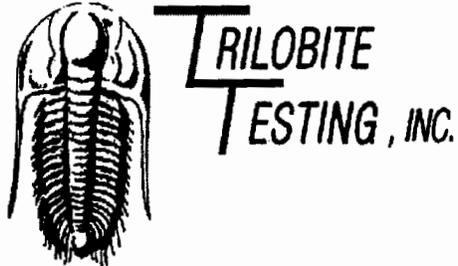


15-195-22388

29-14s-21w



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

29 14S 21W Trego KS

Schmidt RP #3-29

Start Date: 2006.09.17 @ 21:44:40

End Date: 2006.09.18 @ 06:17:55

Job Ticket #: 24022 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Pintail Petroleum LTD

Schmidt RP #3-29

29 14S 21W Trego KS

DST # 1

Fl Scott-Cherokee

2006.09.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Schmidt RP #3-29

29 14S 21W Trego KS

Job Ticket: 24022

DST#: 1

Test Start: 2006.09.17 @ 21:44:40

GENERAL INFORMATION:

Formation: **Ft Scott-Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:18:25

Time Test Ended: 06:17:55

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 3932.00 ft (KB) To 3996.00 ft (KB) (TVD)

Total Depth: 3996.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2131.00 ft (KB)

2126.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press@RunDepth: 291.41 psig @ 3935.00 ft (KB)

Start Date: 2006.09.17

End Date: 2006.09.18

Start Time: 21:44:42

End Time: 06:17:55

Capacity: 7000.00 psig

Last Calib.: 2006.09.18

Time On Btm: 2006.09.18 @ 01:18:10

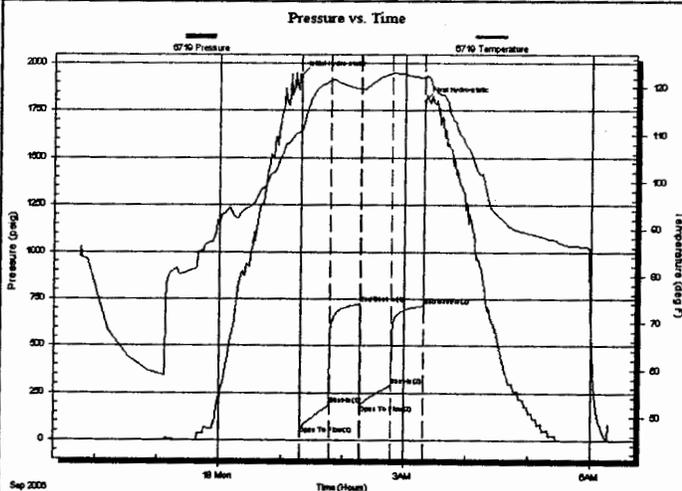
Time Off Btm: 2006.09.18 @ 03:19:10

TEST COMMENT: IFP Good Blow BOB in 11 Min.

ISI Dead

FFP Good Blow BOB in 12 Min.

FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1938.81	110.86	Initial Hydro-static
1	29.82	110.50	Open To Flow (1)
29	186.96	121.50	Shut-in(1)
59	723.35	119.75	End Shut-in(1)
59	189.49	119.59	Open To Flow (2)
89	291.41	122.93	Shut-in(2)
121	713.71	122.01	End Shut-in(2)
121	1800.34	122.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Muddy Water 5%M 95%W	1.39
415.00	VSOCWM 3%O 25%W 72%M	5.82
5.00	MWCO 50%O 30%W 20%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Schmidt RP #3-29
29 14S 21W Trego KS
Job Ticket: 24022 DST#: 1
Test Start: 2006.09.17 @ 21:44:40

Tool Information

Drill Pipe:	Length: 3792.00 ft	Diameter: 3.80 inches	Volume: 53.19 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 53.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3932.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 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			3905.00	
Shut In Tool	5.00			3910.00	
Hydraulic tool	5.00			3915.00	
Jars	5.00			3920.00	
Safety Joint	2.00			3922.00	
Packer	5.00			3927.00	28.00 Bottom Of Top Packer
Packer	5.00			3932.00	
Stubb	1.00			3933.00	
Perforations	1.00			3934.00	
Change Over Sub	1.00			3935.00	
Recorder	0.00	6719	Inside	3935.00	
Blank Spacing	32.00			3967.00	
Change Over Sub	1.00			3968.00	
Perforations	25.00			3993.00	
Recorder	0.00	13221	Outside	3993.00	
Bullnose	3.00			3996.00	64.00 Bottom Packers & Anchor
Total Tool Length:	92.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

Schmidt RP #3-29

225 N Market Ste 300
Wichita KS 67202

29 14S 21W Trego KS

Job Ticket: 24022

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.09.17 @ 21:44:40

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:

14500 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Muddy Water 5%M 95%W	1.386
415.00	V SOCWM 3%O 25%W 72%M	5.821
5.00	MWCO 50%O 30%W 20%M	0.070

Total Length: 600.00 ft Total Volume: 7.277 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

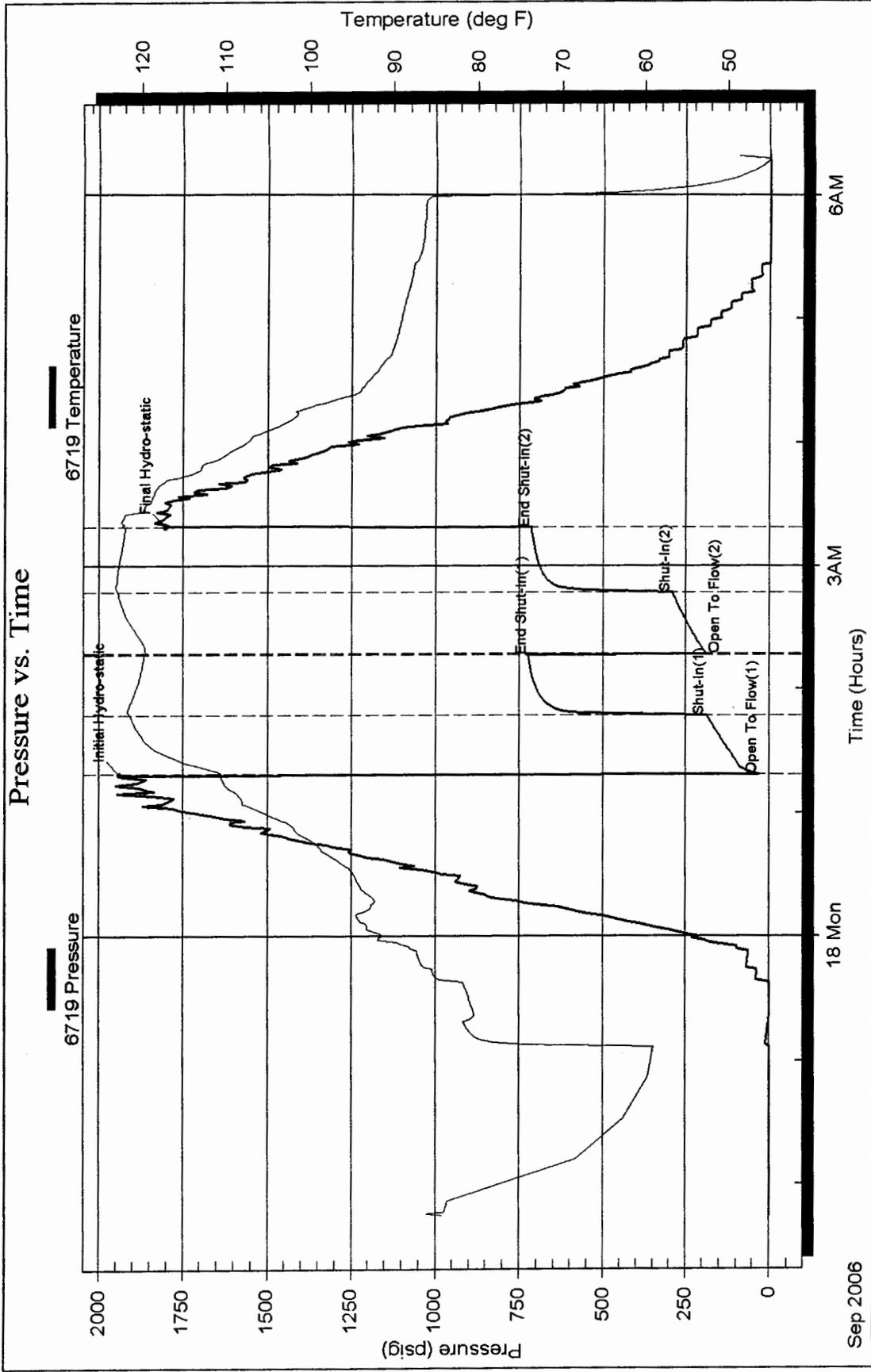
Serial #: 6719

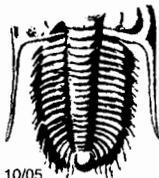
Inside

Pntail Petroleum LTD

29 14S 21W Trego KS

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24022

9266

Test Ticket

Well Name & No. Schmidt RP #3-29 Test No. 1 Date 9-17-06
 Company Pintail Petroleum LTD Zone Tested Ft Scott + Cherokee
 Address 225 N. Market, Ste 300, Wichita, Ks Elevation 2131 KB 2126 GL
 Co. Rep / Geo. Flip Phillips Rig Murfin #24
 Location: Sec. 29 Twp. 14s Rge. 21w Co. Trego State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3932-3996 Initial Str Wt./Lbs. 56,000 Unseated Str Wt/Lbs. 58,000
 Anchor Length 64' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3927 Tool Weight 2200
 Bottom Packer Depth 3932 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3996 Wt. Pipe Run 0 Drill Collar Run 125
 Mud Wt. 9.0 LCM _____ Vis. 55 WL 10.4 Drill Pipe Size 4 1/2 XH Ft. Run 3792
 Blow Description IFF - Good Blow, BOB in 11 min.
ISI - Dead

FFP - Good Blow, BOB in 12 min.
FSI - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
5	60		
Feet of <u>HOSEA MWC0</u>		%gas <u>50</u> %oil <u>30</u> %water <u>20</u> %mud	
415		%gas <u>3</u> %oil <u>25</u> %water <u>72</u> %mud	
Feet of <u>USOCWM</u>			
180		%gas _____ %oil _____ %water <u>95</u> %mud <u>5</u>	
Feet of <u>Muddy Water</u>			
		%gas _____ %oil _____ %water _____ %mud _____	
		%gas _____ %oil _____ %water _____ %mud _____	

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 620 @ 46 °F Chlorides 14,500 ppm Recovery _____ Chlorides 4,000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1938</u> PSI	<u>6719</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>30</u> PSI	(depth) <u>3935</u>	<u>Jars</u> <u>250</u>
(C) First Final Flow Pressure	<u>187</u> PSI	Recorder No. <u>13221</u>	<u>Safety Jt.</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>723</u> PSI	(depth) <u>3993</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>189</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>291</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>714</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1800</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____
		Final Flow <u>30</u>	Ruined Packer _____
		Final Shut-In <u>30</u>	Mileage <u>88 rt</u> <u>110</u>
		T-On Location <u>20145</u>	Sub Total: _____
		T-Started <u>21:44</u>	Std. By <u>15</u> <u>150</u>
		T-Open <u>1:17</u>	Acc. Chg: _____
		T-Pulled <u>3:17</u>	Other: _____
		T-Out <u>6:18</u>	Total: <u>\$1085</u>

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Approved By _____
 Our Representative J. McJomon *Thank you!*

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Pentax
Schmidt RP #3-2a
OST #1

