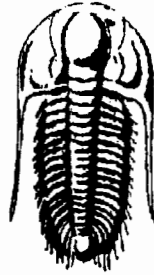


15-195-22543

29-13s-22w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

29 13S 22W Trego KS

Elliott ' AF ' # 1-29

Start Date: 2008.05.18 @ 10:12:45

End Date: 2008.05.18 @ 18:46:45

Job Ticket #: 31988 DST #: 1

29-13s-22w
Trego Co.

CONFIDENTIAL
AUG 20 2008
KCS

Pintail Petroleum

Elliott ' AF ' # 1-29

29 13S 22W Trego KS

DST # 1

LKC

2008.05.18

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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KANSAS CORPORATION COMMISSION
AUG 21 2008
CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum
225 N Market Ste 300
Wichita KS 67202
ATTN: Flip Phillips

Elliott ' AF ' # 1-29
29 13S 22W Trego KS
Job Ticket: 31988 **DST#: 1**
Test Start: 2008.05.18 @ 10:12:45

Tool Information

Drill Pipe:	Length: 3750.00 ft	Diameter: 3.82 inches	Volume: 53.16 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:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 53.16 bbl</u>	Tool Chased	10.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3760.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	90.00 ft				
Tool Length:	110.00 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			3741.00	
Shut In Tool	5.00			3746.00	
Hydraulic tool	5.00			3751.00	
Packer	4.00			3755.00	20.00 Bottom Of Top Packer
Packer	5.00			3760.00	
Stubb	1.00			3761.00	
Perforations	2.00			3763.00	
Change Over Sub	1.00			3764.00	
Recorder	0.00	8369	Inside	3764.00	
Recorder	0.00	6669	Outside	3764.00	
Blank Spacing	62.00			3826.00	
Change Over Sub	1.00			3827.00	
Perforations	20.00			3847.00	
Bullnose	3.00			3850.00	90.00 Bottom Packers & Anchor
Total Tool Length:	110.00				

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CONSERVATION DIVISION
WICHITA KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum
225 N Market Ste 300
Wichita KS 67202
ATTN: Flip Phillips

Elliott ' AF ' # 1-29
29 13S 22W Trego KS
Job Ticket: 31988 **DST#: 1**
Test Start: 2008.05.18 @ 10:12:45

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:	75000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

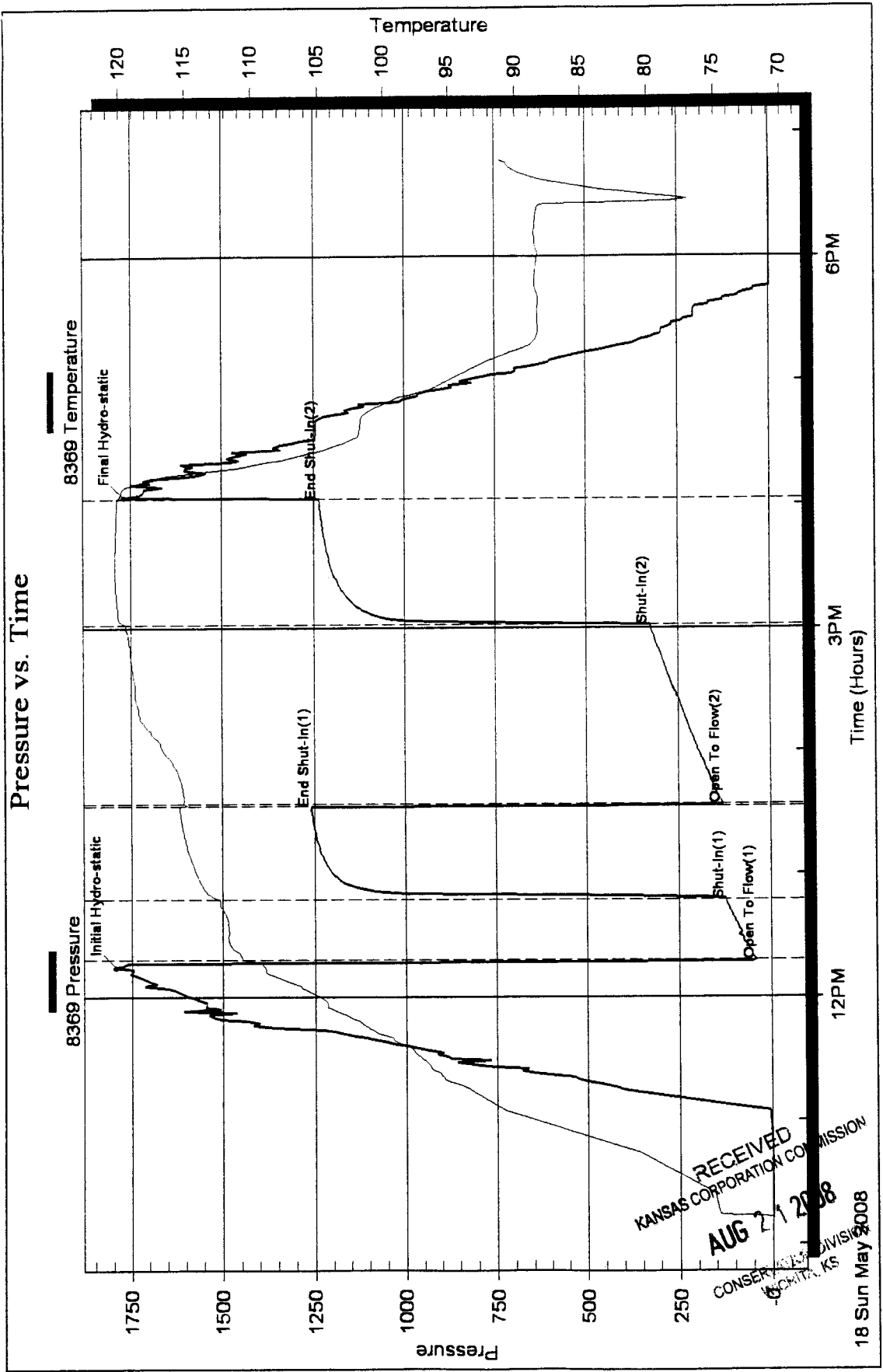
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
560.00	MWshow of heavy O	7.938
100.00	Mud	1.418

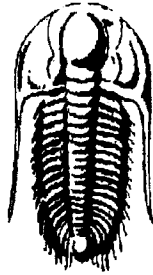
Total Length: 660.00 ft Total Volume: 9.356 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .07 @ 98 deg.

Pressure vs. Time



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 TOPEKA, KS

18 Sun May 2008



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

29 13S 22W Trego KS

Elliott ' AF ' # 1-29

Start Date: 2008.05.19 @ 11:42:31

End Date: 2008.05.19 @ 20:14:01

Job Ticket #: 30394 DST #: 2

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WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Pintail Petroleum

Elliott ' AF ' # 1-29

29 13S 22W Trego KS

DST # 2

L.K.C.

2008.05.19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pintail Petroleum
225 N Market Ste 300
Wichita KS 67202
ATTN: Flip Phillips

Elliott ' AF ' # 1-29
29 13S 22W Trego KS
Job Ticket: 30394 **DST#: 2**
Test Start: 2008.05.19 @ 11:42:31

GENERAL INFORMATION:

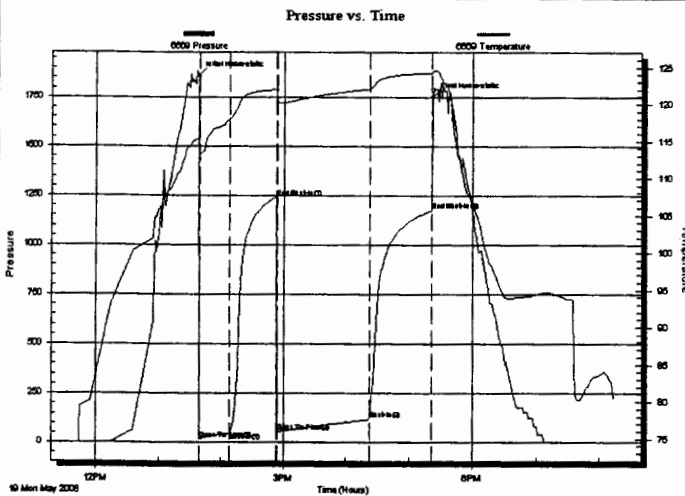
Formation: **L.Kc.**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 13:39:01
Time Test Ended: 20:14:01
Interval: **3920.00 ft (KB) To 4000.00 ft (KB) (TVD)**
Total Depth: 4000.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2373.00 ft (KB)
2368.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6669

Outside

Press@RunDepth: 116.32 psig @ 3924.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.05.19 End Date: 2008.05.19 Last Calib.: 2008.05.19
Start Time: 11:42:36 End Time: 20:14:00 Time On Btm: 2008.05.19 @ 13:38:01
Time Off Btm: 2008.05.19 @ 17:22:31

TEST COMMENT: IF Strong BOB in 16 min.
ISI Dead
FF Strong BOB in 10 min.
FSI Weak built to 1 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1859.39	115.38	Initial Hydro-static
1	17.99	113.28	Open To Flow (1)
30	47.20	118.02	Shut-in(1)
75	1241.04	121.94	End Shut-in(1)
76	54.04	120.31	Open To Flow (2)
164	116.32	122.04	Shut-in(2)
224	1175.09	124.24	End Shut-in(2)
225	1751.93	124.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
155.00	SGMCO 10%G 20%M 70%O	2.20
222.00	GsyO10%G 90%O	3.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum
225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Elliott ' AF ' # 1-29
29 13S 22W Trego KS
Job Ticket: 30394 **DST#: 2**
Test Start: 2008.05.19 @ 11:42:31

Tool Information

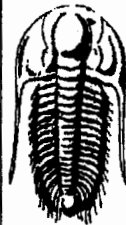
Drill Pipe:	Length: 3930.00 ft	Diameter: 3.82 inches	Volume: 55.71 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 55.71 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3920.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	100.00 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			3901.00	
Shut In Tool	5.00			3906.00	
Hydraulic tool	5.00			3911.00	
Packer	4.00			3915.00	20.00 Bottom Of Top Packer
Packer	5.00			3920.00	
Stubb	1.00			3921.00	
Perforations	2.00			3923.00	
Change Over Sub	1.00			3924.00	
Recorder	0.00	8369	Inside	3924.00	
Recorder	0.00	6669	Outside	3924.00	
Blank Spacing	62.00			3986.00	
Change Over Sub	1.00			3987.00	
Perforations	10.00			3997.00	
Bullnose	3.00			4000.00	80.00 Bottom Packers & Anchor

Total Tool Length: 100.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum
225 N Market Ste 300
Wichita KS 67202
ATTN: Flip Phillips

Elliott ' AF ' # 1-29
29 13S 22W Trego KS
Job Ticket: 30394 **DST#:2**
Test Start: 2008.05.19 @ 11:42:31

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 25 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.59 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	SGMCO 10%G 20%M 70%O	2.197
222.00	GsyO10%G 90%O	3.147

Total Length: 377.00 ft Total Volume: 5.344 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

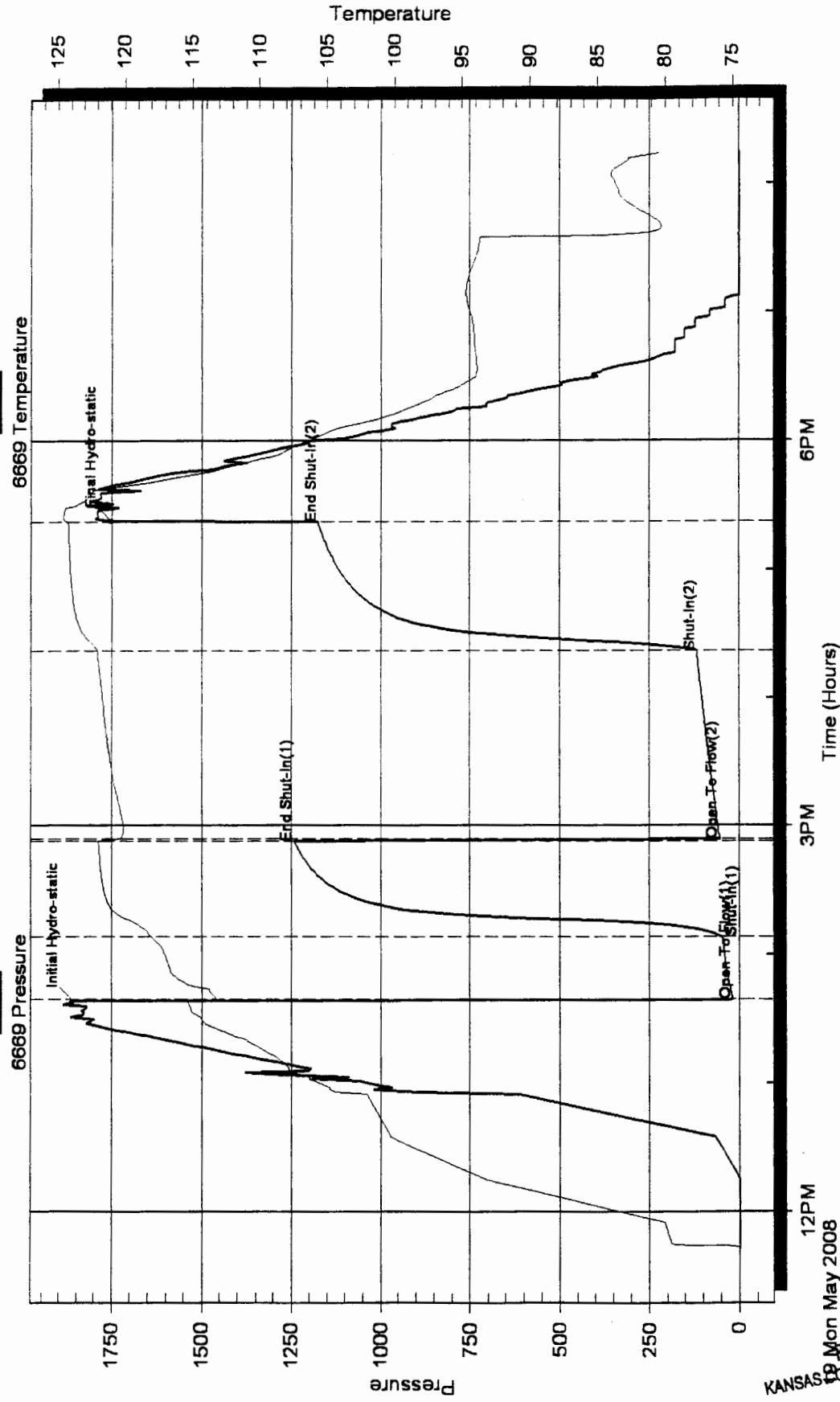
Serial #: 6669

Outside Pintail Petroleum

29 13S 22W Trego KS

DST Test Number: 2

Pressure vs. Time



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 Conservation Division
 WICHITA, KS

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Ref. No: 30394