

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	POWERS 9D-2-1429
Doc ID	1357340

All Electric Logs Run

Compact Photo Density/Compensated Neutron/Microresistivity
Caliper Log
Microresistivity
Compensated Sonic with Integrated Transit Time
Cement Bond

Form	ACO1 - Well Completion
Operator	US Oil Resources LLC
Well Name	POWERS 9D-2-1429
Doc ID	1357340

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4434-4448	Acidize w/ 250 gal 15% MCA	4434-4448
	DV tool @ 2266	Cmtd w/ 400 60/40 Pos, 8% gel, & 0.25 pps Flo	2266
	Mouse and rat hole	Cmtd w/ 50 sos 60/40 Pos w/ 8% gel & 0.25 pps Flo	



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 51803

LOCATION Oakley, KS

FOREMAN Walt Dinkel

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-23-17		Power 90-2-1429	2	145	29 ^W	Gove
CUSTOMER <u>U.S. Oil Resources</u>			Gove			
MAILING ADDRESS			South to			
CITY			Bd L			
STATE			into			
ZIP CODE						
TRUCK #		DRIVER		TRUCK #		DRIVER
753		Miles Shaw				
566		Steven Adal				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 263' CASING SIZE & WEIGHT 5 5/8 23#
 CASING DEPTH 263 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15-20'
 DISPLACEMENT 15 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety Meeting, Rig up on Duke #2, Pipe casing on bottom
mix 175 sks Surface Blend II, Displace 15 1/2 BBL H₂O, Shut in
Cement Did Cure
Approx 4-5 BBL to BT
Thank You
Walt Dinkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
C00471	1	PUMP CHARGE	1,150 ⁰⁰	1,150 ⁰⁰
C00002	30	MILEAGE	7.5	2,145 ⁰⁰
C00711	8.73	Ton Mileage Delivery	1.25	660 ⁰⁰
C05871	175 sks	Surface Blend II	23 ⁰⁰	4,025 ⁰⁰
				6,049 ⁵⁰
			Less 35% Tax	-2,117 ³³
				3,932 ¹⁷
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737 AUTHORIZATION Alvin D. Blum TITLE _____ DATE _____
 \$4247 w/ Taxed

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.



TICKET NUMBER 51779
 LOCATION Oakley, KS
 FOREMAN Jerly / Miles

PO Box 884, Chanute, KS 66120
 620-431-9210 or 800-467-8676

WELL TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-4-17		Powers 9D-2-1429	2	145	29W	Gove
CUSTOMER <u>US Oil Reser</u>			Gove St to L W on 1-40			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			731	Cory D		
STATE			566	Travis W		
ZIP CODE			529 T127	Trav's W		

JOB TYPE 2-Stage HOLE SIZE 7 7/8 HOLE DEPTH 4590 CASING SIZE & WEIGHT 5 1/2 15.5 #
 CASING DEPTH 4569 DRILL PIPE _____ TUBING _____ OTHER DV @ 2271
 SLURRY WEIGHT 13.8 / 12.5 SLURRY VOL 1.32 / 1.29 WATER gal/sk _____ CEMENT LEFT in CASING 42'
 DISPLACEMENT 10774 / 154 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & clean up on Daked out flat equip. centralizers on 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15. Basket 10' w on 55 DV tool on top 55 set @ 2271 in casing. to bottom pump ball thru & circ the pump 5 hbl under 500 gal mud flush, 5661 wider spacer mix 210 sks thixobland III shut down & release plug wash pump & lines. Displace with 108 W (60 lb @ 48 min) final lift 900# plug lead @ 1500# released back to float ball open line @ 900# & circulate 3 hrs pump 5 hbl ahead mix 400 sks litchblend III shut down & release plug clean pump & lines & displace with 55 hbl fresh water final lift 600# plug lead @ 1500# released back to float ball

Circulated cement to surface
20 sks manichole 30 sks Rathol
 Thank you Jerly & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0453	1	PUMP CHARGE	2800.00	2800.00
CE0002	30	MILEAGE	7.15	214.50
CE0710	29.22	ton mileage delivery	1.75	1534.05
CC5862	210 sks	thixobland III	26.00	5460.00
CC6077	10.50 #	Kolscol	.50	525.00
CC5831	450 sks	litchblend III	17.50	7875.00
CC6075	113 #	floriseal	3.00	339.00
CC6125	500 gal	mud flush	.65	325.00
CP8485	1	5 1/2 AFU Float shoe	585.00	585.00
CP8254	1	5 1/2 latch down 955#	400.00	400.00
CP8554	15	5 1/2 centralizers	81.00	1215.00
CP8629	1	5 1/2 basket	385.00	385.00
CP8801	1	5 1/2 DV tool	5970.00	5970.00
			subtotal	27,627.55
			- 352 disc	9,669.64
			subtotal	17,957.90

SALES TAX _____
 ESTIMATED TOTAL _____
 AUTHORIZATION Adam B... TITLE _____ DATE 5-4-17

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: Jim Musgrove.

Powers #9d-2-1429

2-14s-29w Gove,KS

Start Date: 2017.04.28 @ 07:37:00

End Date: 2017.04.28 @ 15:43:15

Job Ticket #: 61356 DST #: 1

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

Printed: 2017.05.03 @ 10:45:44



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.
 6727 W Prentice Ave
 Lakewood, CO 80123
 ATTN: Jim Musgrove.

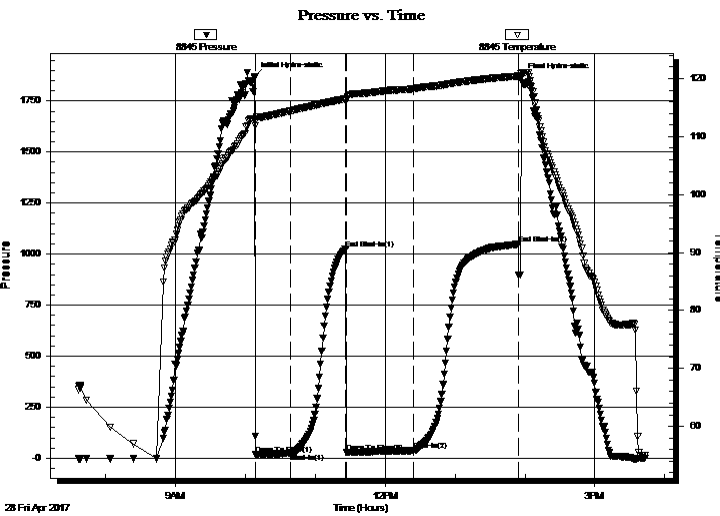
2-14s-29w Gove, KS
Powers #9d-2-1429
 Job Ticket: 61356 **DST#: 1**
 Test Start: 2017.04.28 @ 07:37:00

GENERAL INFORMATION:

Formation: **LKC - D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:09:00
 Time Test Ended: 15:43:15
 Interval: **3916.00 ft (KB) To 3940.00 ft (KB) (TVD)**
 Total Depth: 3940.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2719.00 ft (KB)
 2711.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8845 Outside
 Press@RunDepth: 37.69 psig @ 3917.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.28 End Date: 2017.04.28 Last Calib.: 2017.04.28
 Start Time: 07:37:05 End Time: 15:43:14 Time On Btm: 2017.04.28 @ 10:08:15
 Time Off Btm: 2017.04.28 @ 13:56:45

TEST COMMENT: IF: 4" blow.
 IS: No return.
 FF: 3" blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1867.46	113.06	Initial Hydro-static
1	18.90	112.75	Open To Flow (1)
31	24.38	114.42	Shut-In(1)
78	1026.25	116.49	End Shut-In(1)
79	29.47	116.18	Open To Flow (2)
137	37.69	118.27	Shut-In(2)
227	1049.15	120.43	End Shut-In(2)
229	1864.77	120.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gmco 20g 40m 40o	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61356

DST#: 1

Test Start: 2017.04.28 @ 07:37:00

Tool Information

Drill Pipe:	Length: 3914.00 ft	Diameter: 3.80 inches	Volume: 54.90 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 54.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3916.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3890.00	
Shut In Tool	5.00			3895.00	
Hydraulic tool	5.00			3900.00	
Jars	5.00			3905.00	
Safety Joint	2.00			3907.00	
Packer	5.00			3912.00	27.00 Bottom Of Top Packer
Packer	4.00			3916.00	
Stubb	1.00			3917.00	
Recorder	0.00	8365	Inside	3917.00	
Recorder	0.00	8845	Outside	3917.00	
Perforations	20.00			3937.00	
Bullnose	3.00			3940.00	24.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61356

DST#: 1

ATTN: Jim Musgrove.

Test Start: 2017.04.28 @ 07:37:00

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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gmco 20g 40m 40o	0.842

Total Length: 60.00 ft Total Volume: 0.842 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

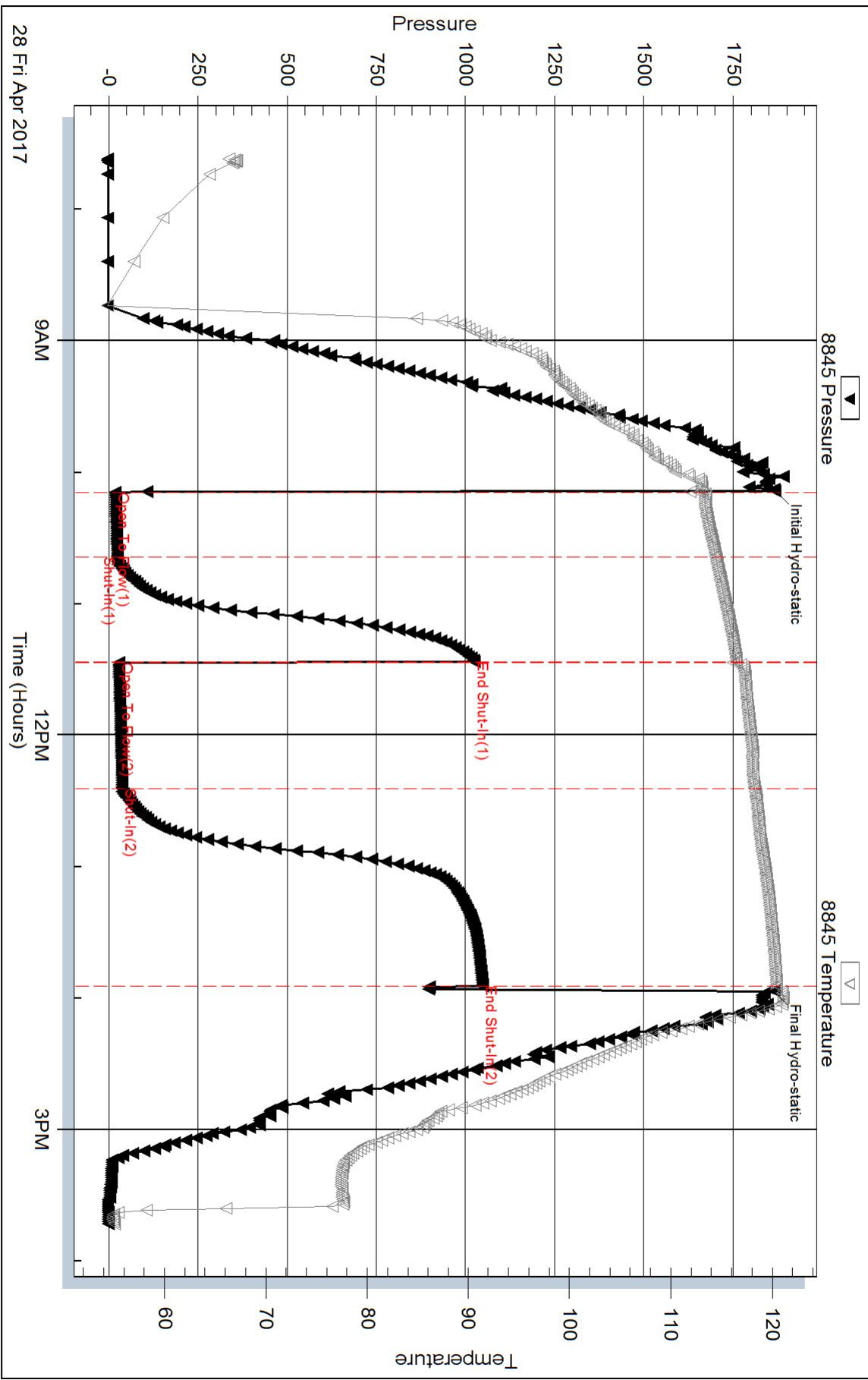
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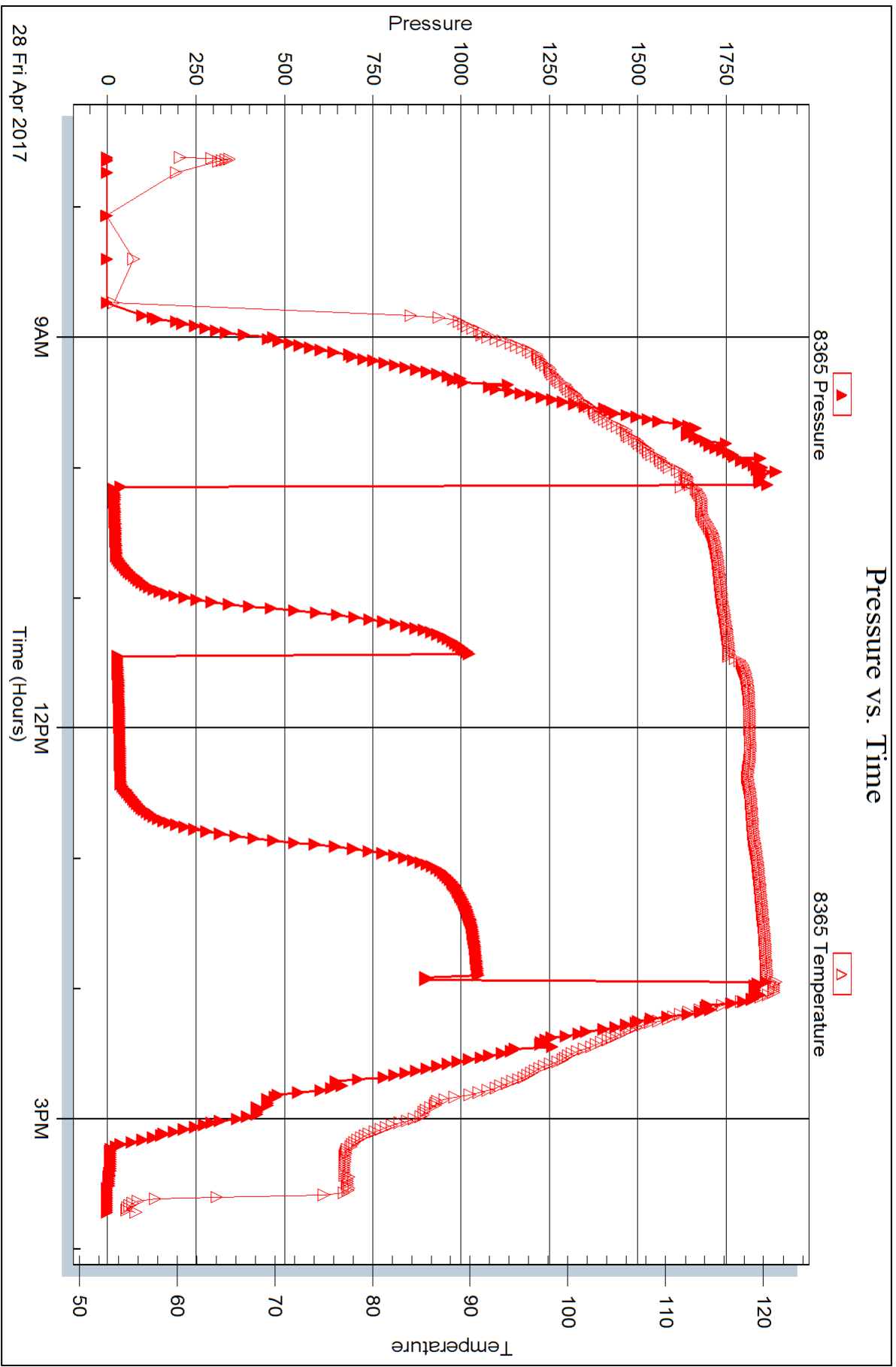
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC.**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove.

Powers #9d-2-1429

2-14s-29w Gove,KS

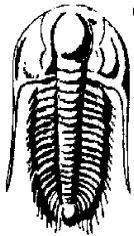
Start Date: 2017.04.29 @ 05:44:00

End Date: 2017.04.29 @ 15:09:45

Job Ticket #: 61357 DST #: 2

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

Printed: 2017.05.03 @ 10:45:20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.

2-14s-29w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61357

DST#: 2

Test Start: 2017.04.29 @ 05:44:00

GENERAL INFORMATION:

Formation: **LKC G-H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:10:45

Time Test Ended: 15:09:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 3985.00 ft (KB) To 4057.00 ft (KB) (TVD)

Reference Elevations: 2719.00 ft (KB)

Total Depth: 4057.00 ft (KB) (TVD)

2711.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 381.28 psig @ 3986.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.04.29 End Date: 2017.04.29

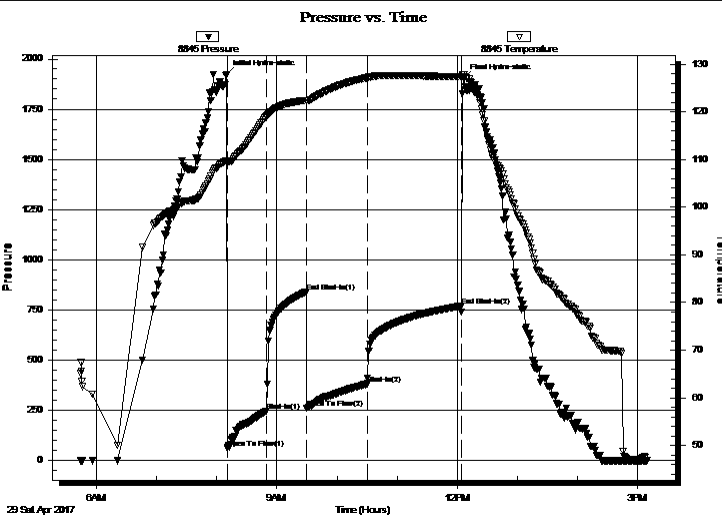
Last Calib.: 2017.04.29

Start Time: 05:44:05 End Time: 15:09:45

Time On Btm: 2017.04.29 @ 08:09:30

Time Off Btm: 2017.04.29 @ 12:06:45

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB @ 5 min.
FF: BOB @ open.
FS: BOB @ 5 min. Gas to Surface @ end of shut in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1922.60	109.78	Initial Hydro-static
2	59.42	109.56	Open To Flow (1)
41	245.62	119.09	Shut-In(1)
80	839.93	122.44	End Shut-In(1)
81	259.50	122.33	Open To Flow (2)
141	381.28	127.19	Shut-In(2)
235	768.68	127.38	End Shut-In(2)
238	1904.58	127.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	mcw 10m 90w	2.60
125.00	gw mco 40g 10w 20m 30o	1.75
250.00	gmco 50g 15m 35o	3.51
370.00	go 35g 65o	5.19
0.00	gas to surface	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.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61357

DST#: 2

ATTN: Jim Musgrove.

Test Start: 2017.04.29 @ 05:44:00

Tool Information

Drill Pipe:	Length: 3975.00 ft	Diameter: 3.80 inches	Volume: 55.76 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 55.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3985.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3959.00	
Shut In Tool	5.00			3964.00	
Hydraulic tool	5.00			3969.00	
Jars	5.00			3974.00	
Safety Joint	2.00			3976.00	
Packer	5.00			3981.00	27.00 Bottom Of Top Packer
Packer	4.00			3985.00	
Stubb	1.00			3986.00	
Recorder	0.00	8365	Inside	3986.00	
Recorder	0.00	8845	Outside	3986.00	
Perforations	3.00			3989.00	
Change Over Sub	1.00			3990.00	
Drill Pipe	63.00			4053.00	
Change Over Sub	1.00			4054.00	
Bullnose	3.00			4057.00	72.00 Bottom Packers & Anchor

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61357

DST#: 2

ATTN: Jim Musgrove.

Test Start: 2017.04.29 @ 05:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

38000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
185.00	mcw 10m 90w	2.595
125.00	gw mco 40g 10w 20m 30o	1.753
250.00	gmco 50g 15m 35o	3.507
370.00	go 35g 65o	5.190
0.00	gas to surface	0.000

Total Length: 930.00 ft Total Volume: 13.045 bbl

Num Fluid Samples: 0

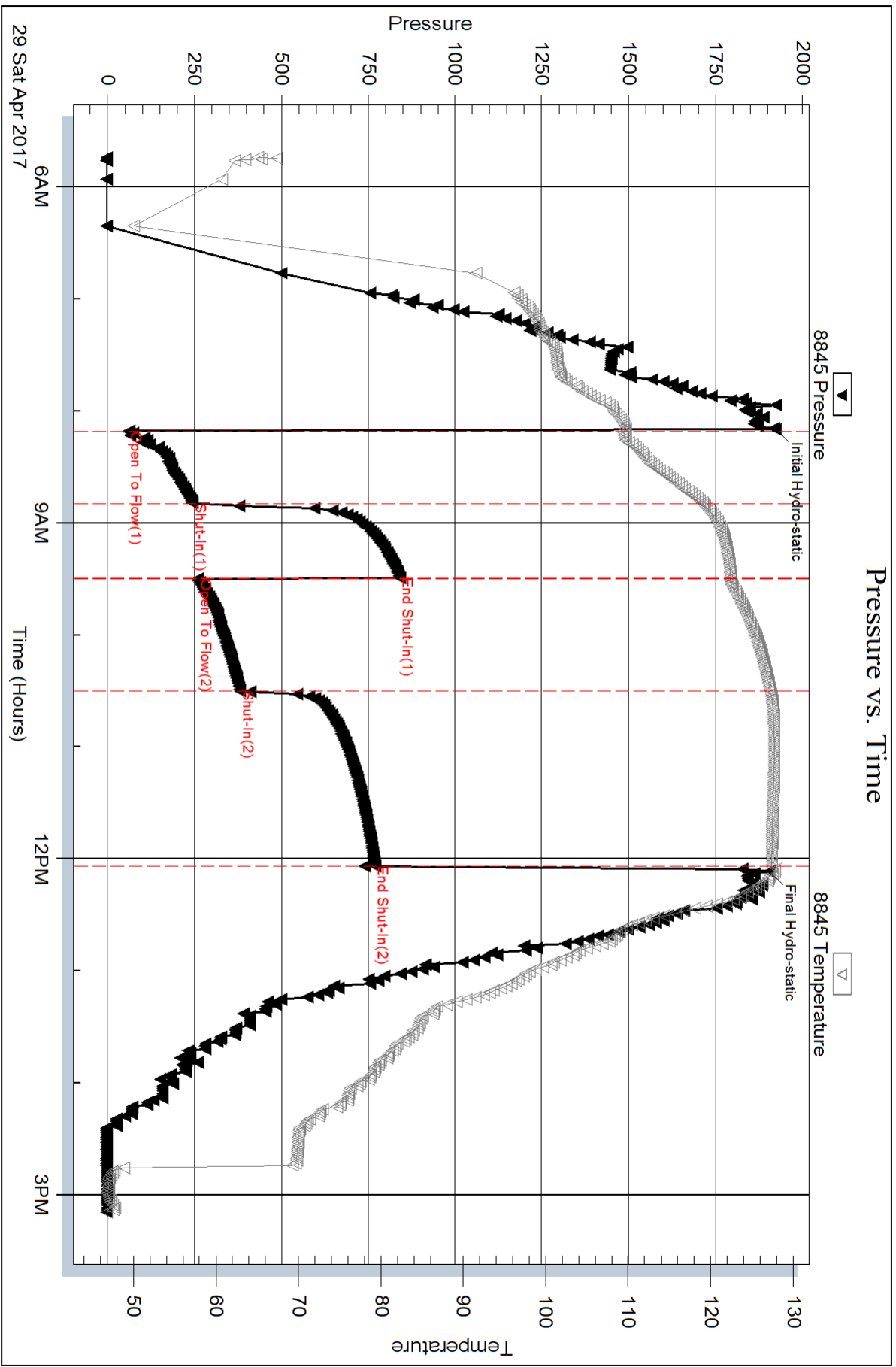
Num Gas Bombs: 0

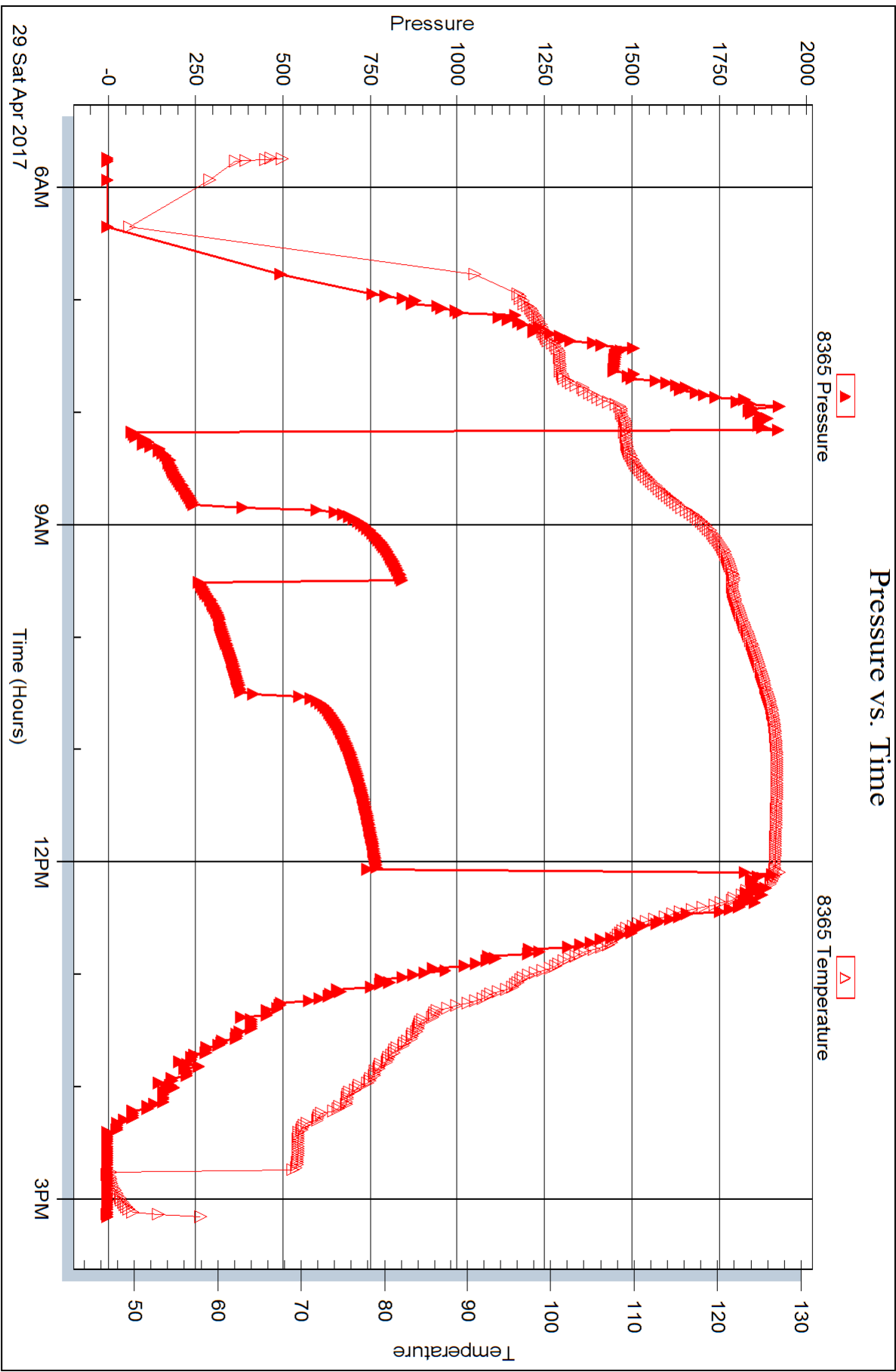
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .320 @ 39f = 38,000ppm







DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC.**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove.

Powers #9d-2-1429

2-14s-29w Gove,KS

Start Date: 2017.04.29 @ 23:02:00

End Date: 2017.04.30 @ 09:20:00

Job Ticket #: 61358 DST #: 3

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

Printed: 2017.05.03 @ 10:44:48



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.
6727 W Prentice Ave
Lakewood, CO 80123
ATTN: Jim Musgrove.

2-14s-29w Gove, KS

Powers #9d-2-1429

Job Ticket: 61358

DST#: 3

Test Start: 2017.04.29 @ 23:02:00

GENERAL INFORMATION:

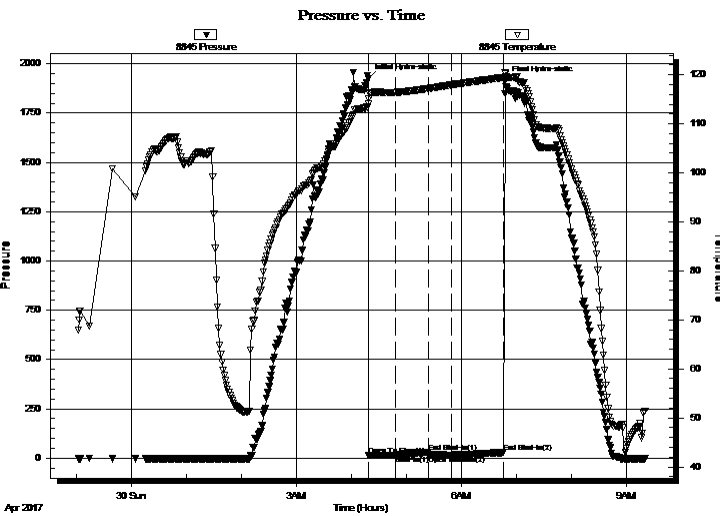
Formation: **LKC - I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:18:45
 Time Test Ended: 09:20:00
 Interval: **4057.00 ft (KB) To 4077.00 ft (KB) (TVD)**
 Total Depth: 4077.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2719.00 ft (KB)
 2711.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8845

Outside

Press@RunDepth: 16.27 psig @ 4058.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.29 End Date: 2017.04.30 Last Calib.: 2017.04.30
 Start Time: 23:02:05 End Time: 09:20:00 Time On Btm: 2017.04.30 @ 04:18:15
 Time Off Btm: 2017.04.30 @ 06:47:45

TEST COMMENT: IF: Surface blow, after fixing connection.
 IS: No return.
 FF: 1/2" blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1924.02	115.02	Initial Hydro-static
1	15.42	115.19	Open To Flow (1)
30	16.09	116.43	Shut-In(1)
65	30.36	117.19	End Shut-In(1)
66	16.21	117.22	Open To Flow (2)
91	16.27	117.94	Shut-In(2)
148	28.47	119.47	End Shut-In(2)
150	1915.52	120.12	Final Hydro-static

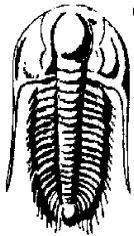
Recovery

Length (ft)	Description	Volume (bbl)
8.00	socm 3o 97m	0.11

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

US Oil Resources, LLC.

2-14s-29w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61358

DST#: 3

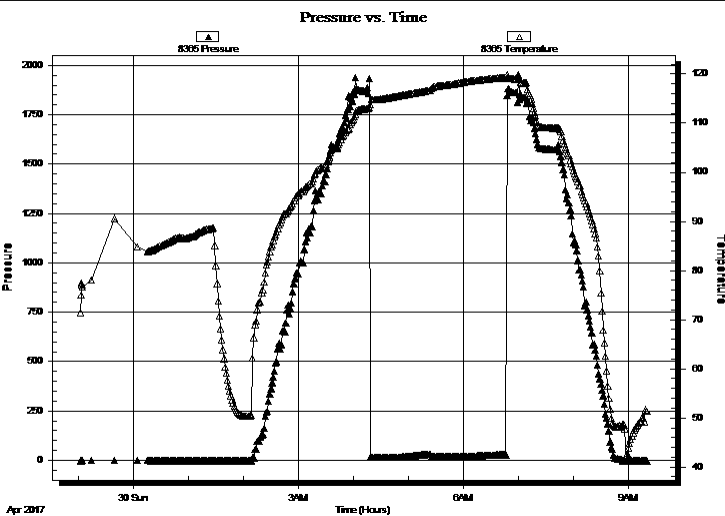
Test Start: 2017.04.29 @ 23:02:00

GENERAL INFORMATION:

Formation: **LKC - I**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 04:18:45 Tester: Bradley Walter
 Time Test Ended: 09:20:00 Unit No: 78
Interval: 4057.00 ft (KB) To 4077.00 ft (KB) (TVD) Reference Elevations: 2719.00 ft (KB)
 Total Depth: 4077.00 ft (KB) (TVD) 2711.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
 Press@RunDepth: psig @ 4058.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.29 End Date: 2017.04.30 Last Calib.: 2017.04.30
 Start Time: 23:02:05 End Time: 09:20:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Surface blow, after fixing connection.
 IS: No return.
 FF: 1/2" blow.
 FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
8.00	socm 3o 97m	0.11

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.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61358

DST#: 3

Test Start: 2017.04.29 @ 23:02:00

Tool Information

Drill Pipe:	Length: 4039.00 ft	Diameter: 3.80 inches	Volume: 56.66 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 56.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4057.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4031.00	
Shut In Tool	5.00			4036.00	
Hydraulic tool	5.00			4041.00	
Jars	5.00			4046.00	
Safety Joint	2.00			4048.00	
Packer	5.00			4053.00	27.00 Bottom Of Top Packer
Packer	4.00			4057.00	
Stubb	1.00			4058.00	
Recorder	0.00	8365	Inside	4058.00	
Recorder	0.00	8845	Outside	4058.00	
Perforations	16.00			4074.00	
Bullnose	3.00			4077.00	20.00 Bottom Packers & Anchor

Total Tool Length: 47.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61358

DST#: 3

ATTN: Jim Musgrove.

Test Start: 2017.04.29 @ 23:02:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	socm 3o 97m	0.112

Total Length: 8.00 ft Total Volume: 0.112 bbl

Num Fluid Samples: 0

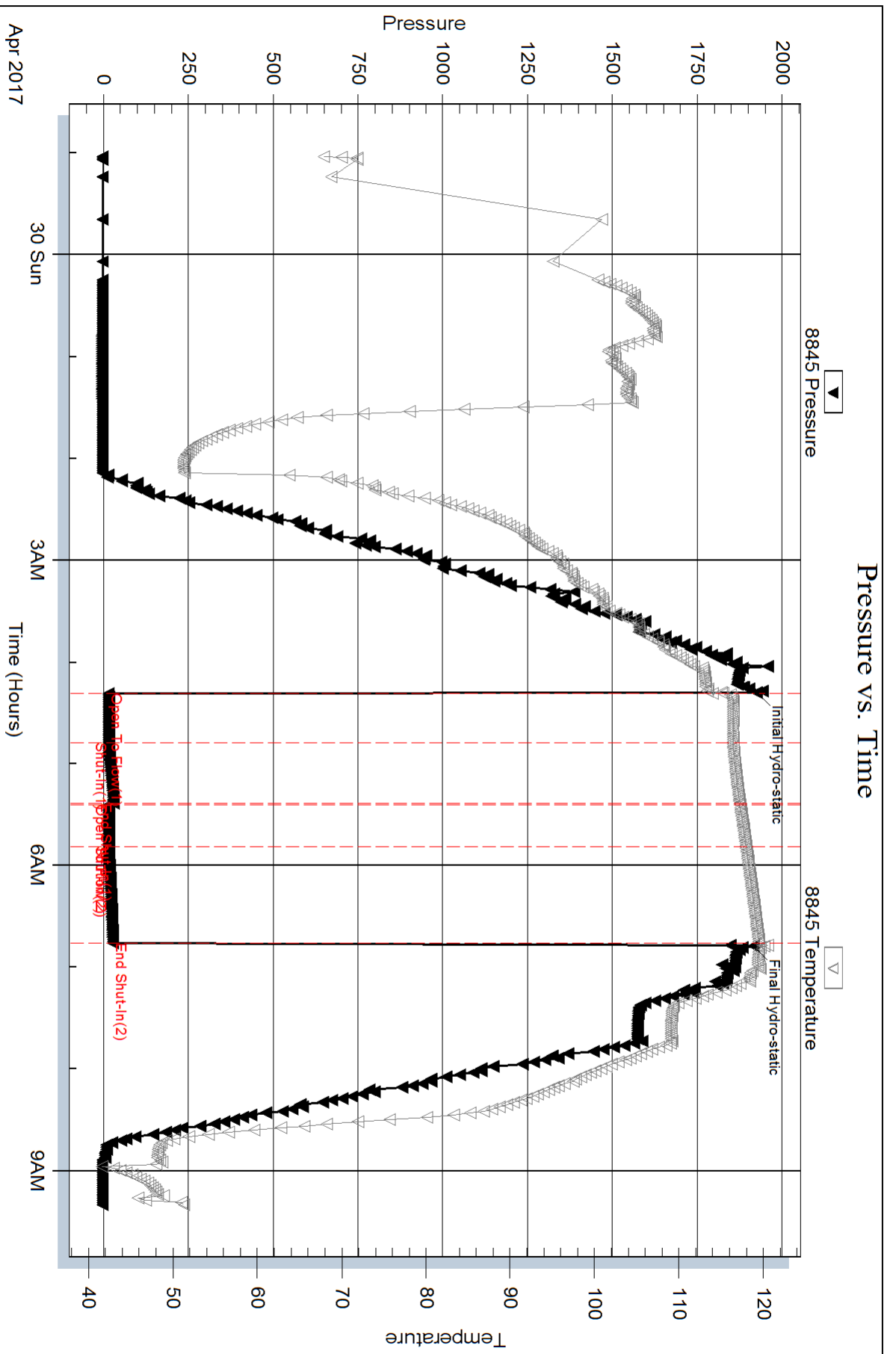
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



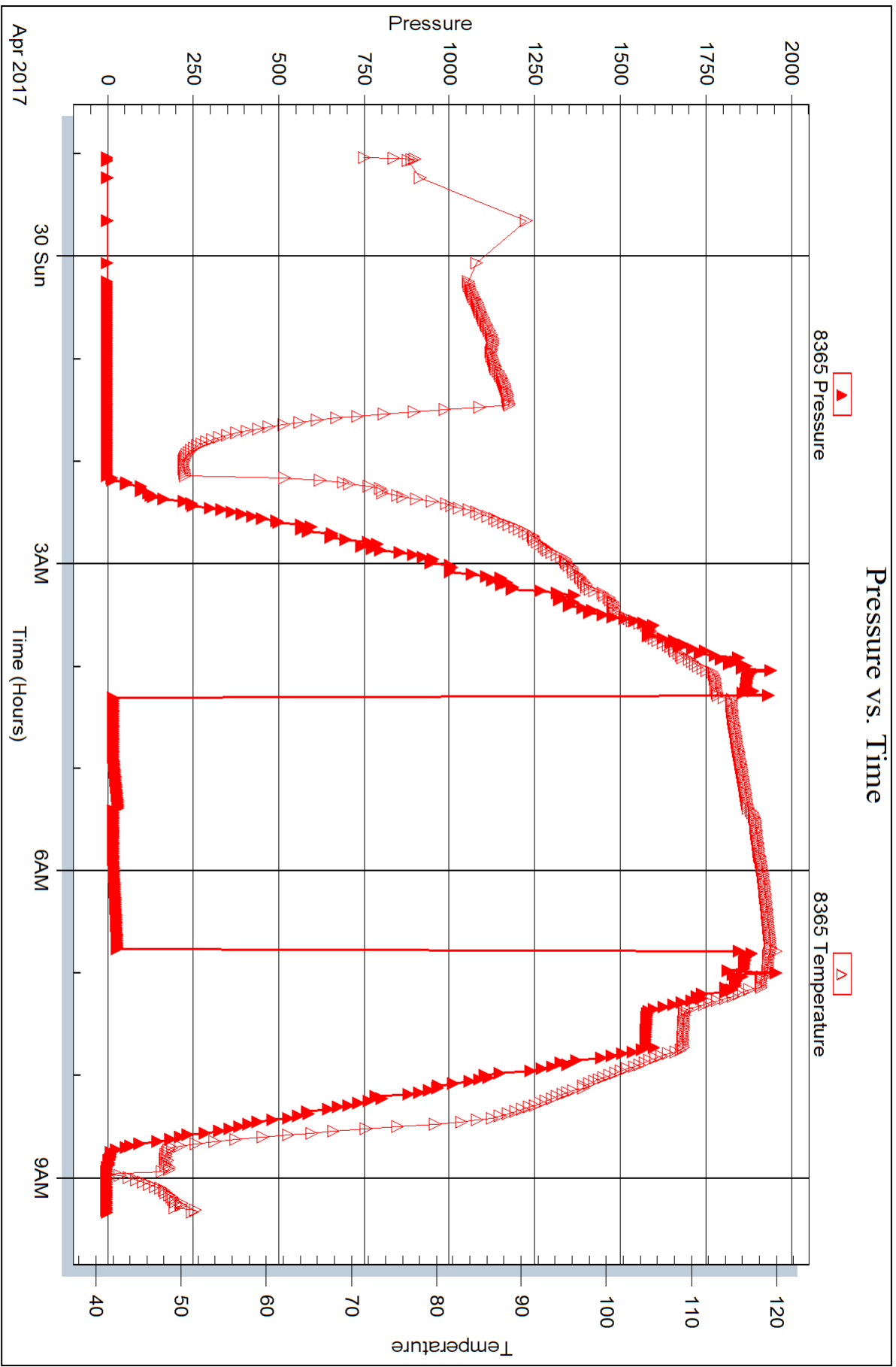
Serial #: 8365

Inside

US Oil Resources, LLC.

Power #9d-2-1429

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **US Oil Resources, LLC.**

6727 W Prentice Ave
Lakewood, CO 80123

ATTN: Jim Musgrove.

Powers #9d-2-1429

2-14s-29w Gove,KS

Start Date: 2017.05.02 @ 09:34:00

End Date: 2017.05.02 @ 18:53:15

Job Ticket #: 61359 DST #: 4

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

Printed: 2017.05.03 @ 10:44:15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.
 6727 W Prentice Ave
 Lakewood, CO 80123
 ATTN: Jim Musgrove.

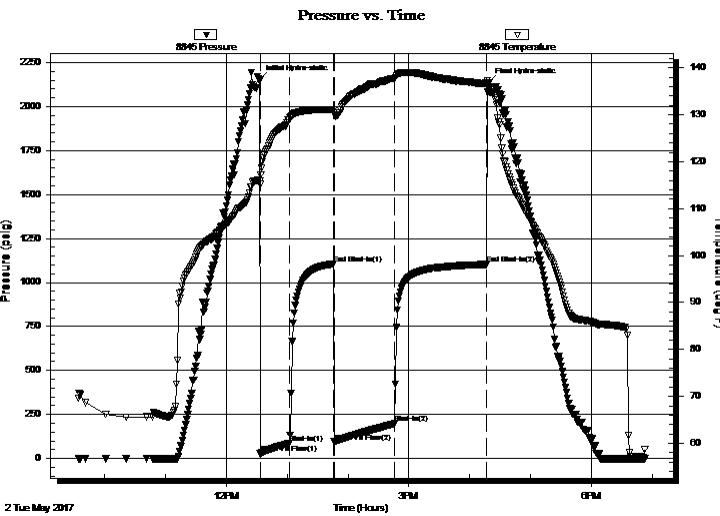
2-14s-29w Gove, KS
Powers #9d-2-1429
 Job Ticket: 61359 **DST#: 4**
 Test Start: 2017.05.02 @ 09:34:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:33:15
 Time Test Ended: 18:53:15
 Interval: **4420.00 ft (KB) To 4445.00 ft (KB) (TVD)**
 Total Depth: 4445.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2719.00 ft (KB)
 2711.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8845 Outside
 Press@RunDepth: 197.73 psig @ 4421.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.05.02 End Date: 2017.05.02 Last Calib.: 2017.05.02
 Start Time: 09:34:05 End Time: 18:53:15 Time On Btm: 2017.05.02 @ 12:33:00
 Time Off Btm: 2017.05.02 @ 16:19:00

TEST COMMENT: IF: BOB @ 5 min.
 IS: 1" return.
 FF: BOB @ 4 min.
 FS: BOB return @ 27 min, receded to 8".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.22	115.87	Initial Hydro-static
1	25.83	115.18	Open To Flow (1)
29	85.10	129.07	Shut-In(1)
73	1105.93	131.00	End Shut-In(1)
74	93.66	130.50	Open To Flow (2)
133	197.73	137.67	Shut-In(2)
224	1103.47	136.62	End Shut-In(2)
226	2133.88	135.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	gmco 40g 20m 40o	2.52
330.00	gsmco 2m 33g 65o	4.63
0.00	1890' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

US Oil Resources, LLC.

2-14s-29w Gove, KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

ATTN: Jim Musgrove.

Job Ticket: 61359

DST#: 4

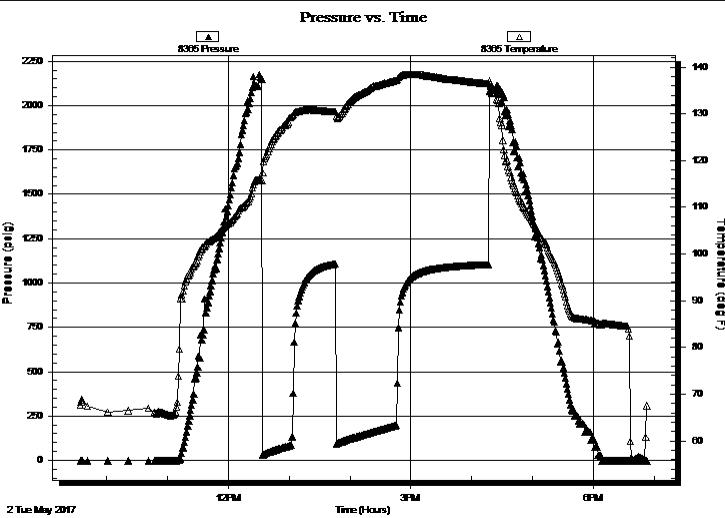
Test Start: 2017.05.02 @ 09:34:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 12:33:15 Tester: Bradley Walter
 Time Test Ended: 18:53:15 Unit No: 78
 Interval: **4420.00 ft (KB) To 4445.00 ft (KB) (TVD)** Reference Elevations: 2719.00 ft (KB)
 Total Depth: 4445.00 ft (KB) (TVD) 2711.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
 Press@RunDepth: psig @ 4421.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.05.02 End Date: 2017.05.02 Last Calib.: 2017.05.02
 Start Time: 09:34:05 End Time: 18:53:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 5 min.
 IS: 1" return.
 FF: BOB @ 4 min.
 FS: BOB return @ 27 min, receded to 8".



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	gmco 40g 20m 40o	2.52
330.00	gsmco 2m 33g 65o	4.63
0.00	1890' 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.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61359

DST#: 4

ATTN: Jim Musgrove.

Test Start: 2017.05.02 @ 09:34:00

Tool Information

Drill Pipe:	Length: 4411.00 ft	Diameter: 3.80 inches	Volume: 61.87 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 61.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4420.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4394.00	
Shut In Tool	5.00			4399.00	
Hydraulic tool	5.00			4404.00	
Jars	5.00			4409.00	
Safety Joint	2.00			4411.00	
Packer	5.00			4416.00	27.00 Bottom Of Top Packer
Packer	4.00			4420.00	
Stubb	1.00			4421.00	
Recorder	0.00	8365	Inside	4421.00	
Recorder	0.00	8845	Outside	4421.00	
Perforations	21.00			4442.00	
Bullnose	3.00			4445.00	25.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

US Oil Resources, LLC.

2-14s-29w Gove,KS

6727 W Prentice Ave
Lakewood, CO 80123

Powers #9d-2-1429

Job Ticket: 61359

DST#: 4

ATTN: Jim Musgrove.

Test Start: 2017.05.02 @ 09:34:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	gmco 40g 20m 40o	2.525
330.00	gsmco 2m 33g 65o	4.629
0.00	1890' GIP	0.000

Total Length: 510.00 ft

Total Volume: 7.154 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

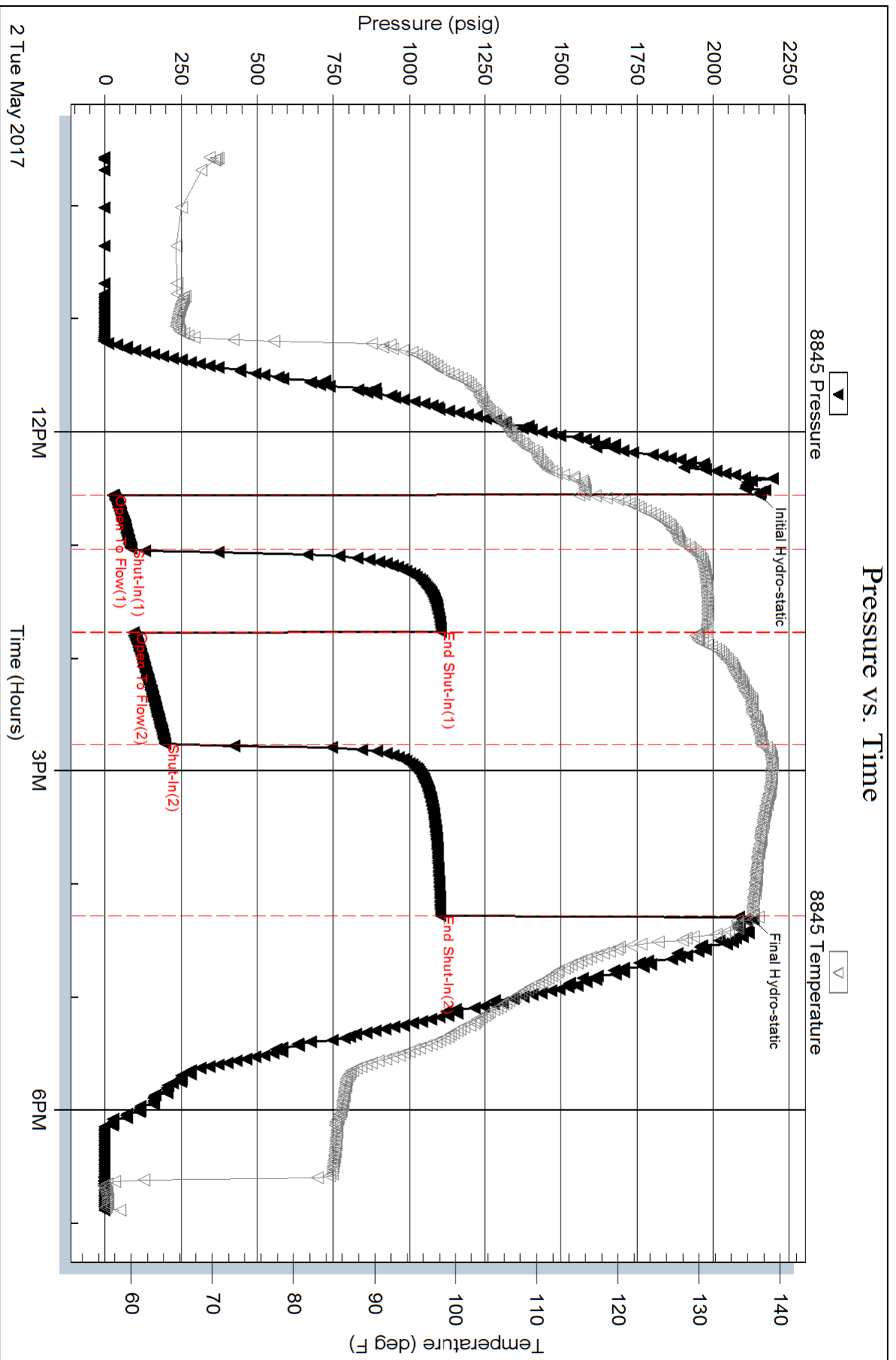
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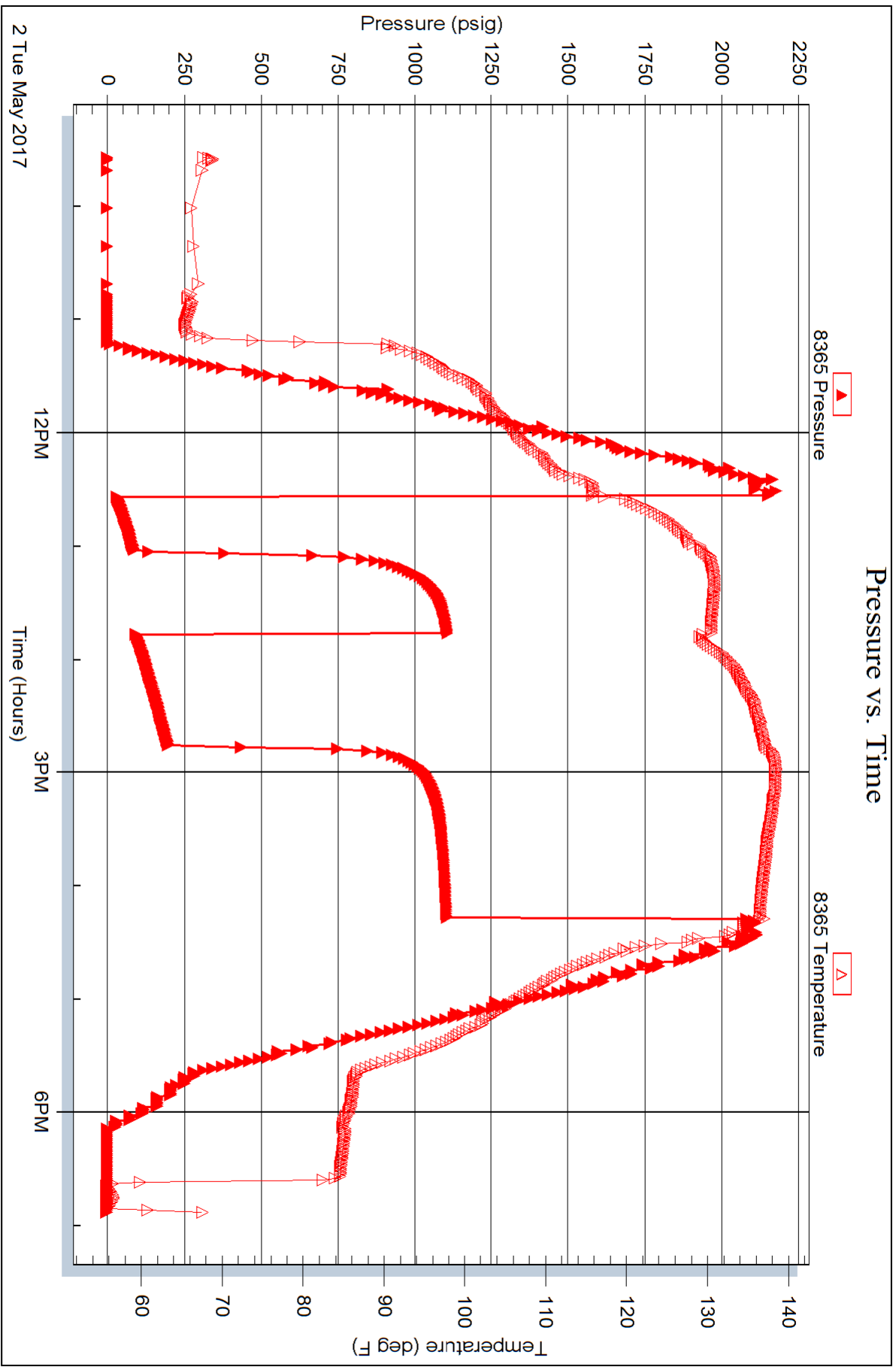
Laboratory Name:

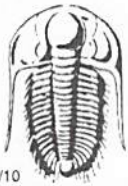
Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **61356**

4/10

Well Name & No. Powers 9D-2-1429 Test No. 1 Date 4/28/2017
 Company US Oil Resources, LLC Elevation 2719 KB 2711 GL
 Address 6727 W. Prentice Ave. Lakewood, Co 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke #2
 Location: Sec. 2 Twp. 14s Rge. 29w Co. Gore State Ks

Interval Tested 3916 - 3940 Zone Tested LKC D
 Anchor Length 24' Drill Pipe Run 3914 Mud Wt. 9.6
 Top Packer Depth 3911 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 3916 Wt. Pipe Run 0 WL 6.0
 Total Depth 3940 Chlorides 1000 ppm System LCM 2#

Blow Description IF: 4" blow.
ISI: No return.
FF: 3" blow.
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>G/MCO</u>	<u>20</u>	<u>40</u>	<u>40</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

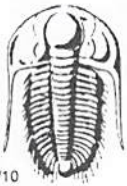
Rec Total 60 BHT 120 Gravity - API RW - @ -° F Chlorides - ppm

(A) Initial Hydrostatic 1867 Test 1050 T-On Location 0545
 (B) First Initial Flow 19 Jars 250 T-Started 0737
 (C) First Final Flow 24 Safety Joint 75 T-Open 1010
 (D) Initial Shut-In 1026 Circ Sub H/C T-Pulled 1355
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 1543
 (F) Second Final Flow 38 Mileage 98 RT 73.50 Comments _____
 (G) Final Shut-In 1049 Sampler _____
 (H) Final Hydrostatic 1865 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90
 Sub Total 1448.50
 Total 1448.50
 MP/DST Disc't _____

Approved By _____ Our Representative

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61357

Well Name & No. Powers 9D-2-1429 Test No. 2 Date 4/29/2017
 Company US Oil Resources, LLC Elevation 2719 KB 2711 GL
 Address 6727 W. Pruitice Ave Lakewood, Co 80123
 Co. Rep / Geo. Jim Musgrove Rig Duke #2
 Location: Sec. 2 Twp. 14 S Rge. 29 W Co. Gove State KS

Interval Tested 3985-4057 Zone Tested LKC G-H
 Anchor Length 72' Drill Pipe Run 3975 Mud Wt. 9.0
 Top Packer Depth 3980 Drill Collars Run 0 Vis 60
 Bottom Packer Depth 3985 Wt. Pipe Run 0 WL 6.4
 Total Depth 4057 Chlorides 1600 ppm System LCM 2#

Blow Description IF BOB@ 1 min.
ISI BOB@ 5 min.
FF BOB@ open.
FSI BOB@ 5 min. recded to 9' / GAS to surface @ end.

Rec	Feet of	%gas	%oil	%water	%mud
<u>370</u>	<u>60</u>	<u>35%</u>	<u>65%</u>		
<u>250</u>	<u>GMCO</u>	<u>50%</u>	<u>35%</u>		<u>15%</u>
<u>125</u>	<u>GWmco</u>	<u>40%</u>	<u>30%</u>	<u>10%</u>	<u>20%</u>
<u>185</u>	<u>MCW</u>			<u>90%</u>	<u>10%</u>
	<u>Gas to surface</u>				

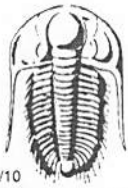
Rec Total 930 BHT 127 Gravity 35 API RW 320 @ 39° F Chlorides 38,000 ppm

(A) Initial Hydrostatic	<u>1923</u>	<input checked="" type="checkbox"/> Test	<u>1050</u>	T-On Location	<u>0500</u>
(B) First Initial Flow	<u>59</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>0544</u>
(C) First Final Flow	<u>246</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>0810</u>
(D) Initial Shut-In	<u>840</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>		T-Pulled	<u>1200</u>
(E) Second Initial Flow	<u>260</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>1510</u>
(F) Second Final Flow	<u>381</u>	<input checked="" type="checkbox"/> Mileage <u>98.27</u>	<u>73.50</u>	Comments	
(G) Final Shut-In	<u>769</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1905</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>45</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>60</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>90</u>	<input type="checkbox"/> Day Standby		Total	<u>1548.50</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1548.50</u>		

Approved By _____ 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. 61358

Well Name & No. Powers 9D-2 - 1429 Test No. 3 Date 4/3/2017
 Company US Oil Resources, LLC Elevation 2719 KB 2711 GL
 Address 6727 W. Printice Ave LakeWood Co 60123
 Co. Rep / Geo. Jim Musgrove Rig Duke #2
 Location: Sec. 2 Twp. 14 S Rge. 29 W Co. Gore State KS

Interval Tested 4057 - 4077 Zone Tested LKC I
 Anchor Length 20' Drill Pipe Run 4039 Mud Wt. 9.2
 Top Packer Depth 4052 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 4057 Wt. Pipe Run 0 WL 64
 Total Depth 4077 Chlorides 1600 ppm System LCM 2nd
 Blow Description IF surface blow, Fixed loose connection.
ISI No return,
FF ~~No~~ 1/2" blow
ISI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>8</u>	<u>50cm</u>		<u>3</u>		<u>97</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 8 BHT 119 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic	<u>1924</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>2200</u>
(B) First Initial Flow	<u>15</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>2302</u>
(C) First Final Flow	<u>16</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>0415</u>
(D) Initial Shut-In	<u>30</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>0630</u>
(E) Second Initial Flow	<u>16</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>0920</u>
(F) Second Final Flow	<u>16</u>	<input checked="" type="checkbox"/> Mileage	<u>98 FT</u> 73.50	Comments	
(G) Final Shut-In	<u>28</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1916</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
		<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Open	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Flow	<u>30</u>	<input type="checkbox"/> Day Standby		Total	<u>1548.50</u>
Final Shut-In	<u>45</u>	<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1548.50</u>		

Approved By _____ Our Representative 

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61359

4/10

Well Name & No. Powas 9D 2-1429 Test No. 4 Date 5/2/2017
 Company US Oil Resources, LLC Elevation 2719 KB 2711 GL
 Address 6727 W. Printice Ave Lakewood Co 80123
 Co. Rep / Geo. Jim Mesgrove Rig Duke #2
 Location: Sec. 2 Twp. 14s Rge. 29w Co. Gove State Ks

Interval Tested 4420 ~ 4445 Zone Tested Mississippian
 Anchor Length 25 Drill Pipe Run 4411 Mud Wt. 9.2
 Top Packer Depth 4415 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 4420 Wt. Pipe Run 0 WL 6.2
 Total Depth 4445 Chlorides 1,000 ppm System LCM 2#
 Blow Description IF BOB @ 5 min.
ISI 1" return
FF BOB @ 4 min.
FSI BOB return @ 27 min. receded to 8"

Rec	Feet of	%gas	%oil	%water	%mud
<u>330</u>	<u>GS mco</u>	<u>33</u>	<u>65</u>	<u>2</u>	
<u>180</u>		<u>40</u>	<u>40</u>	<u>20</u>	
	<u>1990' CIP</u>				

Rec Total 510 BHT 137 Gravity 40 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2152</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>0730</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0934</u>
(C) First Final Flow <u>85</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1232</u>
(D) Initial Shut-In <u>1106</u>	<input checked="" type="checkbox"/> Circ Sub <u>1/4</u>	T-Pulled <u>1617</u>
(E) Second Initial Flow <u>94</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1853</u>
(F) Second Final Flow <u>198</u>	<input checked="" type="checkbox"/> Mileage <u>18 RT</u> <u>73.50</u>	Comments
(G) Final Shut-In <u>1103</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2134</u>	<input type="checkbox"/> Straddle	
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	Total <u>1798.50</u>
	Sub Total <u>1798.50</u>	MP/DST Disc't

Approved By _____ Our Representative [Signature]

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Musgrove

Petroleum Geology
212 Main Street, Claflin KS

NOTES

Company: US Oil Resources LLC.

Lease: Powers # 9D-2-1429

Location: NW-SE-NE-SE (1662' FSL & 398' FEL)

Sec: 2 Twsp: 14S Rge: 29W

County: Gove State: Kansas

Field: Mable Northwest

KB: 2719' GL: 2711'

Contractor: Duke Drilling, Co. (Rig #2)

Spud: 04/23/2017 Comp: 05/3/2017

RTD: 4590' LTD: 4590'

Mud Up: 3452' Type Mud: Chemical

API #: 15-063-22305-00-00

Samples Saved From: 3500' to RTD

Drilling Time Kept From: 3500' to RTD

Samples Examined From: 3500' to RTD

Geological Supervision from: 3500' to RTD

Geologist on Well: Jim Musgrove

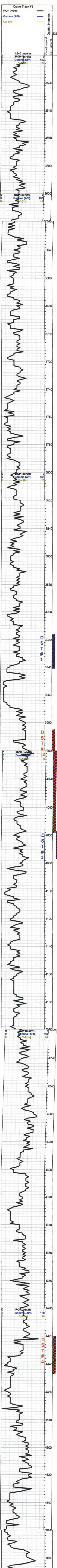
Surface Casing: 8 5/8" @ 263'

Production Casing: 5 1/2" @ 4588'

Electronic Surveys: Logged by Weatherford: Array Induction Shallow Focused Electric Log, Compact Photo Density Compensated Neutron Micro-Resistivity Log, Compensated Sonic with Integrated Transit Time & Micro Log

US OIL RESOURCES- POWERS #9D-2-1429





Geological Descriptions: LS, white, cream, gry, fxl, chalky, no shows; LS, white, fxl, gran. chalky, no shows; Black carb Shale; LS, gry, fxl, gran. foss in part, fair porosity, no shows; Black carb shale; LS, gry, tan, finely ool, chalky; LS, tan, highly foss, fair fossil cst porosity, no shows, few dolomitic; LS, gry tan, foss in part, scattered porosity, no shows, plus gry, white, foss, chert; LS, white, cream, chalky; Heebner 3809.0 (-1091.0) Black carb Shale; LS, tan, buff, slightly cherty (dense); Toronto 3828.0 (-1110.0) LS, tan/gry, foss, slightly cherty (dense); Lansing 3841.0 (-1123.0) LS, gry, tan, foss, scattered porosity, slug white/gry foss; opaque chert; LS, gry, tan, ool (dense) plus white, gry, opaque chert; Sh, gry, greenish; LS, tan, ool, scattered porosity (barren); LS, tan, cream, few ool; chalky/cherty (dense); LS, white, tan, ool, foss, fair visible porosity, no shows; LS, white, gry, fxl, scattered p.p. porosity, brown/black stain, sfo, faint odor; LS, white, fxl, chalky, fair inxln / vuggy porosity, tr. brown stain, nsfo, no odor; LS, tan, cream, fxl, few ool, slightly oom, cherty in part, plus white, gry, boney chert; LS, white, tan, cream, fxl, dense, no shows; Muncie Creek 3992.0 (-1274.0) Black carb shale; LS, white, fxl, few slightly ool, chalky in part, fine inxln type porosity, spotty brown stain, sfo, odor in broken samples; Black carb shale; LS, white, gry, ool, few chalky, fair - good porosity, fair stain, sfo, faint odor; LS, white, foss in part, slightly ool, sub oom, poor-fair porosity, brown/golden brown stain, sfo, faint/odor; Stark 4082.0 (-1364.0) Slug of black carb; LS, white, cream, fxl, gran., few foss, "crumbly", chalky in part, light brown stain, tr. fo, no odor; Tr. white, chert; Hushpuckney 4118.0 (-1400.0) Black carb shale; LS, white, gry, foss/ool, fair porosity; brown stain, sfo, odor in broken samples; Base Kansas City 4148.0 (-1430.0) Black carb shale; LS, brown, cherty (dense) tr. pyrite; Black carb shale; Marmaton 4198.0 (-1480.0) LS, tan, white, slightly ool, chalky, poor visible porosity; LS, gry, white, foss in part, chalky in part, scatt vuggy type porosity, light brown/ dk brown spity stain, weak sfo, no odor; LS, white, cream, fxl, ool in pts, chalky, poor visible porosity, poor/fair brown stain, tr. fo, no odor; Sh, gry, black shale; Pawnee 4258.0 (-1540.0) LS, tan, foss, ool, slightly cherty (dense) poor visible porosity, no shows; Tr. white/gry cherts; LS, gry, tan, chalky, few shaley; Slug black carb sh; Myrick Station 4302.0 (-1583.0) LS, tan, foss, dense, poor visible porosity; Slug black carb Sh; Ft. Scott 4338.0 (-1620.0) LS, tan, foss, dense, no shows; Tr. black shale; LS, tan, foss, dense, poor visible porosity, no shows, tr. white chert; Cherokee Shale 4365.0 (-1647.0) Black carb shale; Tr. black carb shale; LS, white, gry, mottled, foss/ool, shale pellet inclusions, poor visible porosity, no shows; Tr. black carb shale; LS, white, gry, chalky, poor visible porosity, plus tan cherts; Chert, amber, yellow, opaque, tr. loose unconsolidated sd. grains, plus white vfg, cal. sd, no shows, few dolomitic; Tr. orange amber trans. chert; Miss 4435.0 (-1717.0) Dol. tan, gry, fxl, suc. fair-good vuggy porosity, slightly cherty, good dk brown stain/ sat. good sfo, faint-fair odor; Dolomite, aa, fair visible porosity, fair stain/sat. sfo, odor; Dol. tan, gry, buff, fxl, suc. good vuggy porosity, brown/black tarry stain, sfo, faint odor; Dol. white, cream, fxl, suc. poor visible porosity, no shows, tr. yellow and green shale; Miss. Warsaw 4492.0 (-1774.0) LS, white, gry, dolomitic; LS, white, f-med xln, few foss, chalky, tr. white, foss cherts; LS, tan, ool, dense, tr. white, chalk, tr. gray & opaque cherts; Miss. Osage 4523.0 (-1805.0) Tr. gry, white, foss, chert, plus green tinted cherts; Tr. white qtz, clear plus white, slightly cherty, (dense) dol.; Dol. gry mottled; Ditto a/a tr. glauc/ dolomite; Miss. Gilmore City ??? 4574.0 (-1856.0) LS, white, gry, f-med xln, ool, chalky (dense); Tr. sd, white, vfg, qtz, friable, no shows & tr. white, glauc. dolomite as above (cavings??); RTD 4590.0 (-1872.0) LTD 4590.0 (-1872.0)

Table with columns for Total Gas (units), C1 (units), C2 (units), C3 (units), C4 (units). Includes DST#1 3916-3940, DST#2 3985-4057, DST#3 3985-4057, DST#4 4420-4445. Recovery percentages and pressures (ISIP, FSIP, IFFP, HSH) are listed for each DST.