

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	Dexxon, Inc.
Well Name	REDWOOD ROYALTY 1
Doc ID	1430758

Tops

Name	Top	Datum
Tarkio	2430	KB
Howard	2705	KB
Topeka	2893	KB
Heebner	3239	KB
Toronto	3333	KB
Lansing	3789	KB
Kansas City	3813	KB
Mississippian	4303	KB
Kinderhook	4540	KB
Woodford	4619	KB
Simpson Dolomite	4652	KB
Simpson Sandstone	4684	KB

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report

Ticket No. **4071**
 Foreman Rick Ledford
 Camp Eureka KS

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-18-18		Redwood Royalty #1	29	31	7	Harper	Ks
Customer <u>Dexxon Inc.</u>		Safety Meeting OL AP ZA	Unit #	Driver		Unit #	Driver
Mailing Address <u>P.O. Box 348</u>			104	<u>Alan M.</u>			
City <u>Kieffer</u>		State <u>OK</u>	Zip Code <u>74071</u>				

Job Type surface Hole Depth 260' K.B. Slurry Vol. 35 Bbl Tubing _____
 Casing Depth 260' K.B. Hole Size 12 1/4" Slurry Wt. 14.8"-15.00" Drill Pipe _____
 Casing Size & Wt. 9 5/8" 36# Cement Left in Casing 15 +/- Water Gal/SK 6.5 Other _____
 Displacement 19 1/4 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety meeting - Rig up to 9 5/8" casing. Break circulation w/ fresh water. Mixed 125 sks 60/40 Pozmix cement w/ 3% cacl2, 2% gel + 1/4" floccul/sk @ 14.8' / gal. Displace w/ 19 1/4 Bbl water shut casing in w/ good cement returns to surface = 8 Bbl slurry to pit. Job complete. Rig down.

"Thank You"

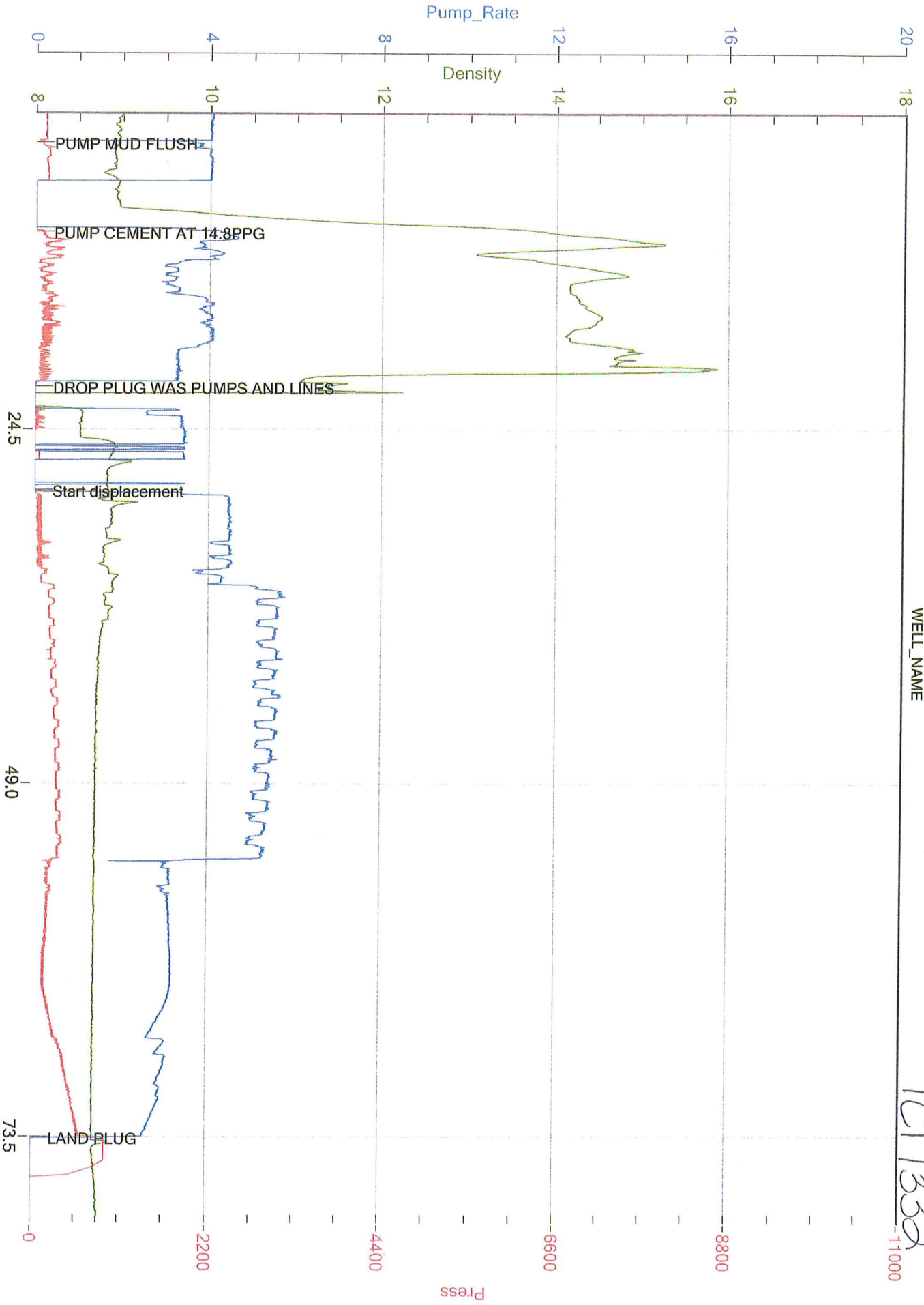
Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	840.00	840.00
C107	100	Mileage	3.95	395.00
C203	125 sks	60/40 Pozmix cement	12.75	1593.75
C205	325#	3% cacl2	.60	195.00
C206	215#	2% gel	.20	43.00
C209	30#	1/4" floccul/sk	2.25	67.50
C108B	5.38	for mileage bus tax	1.35	726.30
			Subtotal	3860.55
			Sales Tax	

Authorization [Signature] Title _____ Total _____

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

Dexxon
WELL_NAME

1CT1332





DRILL STEM TEST REPORT

Prepared For: **Dexxon Inc**

PO Box 348
Kiefer, OK 74041

ATTN: Gary Pilgrim

Redwood Royalty #1

29-31S-7W Harper,KS

Start Date: 2018.08.25 @ 13:42:12

End Date: 2018.08.25 @ 21:06:14

Job Ticket #: 63959 DST #: 1

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

Printed: 2018.08.29 @ 10:43:45

Dexxon Inc
29-31S-7W Harper,KS
Redwood Royalty #1
DST # 1
Mississippi
2018.08.25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dexxon Inc
PO Box 348
Kiefer, OK 74041
ATTN: Gary Pilgrim

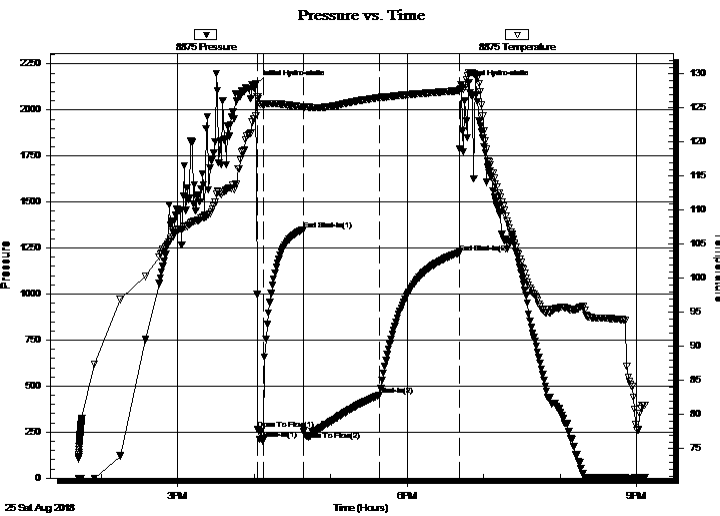
29-31S-7W Harper,KS
Redwood Royalty #1
Job Ticket: 63959 **DST#: 1**
Test Start: 2018.08.25 @ 13:42:12

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:02:44
Time Test Ended: 21:06:14
Interval: **4310.00 ft (KB) To 4330.00 ft (KB) (TVD)**
Total Depth: 4330.00 ft (KB) (TVD)
Hole Diameter: 8.75 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74
Reference Elevations: 1514.00 ft (KB)
1501.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8875 **Inside**
Press@RunDepth: 451.10 psig @ 4311.00 ft (KB) Capacity: psig
Start Date: 2018.08.25 End Date: 2018.08.25 Last Calib.: 2018.08.25
Start Time: 13:42:13 End Time: 21:06:14 Time On Btm: 2018.08.25 @ 16:01:14
Time Off Btm: 2018.08.25 @ 18:42:14

TEST COMMENT: IF: Strong Blow , BOB in 90 seconds, Built to 257"
IS: No Blow Back
FF: Strong Blow , BOB in 30 second, GTS in 13 minutes, Gauged & Caught Sample
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2139.80	123.87	Initial Hydro-static
2	265.68	126.61	Open To Flow (1)
7	213.48	125.53	Shut-In(1)
38	1350.50	125.15	End Shut-In(1)
38	254.41	125.00	Open To Flow (2)
98	451.10	126.55	Shut-In(2)
160	1225.73	127.59	End Shut-In(2)
161	2136.81	127.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
310.00	Water	2.72
300.00	GWCM 5%G 5%W 90%M	4.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	12.00	9.88
Last Gas Rate	0.13	34.00	18.11
Max. Gas Rate	0.13	34.00	18.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dexxon Inc
PO Box 348
Kiefer, OK 74041
ATTN: Gary Pilgrim

29-31S-7W Harper,KS
Redwood Royalty #1
Job Ticket: 63959 **DST#: 1**
Test Start: 2018.08.25 @ 13:42:12

Tool Information

Drill Pipe:	Length: 4121.00 ft	Diameter: 3.80 inches	Volume: 57.81 bbl	Tool Weight: 2100.00 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume: 58.69 bbl		Tool Chased ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4310.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 8.00 inches		

Tool Comments: 8 inch Packers

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4289.00	
Hydraulic tool	5.00			4294.00	
Jars	5.00			4299.00	
Safety Joint	2.00			4301.00	
Packer	5.00			4306.00	26.00 Bottom Of Top Packer
Packer	4.00			4310.00	
Stubb	1.00			4311.00	
Recorder	0.00	8875	Inside	4311.00	
Recorder	0.00	6749	Outside	4311.00	
Perforations	16.00			4327.00	
Bullnose	3.00			4330.00	20.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dexxon Inc
PO Box 348
Kiefer, OK 74041
ATTN: Gary Pilgrim

29-31S-7W Harper,KS
Redwood Royalty #1
Job Ticket: 63959 **DST#: 1**
Test Start: 2018.08.25 @ 13:42:12

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:	82000 ppm
Viscosity: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
310.00	Water	2.718
300.00	GWCM 5%G 5%W 90%M	4.208

Total Length: 610.00 ft Total Volume: 6.926 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .085 @ 80 degrees



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Dexxon Inc

29-31S-7W Harper,KS

PO Box 348
Kiefer, OK 74041

Redwood Royalty #1

Job Ticket: 63959

DST#: 1

ATTN: Gary Pilgrim

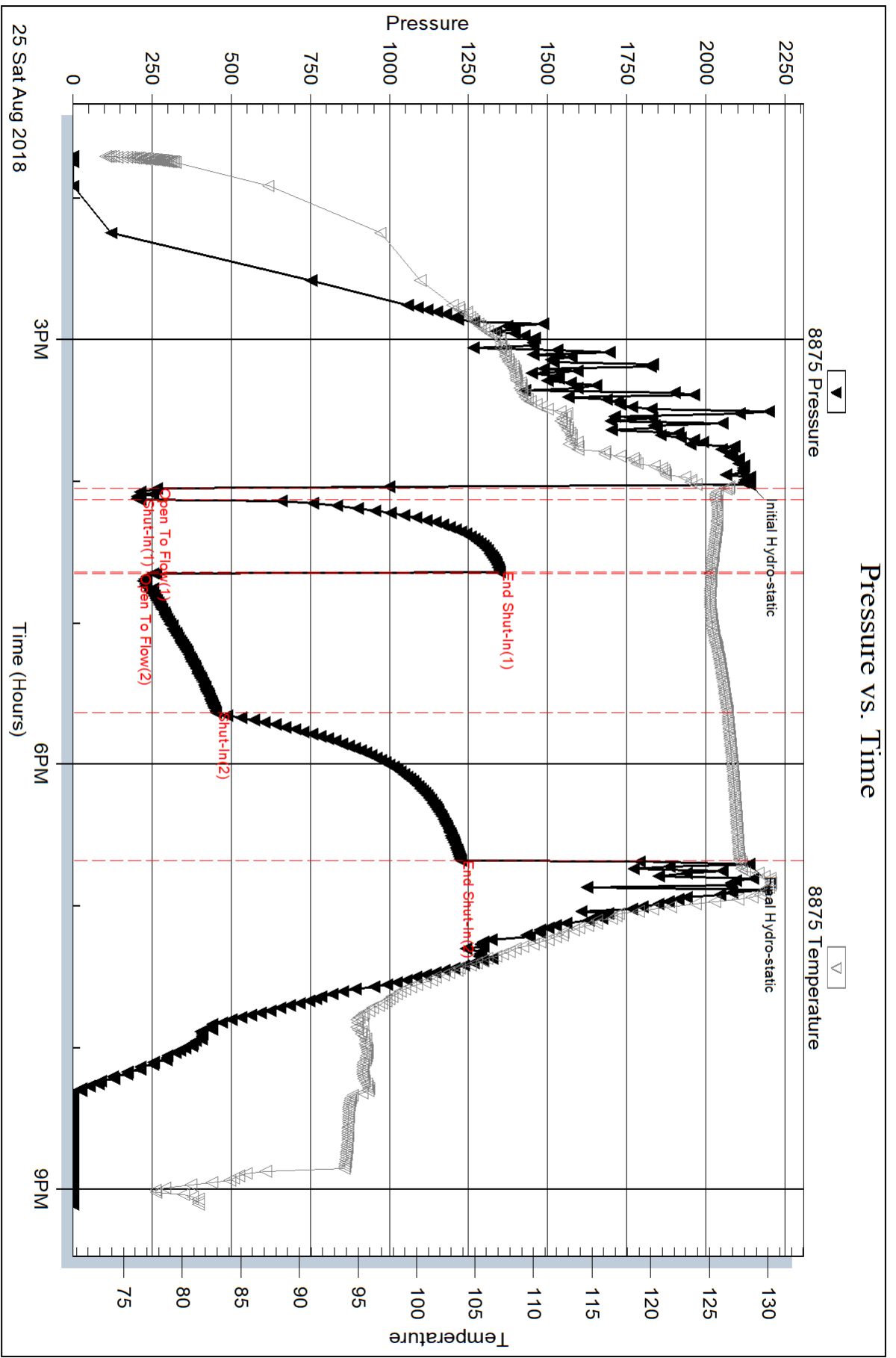
Test Start: 2018.08.25 @ 13:42:12

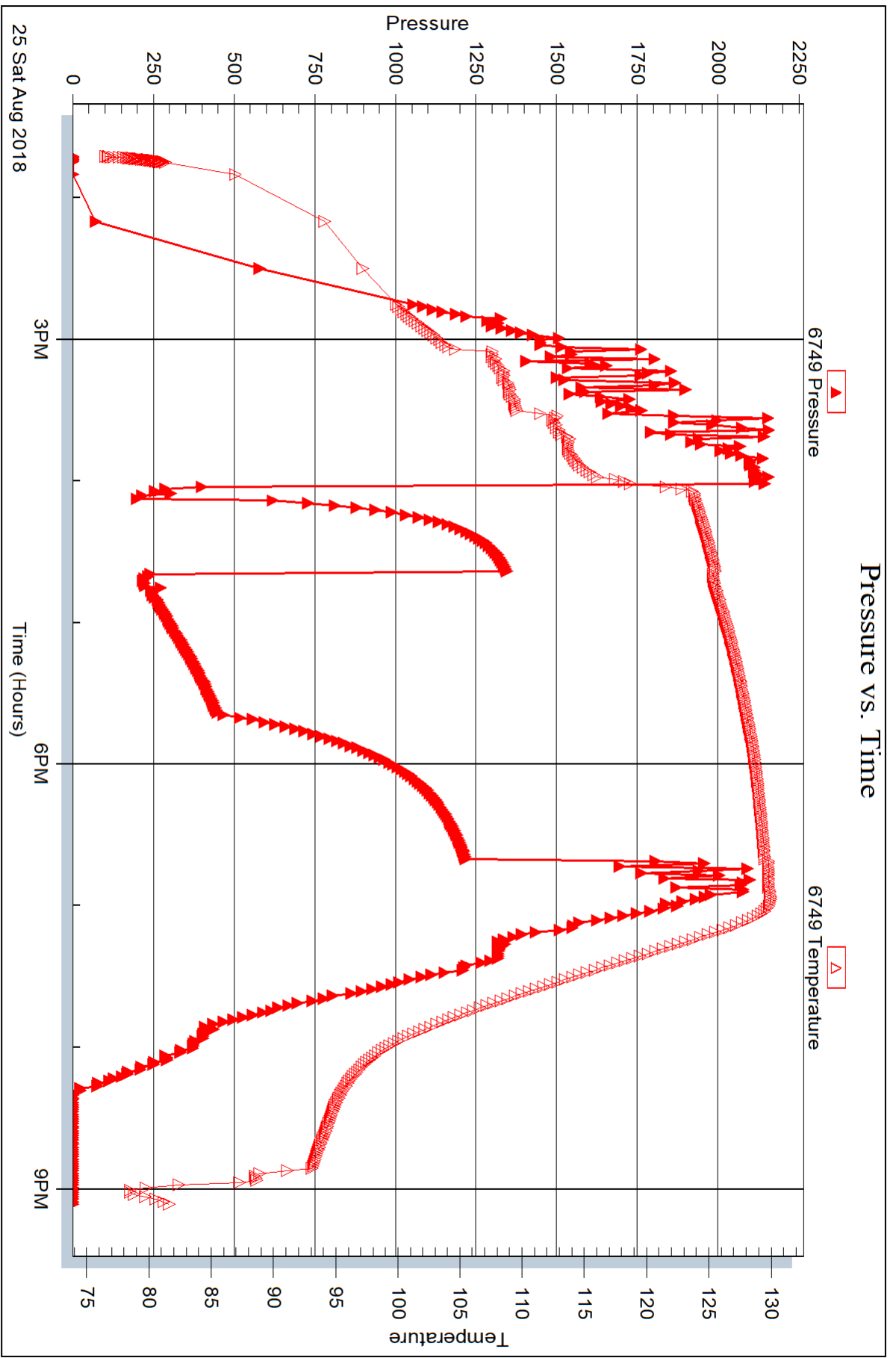
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	30	0.13	12.00	9.88
2	40	0.13	25.00	14.75
2	50	0.13	30.00	16.62
2	60	0.13	34.00	18.11







DRILL STEM TEST REPORT

Prepared For: **Dexxon Inc**

PO Box 348
Kiefer, OK 74041

ATTN: Gary Pilgrim

Redwood Royalty #1

29-31S-7W Harper,KS

Start Date: 2018.08.26 @ 13:41:00

End Date: 2018.08.26 @ 19:49:02

Job Ticket #: 63960 DST #: 2

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

Printed: 2018.08.29 @ 10:45:49



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dexxon Inc
 PO Box 348
 Kiefer, OK 74041
 ATTN: Gary Pilgrim

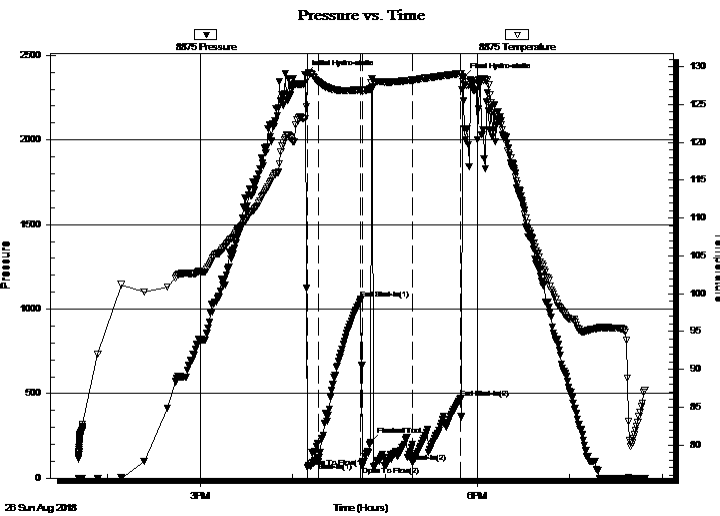
29-31S-7W Harper,KS
Redwood Royalty #1
 Job Ticket: 63960 **DST#: 2**
 Test Start: 2018.08.26 @ 13:41:00

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:09:32
 Time Test Ended: 19:49:02
 Interval: **4645.00 ft (KB) To 4655.00 ft (KB) (TVD)**
 Total Depth: 4655.00 ft (KB) (TVD)
 Hole Diameter: 8.75 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 1514.00 ft (KB)
 1501.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8875 Inside
 Press@RunDepth: 95.07 psig @ 4646.00 ft (KB) Capacity: psig
 Start Date: 2018.08.26 End Date: 2018.08.26 Last Calib.: 2018.08.26
 Start Time: 13:41:01 End Time: 19:49:02 Time On Btm: 2018.08.26 @ 16:08:02
 Time Off Btm: 2018.08.26 @ 17:50:32

TEST COMMENT: IF: Weak Blow , Built to 2.25"
 IS: No Blow Back
 FF: No Blow , Flushed Tool, No Blow
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2387.16	123.16	Initial Hydro-static
2	62.71	128.45	Open To Flow (1)
9	96.65	127.91	Shut-In(1)
37	1056.77	126.94	End Shut-In(1)
38	71.27	126.84	Open To Flow (2)
43	211.44	127.08	Flushed Tool
70	95.07	128.24	Shut-In(2)
101	471.31	129.11	End Shut-In(2)
103	2366.13	128.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SGCM 2%G 98%M	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dexxon Inc
PO Box 348
Kiefer, OK 74041
ATTN: Gary Pilgrim

29-31S-7W Harper,KS
Redwood Royalty #1
Job Ticket: 63960 **DST#: 2**
Test Start: 2018.08.26 @ 13:41:00

Tool Information

Drill Pipe:	Length: 4464.00 ft	Diameter: 3.80 inches	Volume: 62.62 bbl	Tool Weight: 2100.00 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 63.50 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4645.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 8.00 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4624.00	
Hydraulic tool	5.00			4629.00	
Jars	5.00			4634.00	
Safety Joint	2.00			4636.00	
Packer	5.00			4641.00	26.00 Bottom Of Top Packer
Packer	4.00			4645.00	
Stubb	1.00			4646.00	
Recorder	0.00	8875	Inside	4646.00	
Recorder	0.00	6749	Outside	4646.00	
Perforations	6.00			4652.00	
Bullnose	3.00			4655.00	10.00 Bottom Packers & Anchor

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dexxon Inc
PO Box 348
Kiefer, OK 74041
ATTN: Gary Pilgrim

29-31S-7W Harper,KS
Redwood Royalty #1
Job Ticket: 63960 **DST#: 2**
Test Start: 2018.08.26 @ 13:41:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 0.02 inches			

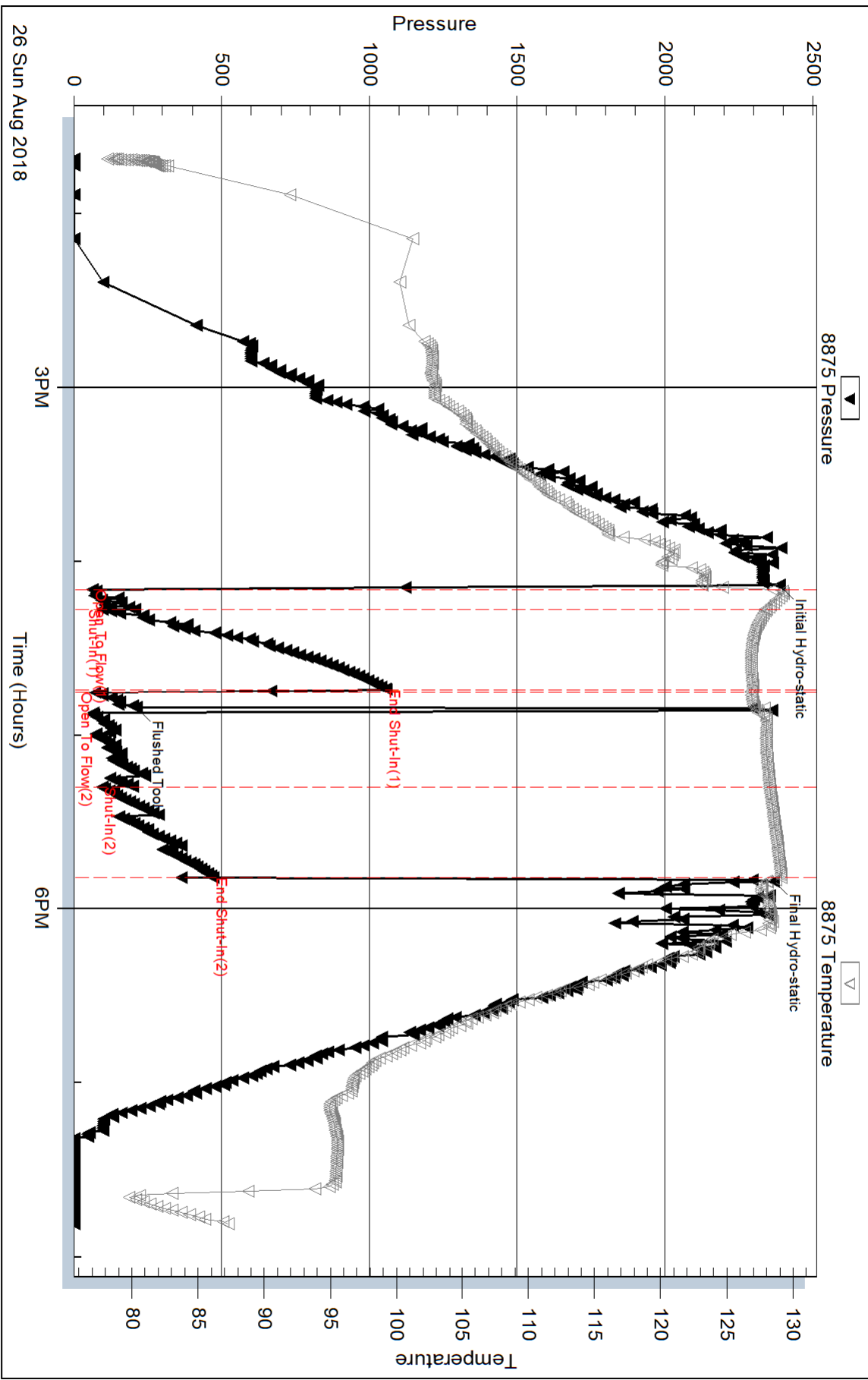
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SGCM 2%G 98%M	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time

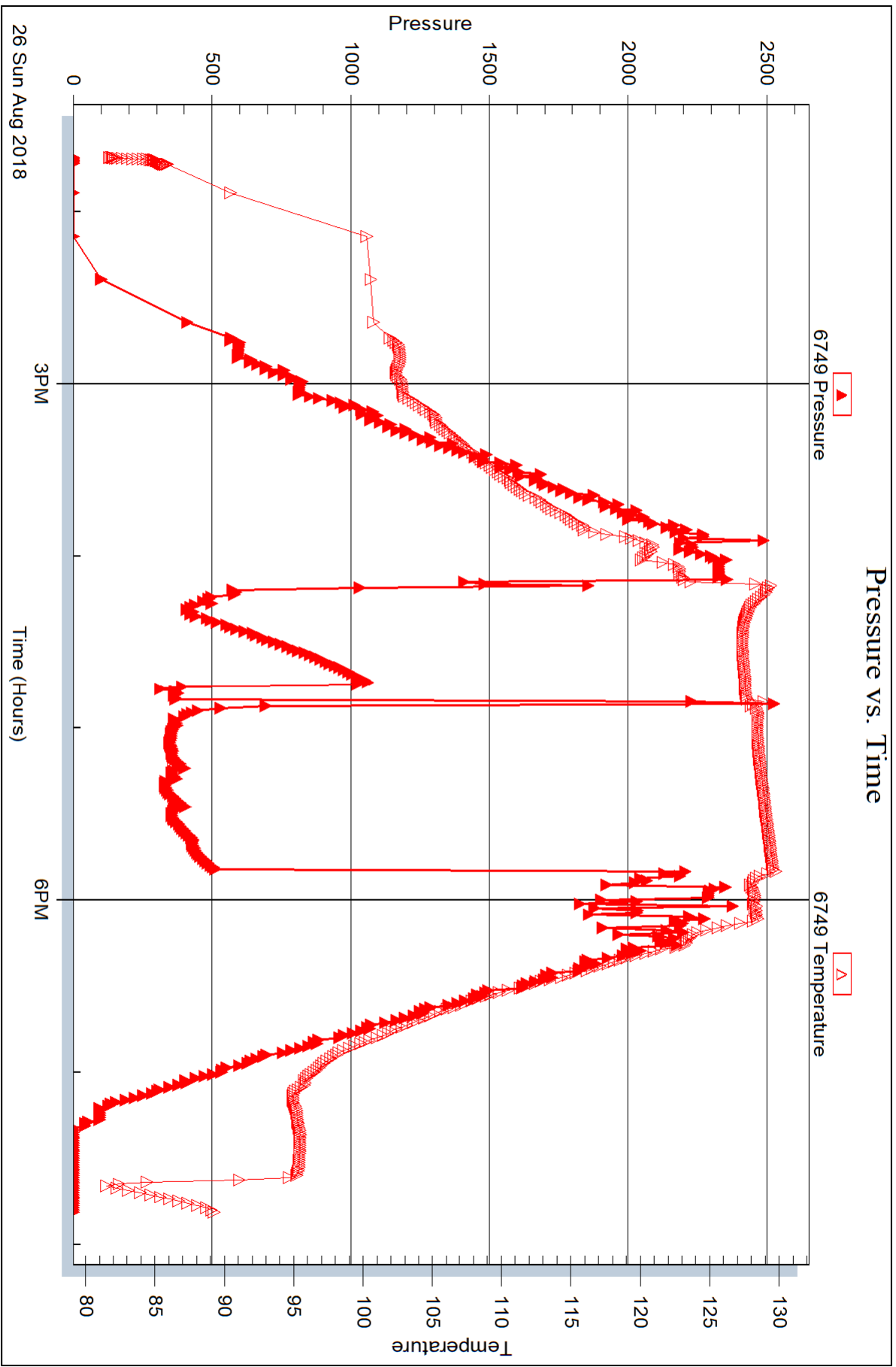


Serial #: 6749

Outside Dexxon Inc

Redwood Royalty #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Dexxon Inc**

PO Box 348
Kiefer, OK 74041

ATTN: Gary Pilgrim

Redwood Royalty #1

29-31S-7W Harper,KS

Start Date: 2018.08.27 @ 07:25:59

End Date: 2018.08.27 @ 16:49:46

Job Ticket #: 63961 DST #: 3

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

Printed: 2018.08.29 @ 10:45:23



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dexxon Inc
 PO Box 348
 Kiefer, OK 74041
 ATTN: Gary Pilgrim

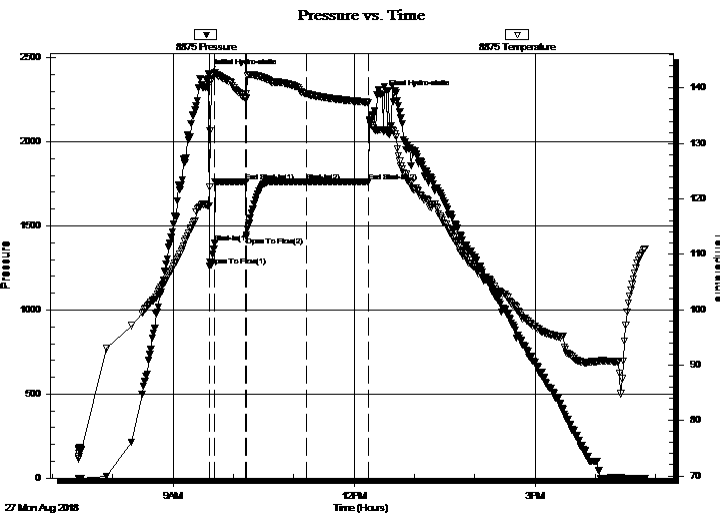
29-31S-7W Harper, KS
Redwood Royalty #1
 Job Ticket: 63961 **DST#: 3**
 Test Start: 2018.08.27 @ 07:25:59

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 09:36:31 Tester: Leal Cason
 Time Test Ended: 16:49:46 Unit No: 74
 Interval: **4645.00 ft (KB) To 4675.00 ft (KB) (TVD)** Reference Elevations: 1514.00 ft (KB)
 Total Depth: 4675.00 ft (KB) (TVD) 1501.00 ft (CF)
 Hole Diameter: 8.75 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 8875 Inside
 Press@RunDepth: 1761.95 psig @ 4646.00 ft (KB) Capacity: psig
 Start Date: 2018.08.27 End Date: 2018.08.27 Last Calib.: 2018.08.27
 Start Time: 07:26:00 End Time: 16:49:46 Time On Btm: 2018.08.27 @ 09:35:16
 Time Off Btm: 2018.08.27 @ 12:28:01

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, Built to 195"
 IS: No Blow Back
 FF: Strong Blow , BOB in 30 seconds, Built to 481", Died Off to 265"
 FS: Blow Back Built to 17"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2406.88	118.75	Initial Hydro-static
2	1260.84	122.13	Open To Flow (1)
7	1397.18	142.69	Shut-In(1)
37	1761.59	138.19	End Shut-In(1)
38	1435.93	138.06	Open To Flow (2)
98	1761.95	138.94	Shut-In(2)
160	1762.31	137.38	End Shut-In(2)
173	2279.01	132.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2646.00	GSY Water 10%G 90%W	35.49
630.00	GMCW 20%G 15%M 65%W	8.84
504.00	GOMCW 20%G 2%O 20%M 58%W	7.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dexxon Inc
PO Box 348
Kiefer, OK 74041
ATTN: Gary Pilgrim

29-31S-7W Harper,KS
Redwood Royalty #1
Job Ticket: 63961 **DST#: 3**
Test Start: 2018.08.27 @ 07:25:59

Tool Information

Drill Pipe:	Length: 4463.00 ft	Diameter: 3.80 inches	Volume: 62.60 bbl	Tool Weight: 2100.00 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 12000.00 lb
		Total Volume: 63.48 bbl		Tool Chased ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4645.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 8.00 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4624.00	
Hydraulic tool	5.00			4629.00	
Jars	5.00			4634.00	
Safety Joint	2.00			4636.00	
Packer	5.00			4641.00	26.00 Bottom Of Top Packer
Packer	4.00			4645.00	
Stubb	1.00			4646.00	
Recorder	0.00	8875	Inside	4646.00	
Recorder	0.00	6749	Outside	4646.00	
Perforations	26.00			4672.00	
Bullnose	3.00			4675.00	30.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dexxon Inc
PO Box 348
Kiefer, OK 74041
ATTN: Gary Pilgrim

29-31S-7W Harper,KS
Redwood Royalty #1
Job Ticket: 63961 **DST#: 3**
Test Start: 2018.08.27 @ 07:25:59

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:	88000 ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 0.02 inches			

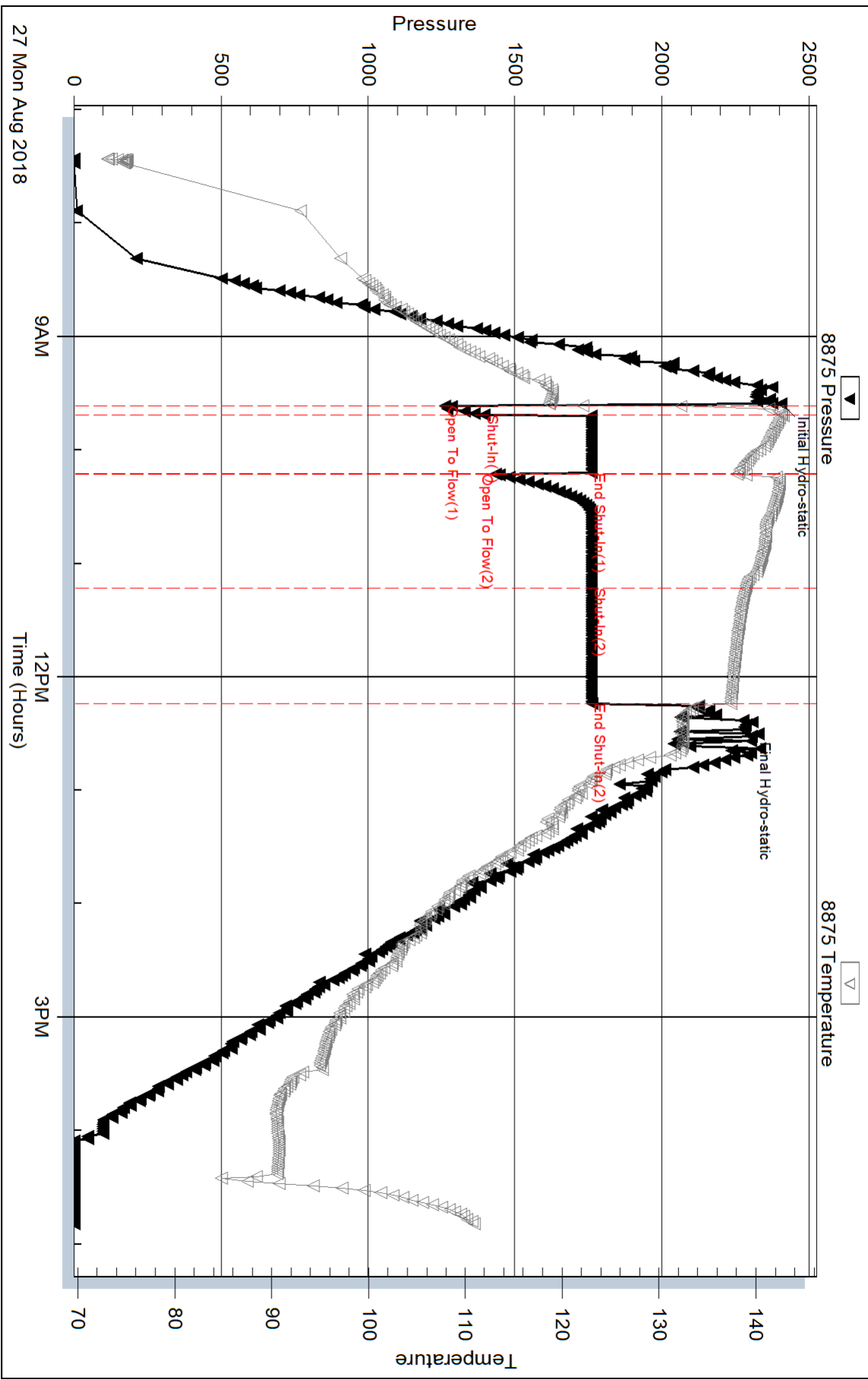
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2646.00	GSY Water 10%G 90%W	35.486
630.00	GMCW 20%G 15%M 65%W	8.837
504.00	GOMCW 20%G 2%O 20%M 58%W	7.070

Total Length: 3780.00 ft Total Volume: 51.393 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW w as .07 @ 89 degrees

Pressure vs. Time

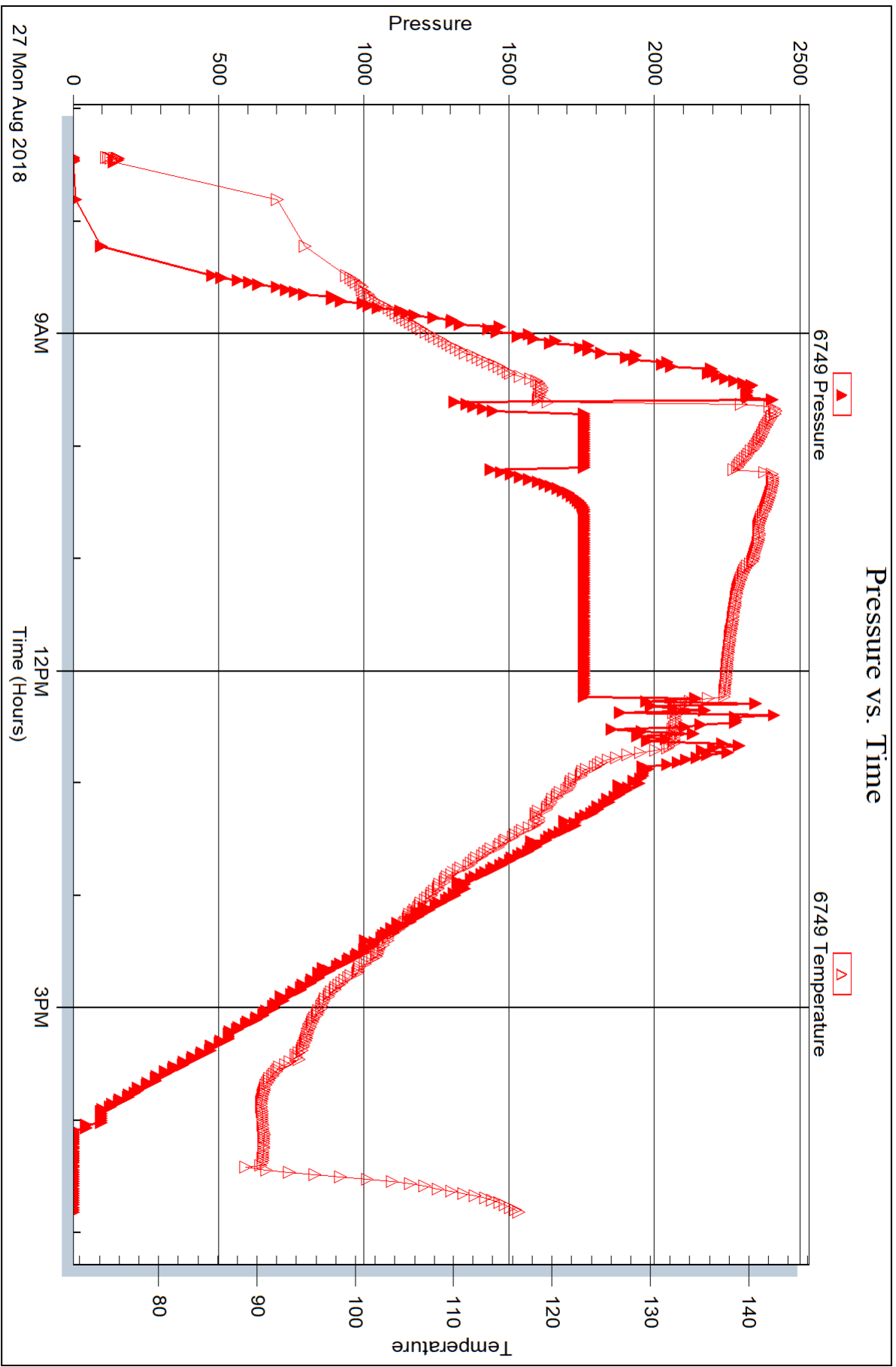


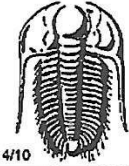
Serial #: 6749

Outside Dexxon Inc

Redwood Royalty #1

DST Test Number: 3





TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63959

Well Name & No. 1 Redwood Royalty Test No. 1 Date 08/25/18
 Company Dexon Inc Elevation 1514 KB 1501 GL
 Address Po Box 348 Kiefer OK 74041
 Co. Rep/Geo. Gary Pilgrim Rig Duke 7
 Location: Sec. 29 Twp 31S Rge. 7W Co. Harper State Ks

Interval Tested 4310 - 4330 Zone Tested Mississippi
 Anchor Length 20 Drill Pipe Run 4121 Mud Wt. 9.2
 Top Packer Depth 4305 Drill Collars Run 179 Vis 68
 Bottom Packer Depth 4310 Wt. Pipe Run 0 WL 8.8
 Total Depth 4330 Chlorides 2000 ppm System LCM 2

Blow Description IF-Strong Blow, BOB in 90 seconds, Built to 257 inches
ISF: no Blow Back

FF-Strong Blow, BOB in 30 seconds, GTS in 13 minutes, gauged & caught sample
FSF: no Blow Back

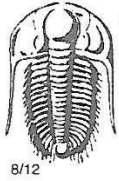
Rec	Feet of	%gas	%oil	%water	%mud
<u>3690</u>	<u>GIP</u>				
<u>300</u>	<u>M GCMW</u>	<u>5</u>		<u>5</u>	<u>90</u>
<u>310</u>	<u>water</u>				

Rec Total 610 BHT 127 Gravity NIC API RW 085 @ 80 °F Chlorides 83000 ppm

(A) Initial Hydrostatic	<u>2140</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>13:00</u>
(B) First Initial Flow	<u>266</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>13:42</u>
(C) First Final Flow	<u>213</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>16:02</u>
(D) Initial Shut-In	<u>1350</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>18:40</u>
(E) Second Initial Flow	<u>254</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>21:06</u>
(F) Second Final Flow	<u>451</u>	<input checked="" type="checkbox"/> Mileage	<u>(130)</u> 130	Comments	<u>2 3/4 Hole</u>
(G) Final Shut-In	<u>1226</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2137</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open	<u>5</u>	<input checked="" type="checkbox"/> Extra Packer	<u>8" packers</u>	<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Recorder	<u>500</u>	<input type="checkbox"/> Extra Copies	
Final Flow	<u>60</u>	<input type="checkbox"/> Day Standby		Sub Total	<u>0</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Accessibility		Total	<u>2105</u>
		Sub Total	<u>2105</u>	MP/DST Disc't	<input checked="" type="checkbox"/>

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

Gas Volume Report

Dexxon

INC

Operator

1 Redwood Royalty

Well Name and No.

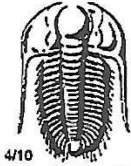
1

DST No.

GTS - 13 minutes

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
				30	12	1/8	9.52
				40	25	1/8	13.99
				50	30	1/8	15.62
				60	34	1/8	17.026

Remarks:



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63960**

Well Name & No. 1 Redwood Royalty Test No. 2 Date 08/26/18
 Company Dexxon Inc Elevation 1514 KB 1501 GL
 Address Po Box 348 Kiefer OK 74041
 Co. Rep/Geo. Gary Pilgrim Rig Duke 7
 Location: Sec. 29 Twp 315 Rge. 7W Co. Harper State KS

Interval Tested 4645 - 4655 Zone Tested Simpson
 Anchor Length 10 Drill Pipe Run 4464 Mud Wt. 9.4
 Top Packer Depth 4640 Drill Collars Run 179 Vis 48
 Bottom Packer Depth 4645 Wt. Pipe Run 0 WL 8.8
 Total Depth 4655 Chlorides 3000 ppm System LCM 2

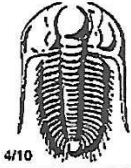
Blow Description IF: Weak Blow, Built to 2 1/4 inches
LSF: No Blow Back
FF: No Blow, Flushed Tool, No Blow
FSI: No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>56CM</u>	<u>2</u>		<u>98</u>	
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 129 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm
 (A) Initial Hydrostatic 2387 Test 1150 T-On Location 13:00
 (B) First Initial Flow 63 Jars 250 T-Started 13:41
 (C) First Final Flow 97 Safety Joint 75 T-Open 16:09
 (D) Initial Shut-In 1056 Circ Sub _____ T-Pulled 17:49
 (E) Second Initial Flow 71 Hourly Standby _____ T-Out 19:49
 (F) Second Final Flow 95 Mileage (130) 130 Comments 8 3/4 hole
 (G) Final Shut-In 471 Sampler _____
 (H) Final Hydrostatic 2366 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer 8" packer Extra Copies _____
 Extra Recorder 500 Sub Total 0
 Day Standby _____ Total 2105
 Accessibility _____ MP/DST Disc't
 Sub Total 2105

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63961**

Well Name & No. 1 Redwood Royalty Test No. 3 Date 08/26/18
 Company Dexon Inc Elevation 1514 KB 1501 GL
 Address PO Box 348 Kiefer OK 74041
 Co. Rep/Geo. Gary Pilgrim Rig Duke 7
 Location: Sec. 29 Twp 31S Rge. 7W Co. Harper State KS

Interval Tested 4645 - 4675 Zone Tested Simpson
 Anchor Length 30 Drill Pipe Run 4463 Mud Wt. 9.2
 Top Packer Depth 4640 Drill Collars Run 179 Vis 61
 Bottom Packer Depth 4645 Wt. Pipe Run 0 WL 8.8
 Total Depth 4675 Chlorides 3000 ppm System LCM 2

Blow Description IF: Strong Blow, BOB in 30 seconds, Built to 195 inches
IST: NO Blow Back

EFI: Strong Blow, BOB in 30 seconds, Built to 491 inches, Died off to 265 inches
FST: Blow Back Built to 17 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>504</u>	<u>GOMCW</u>	<u>20</u>	<u>2</u>	<u>58</u>	<u>20</u>
<u>630</u>	<u>GMCW</u>	<u>20</u>	<u>%oil</u>	<u>65</u>	<u>15</u>
<u>2646</u>	<u>GSY water</u>	<u>10</u>	<u>%oil</u>	<u>90</u>	<u>%mud</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3780 BHT 137 Gravity N/C API RW .07 @ 89 °F Chlorides 28000 ppm

(A) Initial Hydrostatic <u>2407</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>07:00</u>
(B) First Initial Flow <u>1261</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>07:25</u>
(C) First Final Flow <u>1397</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:36</u>
(D) Initial Shut-In <u>1762</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>12:14</u>
(E) Second Initial Flow <u>1436</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:49</u>
(F) Second Final Flow <u>1761</u>	<input checked="" type="checkbox"/> Mileage <u>(130)</u> 130	Comments <u>8 3/4 HoIP</u>
(G) Final Shut-In <u>1762</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2279</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>5</u>	<input checked="" type="checkbox"/> Extra Packer <u>8" packers</u>	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder <u>500</u>	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>2105</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't <input checked="" type="checkbox"/>
	Sub Total <u>2105</u>	

Approved By _____ Our Representative [Signature]

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