Sub Total 1225

Approved By _____ Our Representative [Signature]

Tribolite 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. **63458**

Well Name & No. Beougher Test No. 3 Date 6 Sept 18
 Company US Oil Resources Inc. Elevation 2761 KB 2749 GL
 Address 6727 W Prentice Ave Lakewood CO 80123
 Co. Rep / Geo. Adam Bloom Rig Duke Rig 2
 Location: Sec. 36 Twp 13S Rge. 29W Co. Gove State KS

Interval Tested 4460-4503 Zone Tested Mississippi
 Anchor Length 43 Drill Pipe Run 4452 Mud Wt. 9.1
 Top Packer Depth 4455 Drill Collars Run — Vis 56
 Bottom Packer Depth 4460 Wt. Pipe Run — WL 8.0
 Total Depth 4503 Chlorides 3000 ppm System LCM 1#

Blow Description F.F. Blow built to 2" in 15 minutes died to 1 1/4"
I.S.I. No blow back
F.F. Blow built to BOB in 30 minutes total build 26 1/4 inch
F.S.I. Blow back built an additional 1 3/4 inch

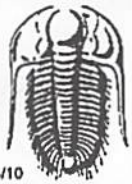
Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>Emulsified Oily mud</u>	<u>40</u>	<u>40</u>	<u>60</u>	<u>60</u>
<u>93</u>	<u>Oily mud</u>	<u>40</u>	<u>40</u>	<u>60</u>	<u>60</u>
<u>124</u>	<u>Gassy O.I.</u>	<u>20</u>	<u>80</u>	<u>—</u>	<u>—</u>
<u>217</u>	<u>GIP</u>	<u>100</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Rec Total 279 BHT 132 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2246 Test 1150 T-On Location 4:04 am
 (B) First Initial Flow 26 Jars — T-Started 5:43 am
 (C) First Final Flow 54 Safety Joint 75 T-Open 8:01 am
 (D) Initial Shut-In 1188 Circ Sub — T-Pulled 11:45 am
 (E) Second Initial Flow 65 Hourly Standby — T-Out 2:02 pm
 (F) Second Final Flow 117 Mileage 100 100 Comments —
 (G) Final Shut-In 1194 Sampler —
 (H) Final Hydrostatic 2180 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Initial Open 30 Extra Recorder — Sub Total 0
 Initial Shut-In 45 Day Standby — Total 1325
 Final Flow 60 Accessibility — MP/DST Disc't —
 Final Shut-In 90 Sub Total 1325

Approved By — Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63459

Well Name & No. Beougher Test No. 4 Date 6 Sept 18
 Company US O. I Resources Inc. Elevation 2761 KB 2749 GL
 Address 6727 W Prentice Ave Lakewood CO 80123
 Co. Rep / Geo. Adam Blum Rig Duke Rig 2
 Location: Sec. 36 Twp 13S Rge. 29W Co. Gove State KS

Interval Tested 4503-4513 Zone Tested Mississippi
 Anchor Length 10 Drill Pipe Run 4483 Mud Wt. 9.1
 Top Packer Depth 4498 Drill Collars Run - Vis 56
 Bottom Packer Depth 4503 Wt. Pipe Run - WL 8.0
 Total Depth 4513 Chlorides 3000 ppm System LCM 1 #

Blow Description I.F. Blow built to 7 1/4 inches
I.S.I. No blow back
F.F. Blow built to 10 inches
F.S.I. No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>Muddy Water w/skin oil</u>			<u>90</u>	<u>10</u>
<u>30</u>	<u>Clean Oil</u>		<u>100</u>		

Rec Total 180 BHT 138 Gravity _____ API RW _____ @ _____ °F Chlorides 18000 ppm

(A) Initial Hydrostatic 2285 Test 1150 T-On Location _____
 (B) First Initial Flow 23 Jars _____ T-Started 8:44 pm
 (C) First Final Flow 46 Safety Joint 75 T-Open 11:40 pm
 (D) Initial Shut-In 1221 Circ Sub _____ T-Pulled 2:25 am
 (E) Second Initial Flow 52 Hourly Standby _____ T-Out 4:14 am
 (F) Second Final Flow 94 Mileage 100 100 Comments _____
 (G) Final Shut-In 1225 Sampler _____
 (H) Final Hydrostatic 2195 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1325
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1325

Approved By _____ Our Representative [Signature]
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Musgrove

PETROLEUM CORPORATION
Clafin, Kansas

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY US Oil Resources, LLC.

LEASE Beougher 11D-36-1329

FIELD Wildcat

LOCATION SE-NE-SW (1825' FSL& 2167' FEL)

SEC 36 TWSP 13S RGE 29W

COUNTY Gove STATE Kansas

ELEVATIONS

KB 2761'

DF _____

GL 2753'

Measurements Are All From KB

CONTRACTOR Duke Drilling, Inc. (Rig # 2)

SPUD 08/28/2018 COMP 09/08/2018

RTD 4650' LTD 4648'

MUD UP 3400' TYPE MUD Chemical

CASING

SURFACE 8 5/8"@264'

PRODUCTION 5 1/2"@4649'

ELECTRICAL SURVEYS

Weatherford; Array Induction,
Dual Neutron & Photo Density,
Micro Log, Sonic & Caliper

SAMPLES SAVED FROM _____ 3500' TO _____ RTD

DRILLING TIME KEPT FROM _____ 3500' TO _____ RTD

SAMPLES EXAMINED FROM _____ 3500' TO _____ RTD

GEOLOGICAL SUPERVISION FROM 3650' TO _____ RTD

GEOLOGIST ON WELL Wyatt Urban (3600-3988) & Jim Musgrove (3954-3988)

FORMATION TOPS	LOG	SAMPLES
Anhydrite	2216 (+545)	RTD 4650 (-1889)
B. Anhydrite	2253 (+508)	LTD 4648 (-1887)
Heebner	3853 (-1092)	
Toronto	3870 (-1109)	
Lansing	3889 (-1128)	
BKC	4206 (-1445)	
Marmaton	4240 (-1479)	

		36	
		X	

Pawnee	4297	(-1536)			
Cherokee Sh.	4408	(-1647)			
Miss.	4495	(-1734)			

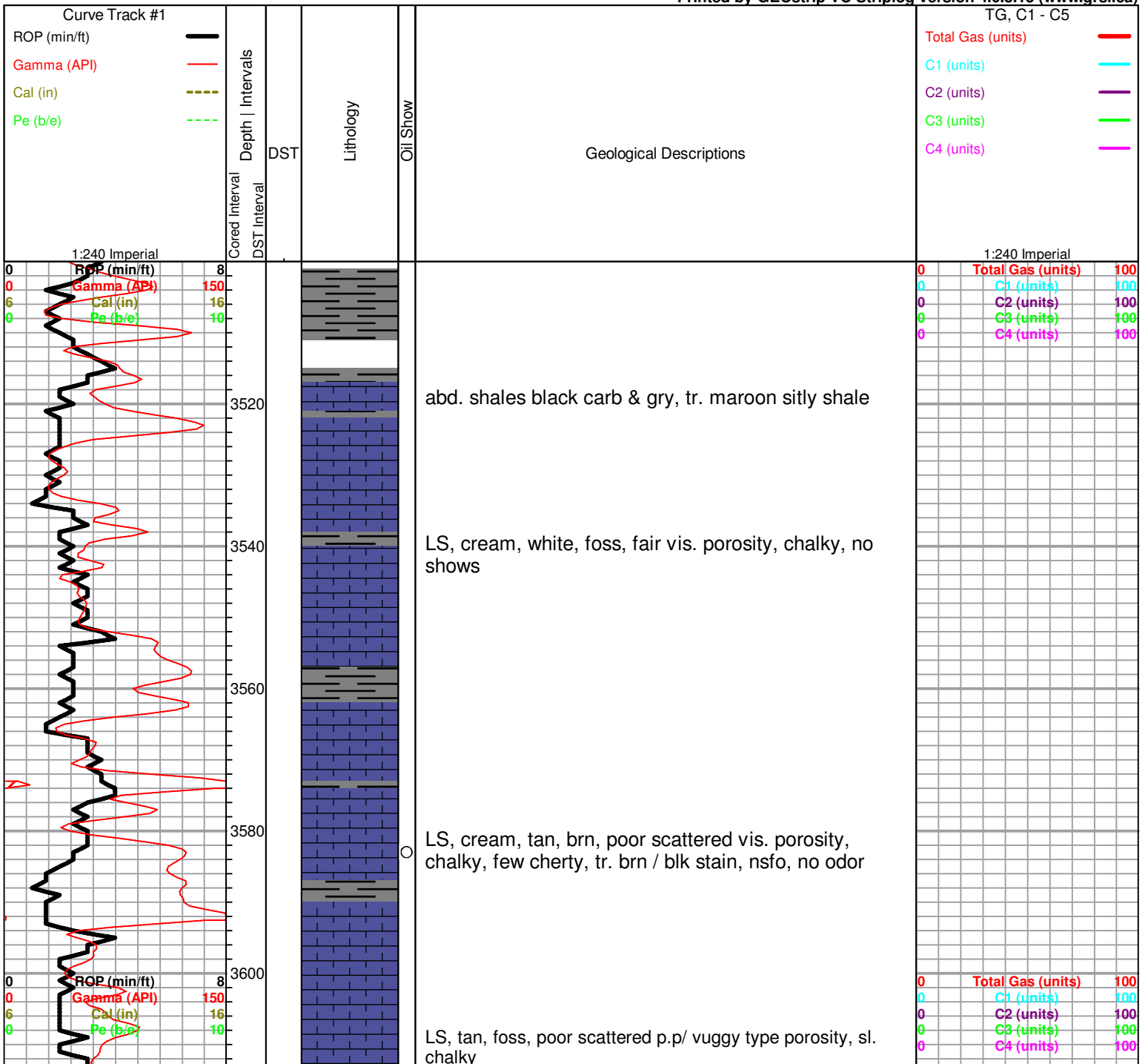
ROCK TYPES

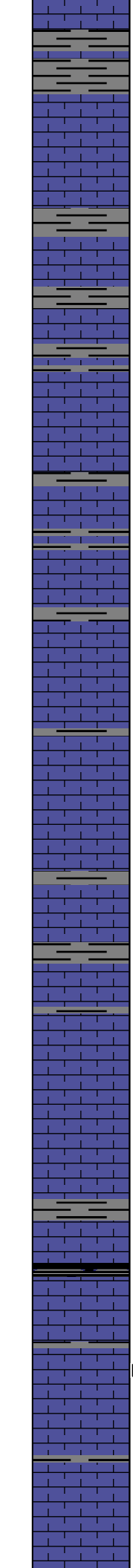
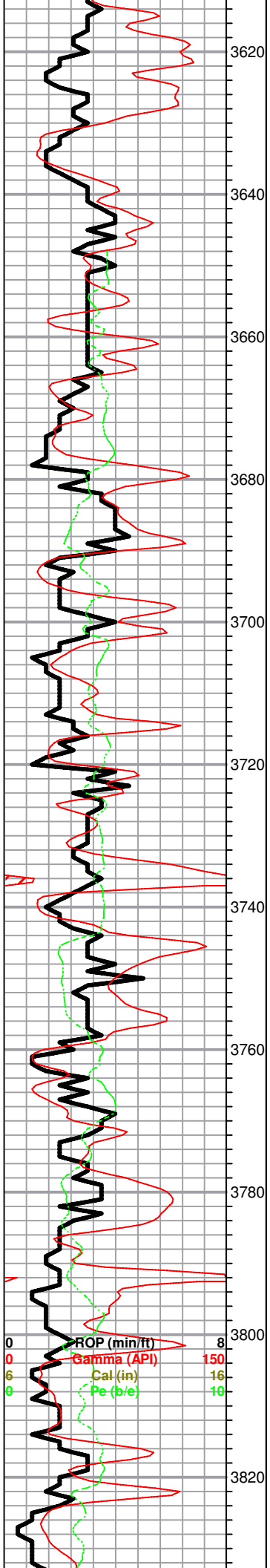
	Cht vari		Dolprim		shale, grn		Carbon Sh		Ss
	Chtcongl		Lmst fw<7		shale, gry		shale, red		

OTHER SYMBOLS

Oil Show	DST
● Good Show	■ DST Int
● Fair Show	■ DST alt
● Poor Show	■ Core
○ Spotted or Trace	■ tail pipe
○ Questionable Strn	
D Dead Oil Strn	
■ Fluorescence	
* Gas	

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Sh, gry, silty, soft

LS, tan, cream, foss, poor vis. porosity, sl. chalky, no shows

LS, tan, cream, fxl, foss, chalky, nsfo, no odor

Tr. amber & opaque cherts, tr. LS, tan, brn fxl, dense

LS, finely ool, / gran, good vis. porosity, sl. chalky, no shows

LS, tan, cream, dense, poor scattered porosity, no shows

LS, tan, brn, gry, dense, poor vis. porosity, chalky, tr. lt. brn stain ,nsfo

LS, tan, foss, good scattered vis. porosity, chalky no shows

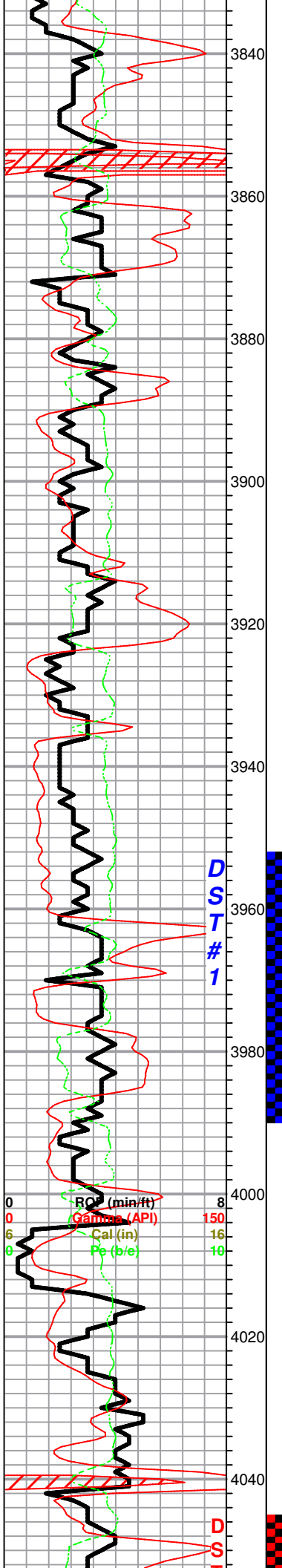
tr. black carb shale

LS, cream, tan, foss, good vis. porosity, chalky, tr. blk flky stain, nsfo, no odor

LS, tan, brn dense, scattered vuggy type porosity, sl. chalky, no shows

ROP (min/ft) 8
 Gamma (API) 150
 Cal (in) 16
 Pe (b/e) 10

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



Slug gry, dk grysh.

Heebner 3853.0 (-1092.0)

Sh, black carb

LS, tan, fxl, dense, poor vis. porosity, no shows

Toronto 3870.0 (-1109.0)

LS, tan, brn, foss, fair vis. porosity, sl. chalky no show

Sh, gry, silty

Lansing 3887.0 (-1126.0)

LS, cream, white/ gry, foss, fair scattered p.p. type porosity, tr. tan, white cherts

○ LS, cream, gry, foss, fair scattered p.p. chalky, tr. blk stain, (v. weak), nsfo, no odor

Sh, gry, green

○ LS, white, foss, ool, fair vis. porosity, sl. chalky, tr. blk stain, nsfo, no odor

LS, tan, fxl, ool, fair scattered vuggy type porosity, no shows, no odor

LS, tan, fxl, foss, poor vis. porosity, no shows

Sh, gry, silty

○ LS, white, cream, foss, chalky, scattered p.p. porosity, tr. blk stain, tr. spty sfo, no odor

○ LS, tan, buff, foss, scattered p.p. type porosity, sl. chalky, tr. brn stain, spty sfo, faint odor in broken samples, tr. vis. gas bubbles

Chert, white, trans chert

LS, cream, white oom, fair - good oom porosity (barren)

LS, white, cream, fx-med xln, slightly chalky, --> cherty, no shows

Muncie Creek 4042.0 (-1281.0)

Sh, black carb

● LS, white, tan, fxl, slightly foss, poor vis. porosity. tr. brown stain, sfo, ??? odor

DST#1 3954-3988

30-45-45-60

1st Open:
built to 2.75"

2nd Open:
building blow .75"

Recovery:
50' MW w/ skim of oil on tool

Pressures:
ISIP 804 psi
FSIP 781 psi
IFP 18-24 psi
FFP 29-37 psi
HSH 1852-1814 psi

WYATT URBAN

3500-3988

JIM MUSGROVE

3988-RTD

0 C4 (units)

100
100
100
100

DST#2 4045-4103

15-20-5

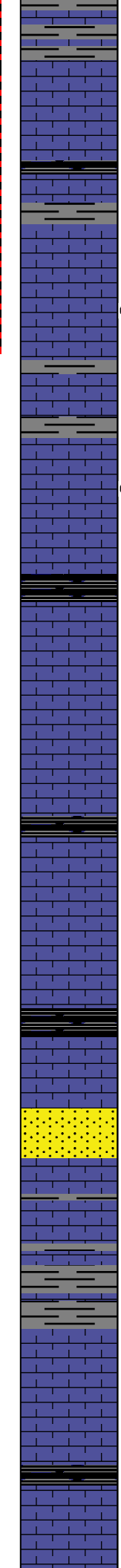
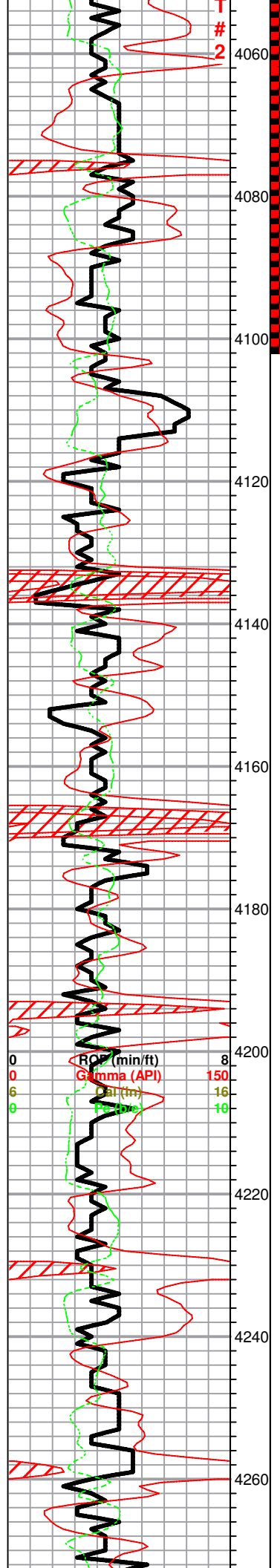
1st Open:
weak .25"

2nd Open:
Few bubbles at open, flush

tool, pulled test

Recovery:
5' mud with lt. oil spots

Pressures:
ISIP 366 psi
FSIP
IFP 17-14 psi
FFP 17-17 psi
HSH 1978-1949 psi



Tr. black carb

LS, white/ gry, chalky, few foss, dense

LS, white, fxl, ool, chalky, scattered p.p. type porosity, blk - brn stain, wk sfo, ft. odor inbroken sampels

LS, white, cream, slightly foss, chlky, tr. blk stain, no show of free oil, no odor

Stark Shale 4133.0 (-1372.0)

Sh, black carb

LS, white, cream, ool, chalk, poor vis porosity, no shows,

Hushpuckney 4166.0 (-1405.0)

Sh. black carb

LS, white, gry, f-med xln, crumbly, chalky, poor vis. porosity, no shows, ??? odor + white/ gry chert

Tr. blk carb. sh

Base Kansas City 4212.0 (-1451.0)

Sd. white cream, vfg. cal. + gry white chert. + gry white soft sh.

LS, tan, white, few foss, chalky/ cherty in pt, no shows,

Sh, maroon, green, purp.

Marmaton 4255.0 (-1494.0)

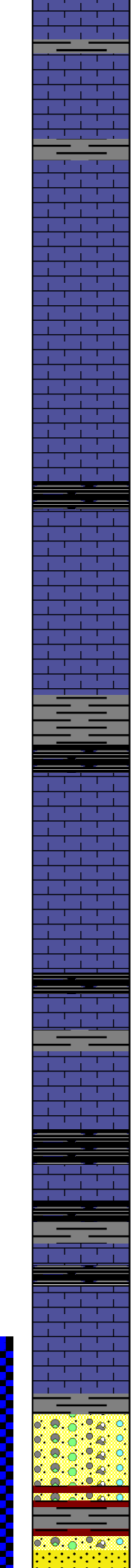
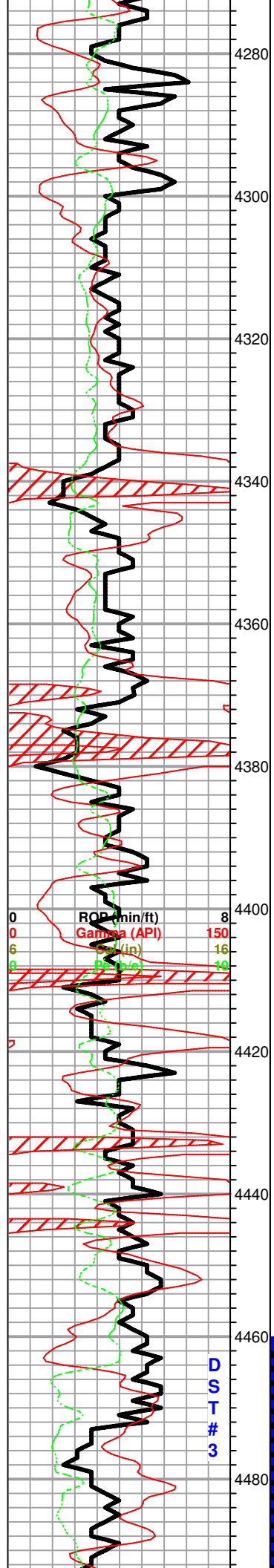
Sh., black gry,

LS, white, gxl, slightly chalky, tr. spty brn stain, nsfo, no odor

+18'

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

0	RQ (min/ft)	8
0	Gamma (API)	150
6	GRI (in)	16
9		10



LS, white, gry, foss in pt, chalky, blk stain, nsfo, no odor

LS, white, tan, fxl, chalky, + tr. gry/ amber chert

Pawnee 4298.0 (-1537.0)

LS, gry/ tan , fxl, fran. poor vis. porosity,

LS, a/a, + gry, to mar sh.
LS, tan, foss, cherty (dense)

Blk carb sh.

Myrick Station 4344.0 (-1588.0)

LS, tan, ool, scattered porosity, sl. chalky ,few cherty, ??? stain, nsfo, no odor

LS, tan, a/a, no shows

Sh, black carb

Fort Scott 4382.0 (-1621.0)

LS, tan, ool/ foss, poorly developed porosity,

LS, white-tan, slightly foss, few chalky, scattered p.p. - finely vugy porosity, golden brn stain, sfo, few vis. gas bubbles, ft. odor

Cherokee Shale 4411.0 (-1650.0)

Sh, black carb

LS, gry white, chalky

Sh, black carb

LS white, gry, chalky --- > cherty (dense)

LS, white, gry, chalky, + cream / tan, cherty, dense LS, Tr. sd. white, ,highly cal. no shows

Conglomerate 4473.0 (-1712.0)

Chert, gry, yellow, white, boney transc.
Sd. v.c. , vfg_ med grained,(shaley) cal, friable in pt, no shows + pyrite

Sd. white/ opaque/ clr, qtz, sub rounded, friable in pts no shows

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

DST#3 4460-4503
30-45-60-90

1st Open:
Weak built to 2"

2nd Open:
Fair BOB 30 mins

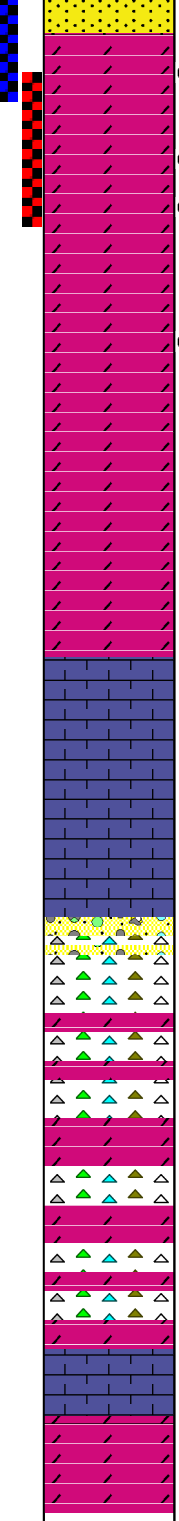
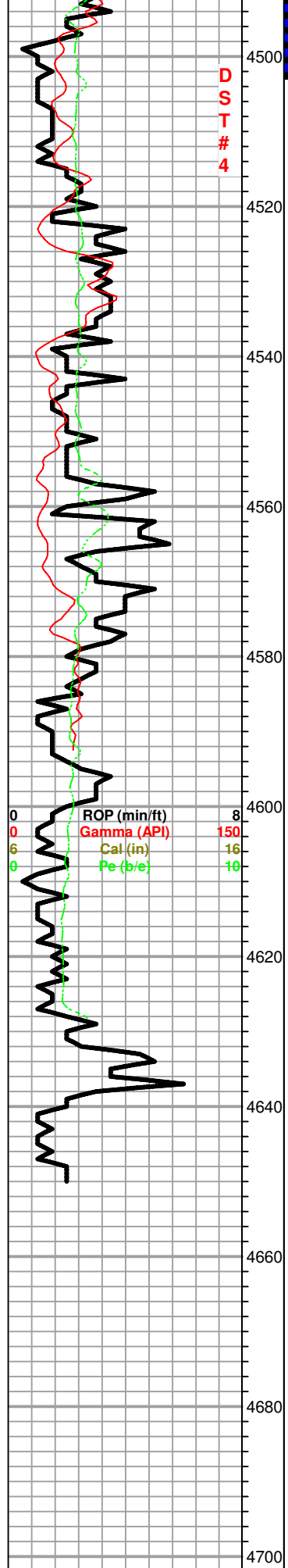
Recovery:
217' GIP

124' Gassy Oil
(20%G 80%M)

93' Oily Mud
(40%O,60%M)

62' Emulsified Oil Mud
(40%O, 60%M)

Pressures:
ICID 1100 psi



shows

Miss. Spergen 4494.0 (-1733.0)

Dol., tan, fxl, suc. fair vuggy type porosity, slightly cherty, fair- good stain/ sat., fr-good sfo, odor

Dol, a/a, fair stain/ sat., fair odor (foss) in pts

Dol. tan, gry, fxl, suc. decrease in porosity, tr. stain, fo, ft. odor tr. clean qtz + white chalk

Dol. tan, suc. slightly cherty, poor vis porosity + white chalk & pyrite

Dol a/a, + white gry boney chert

Miss. Warsaw 4556.0 (-1795.0)

LS, white, cream, highly dolomitic, poor vis. porosity, tr. gry chert, tr. suc. dol.

LS, gry, tan, foss in pts, mottled

Miss. Osage 4584.0 (-1823.0)

Chert, gry, white, foss, boney + tr. white/ clear qtz & fxl, suc . dol

Dol. tan, suc. slightly cherty+ tr. clear qtz gry chert

Dol., white, cream, fxl, suc. + slug white/ gry/ boney chert, tr. glauc. dol.

Gilmore City 4630.0 (-1869.0)

LS white/ tan, med xln, few foss, chalky, no shows

Dol., tan, fxl, suc. dense + white, gry opaque chert

RTD 4650.0 (-1889.0)

LTD 4648.0 (-1887.0)

ISIP 1188 psi
 FSIP 1194 psi
 IFP 26-54 psi
 FFP 65-117 psi
 HSH 2246-2180 psi

DST#4 4503-4513

30-45-60-60

1st Open:
 Built to 7"

2nd Open:
 Built to 10"

Recovery:
 30' Clean Oil

150' Muddy Water W/
 scum of oil

Pressures:
 ISIP 1221 psi
 FSIP 1225 psi
 IFP 23-46 psi
 FFP 52-94 psi
 HSH 2285-2195 psi

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

