

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum,LTD**

225 N. Market
Ste. 300
Wichita, Ks. 67202

ATTN: Flip Phillips

14-19s-24w-Ness

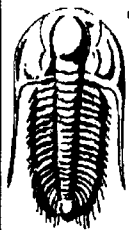
Nuss "AB" #2

Start Date: 2005.03.08 @ 04:17:11

End Date: 2005.03.08 @ 10:32:56

Job Ticket #: 21026 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N. Market
Ste. 300
Wichita, Ks. 67202
ATTN: Flip Phillips

Nuss "AB" #2

14-19s-24w-Ness

Job Ticket: 21026

DST#: 1

Test Start: 2005.03.08 @ 04:17:11

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 06:02:41

Time Test Ended: 10:32:56

Test Type: **Conventional Bottom Hole**

Tester: **Jason McLemore**

Unit No: **32**

Interval: **4197.00 ft (KB) To 4257.00 ft (KB) (TVD)**

Total Depth: **4257.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2275.00 ft (KB)**

2270.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6741**

Inside

Press@RunDepth: **50.87 psig @ 4201.00 ft (KB)**

Start Date: **2005.03.08**

End Date:

2005.03.08

Start Time: **04:17:13**

End Time:

10:32:56

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.03.08 @ 06:02:11**

Time Off Btm: **2005.03.08 @ 08:50:41**

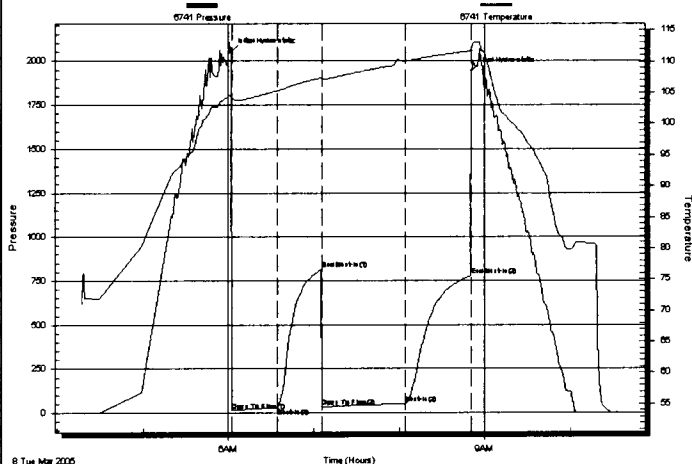
TEST COMMENT: **FP-Weak Blow, Built to 2"**

ISI-Dead

FFP-Weak Blow, Built to 1"

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

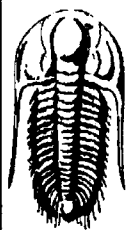
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2048.99	104.60	Initial Hydro-static
1	14.31	104.10	Open To Flow (1)
33	28.86	105.29	Shut-In(1)
64	815.16	107.35	End Shut-In(1)
64	33.16	107.18	Open To Flow (2)
123	50.87	110.03	Shut-In(2)
169	777.01	111.67	End Shut-In(2)
169	1943.21	112.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud W/Oil Spots in Tooljoints	0.34

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum, LTD

225 N. Market
Ste. 300
Wichita, Ks. 67202
ATTN: Flip Phillips

Nuss "AB" #2

14-19s-24w-Ness

Job Ticket: 21026

DST#: 1

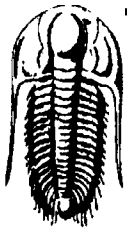
Test Start: 2005.03.08 @ 04:17:11

Tool Information

Drill Pipe:	Length: 3947.00 ft	Diameter: 3.80 inches	Volume: 55.37 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 58000.00 lb
		Total Volume: 56.57 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4197.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	81.00 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			4177.00	
Shut In Tool	5.00			4182.00	
Hydraulic tool	5.00			4187.00	
Packer	5.00			4192.00	21.00 Bottom Of Top Packer
Packer	5.00			4197.00	
Stubb	1.00			4198.00	
Perforations	3.00			4201.00	
Recorder	0.00	6741	Inside	4201.00	
Change Over Sub	1.00			4202.00	
Blank Spacing	31.00			4233.00	
Change Over Sub	1.00			4234.00	
Perforations	20.00			4254.00	
Recorder	0.00	13221	Outside	4254.00	
Bullnose	3.00			4257.00	60.00 Bottom Packers & Anchor

Total Tool Length: 81.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum, LTD

Nuss "AB" #2

225 N. Market

14-19s-24w-Ness

Ste. 300

Job Ticket: 21026

DST#: 1

Wichita, Ks. 67202

Test Start: 2005.03.08 @ 04:17:11

ATTN: Flip Phillips

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud W/Oil Spots in Tooljoints	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

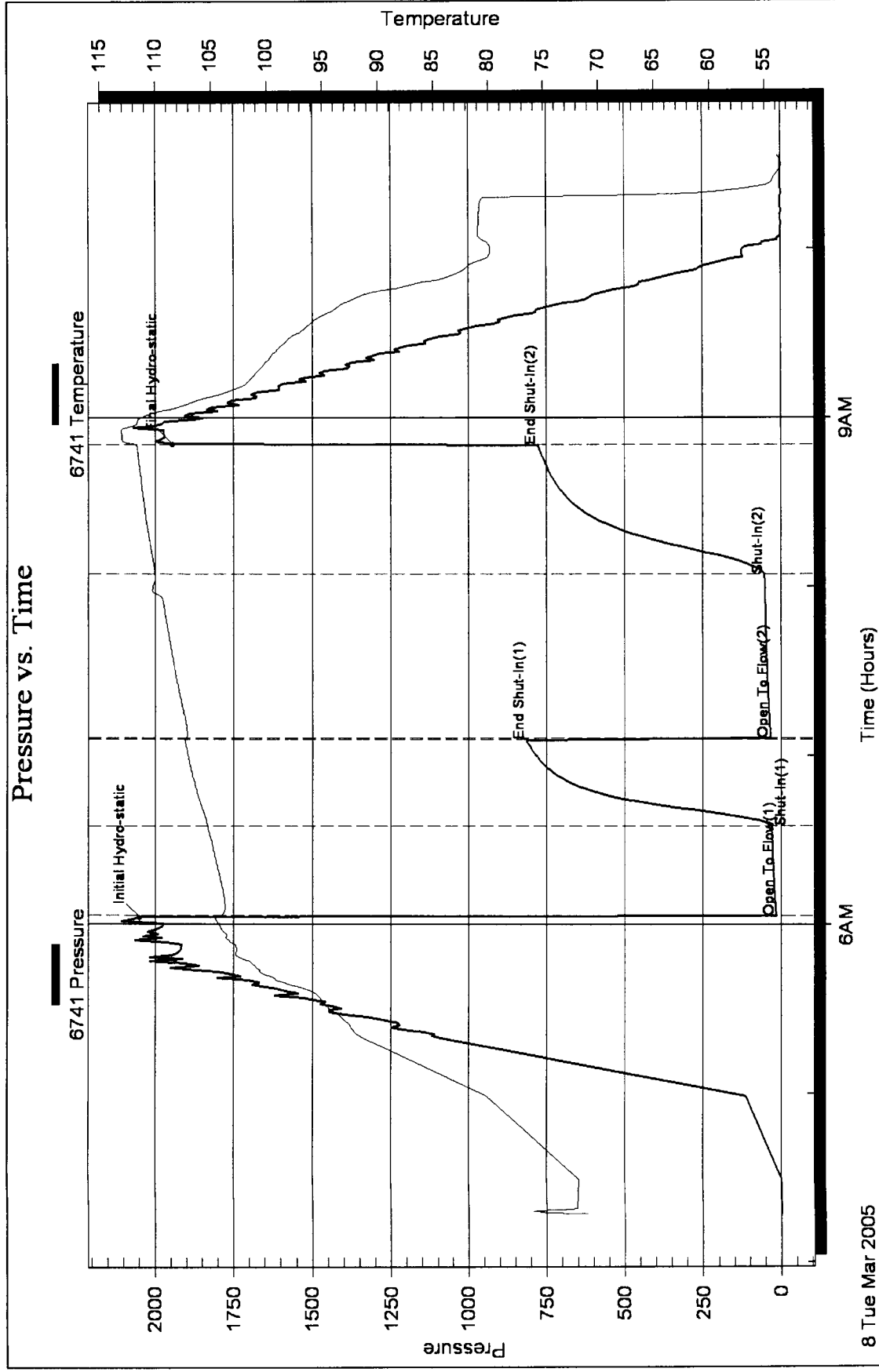
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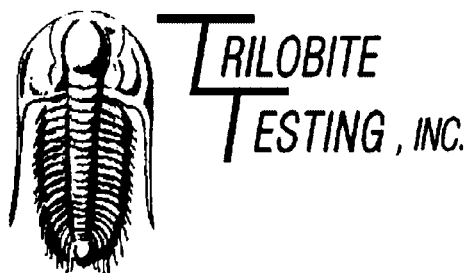
Inside

Pintail Petroleum, LTD

14-19s-24w -Ness

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum,LTD**

225 N.Market
Ste.300
Wichita,Ks. 67202

ATTN: Flip Phillips

14-19s-24w-Ness

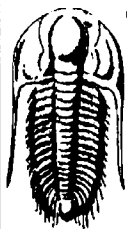
Nuss "AB" #2

Start Date: 2005.03.08 @ 22:42:11

End Date: 2005.03.09 @ 05:33:41

Job Ticket #: 21027 DST #: 2

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DRILL STEM TEST REPORT

Pintail Petroleum, LTD

225 N. Market
Ste. 300
Wichita, Ks. 67202
ATTN: Flip Phillips

Nuss "AB" #2

14-19s-24w-Ness

Job Ticket: 21027

DST#: 2

Test Start: 2005.03.08 @ 22:42:11

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 00:43:11

Time Test Ended: 05:33:41

Test Type: **Conventional Bottom Hole**

Tester: **Jason McLemore**

Unit No: **32**

Interval: **4276.00 ft (KB) To 4351.00 ft (KB) (TVD)**

Total Depth: **4351.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2275.00 ft (KB)**

2270.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6741**

Inside

Press@RunDepth: **159.72 psig @ 4280.00 ft (KB)**

Start Date: **2005.03.08**

End Date:

2005.03.09

Start Time: **22:42:13**

End Time:

05:33:41

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.03.09 @ 00:42:41**

Time Off Btm: **2005.03.09 @ 03:27:41**

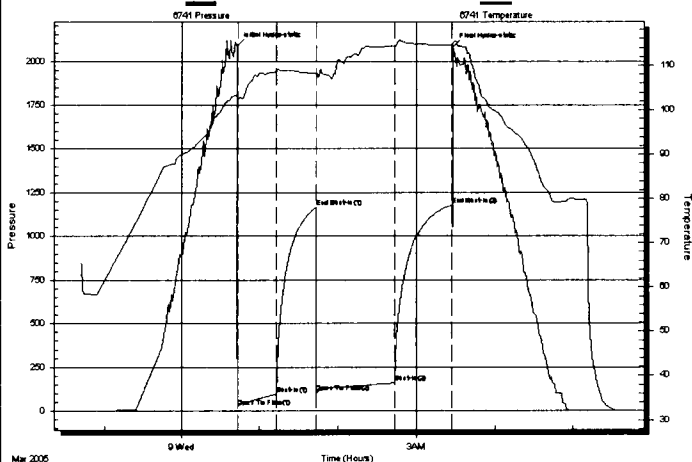
TEST COMMENT: **IFP-Fair Blow ,Built to 6-1/4"**

ISI-Dead

FFP-Fair Blow ,Built to 7-1/4"

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

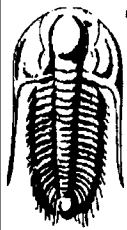
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.00	103.24	Initial Hydro-static
1	24.86	102.81	Open To Flow (1)
31	96.60	108.99	Shut-In(1)
61	1166.18	108.22	End Shut-In(1)
62	106.10	107.73	Open To Flow (2)
121	159.72	114.41	Shut-In(2)
165	1179.78	114.64	End Shut-In(2)
165	2081.72	115.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	Muu W/Oil Spot in tool	2.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum, LTD

225 N. Market
Ste. 300
Wichita, Ks. 67202
ATTN: Flip Phillips

Nuss "AB" #2

14-19s-24w-Ness

Job Ticket: 21027

DST#: 2

Test Start: 2005.03.08 @ 22:42:11

Tool Information

Drill Pipe:	Length: 4040.00 ft	Diameter: 3.80 inches	Volume: 56.67 bbl	Tool Weight: 3400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 57.87 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4276.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	96.00 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			4256.00	
Shut In Tool	5.00			4261.00	
Hydraulic tool	5.00			4266.00	
Packer	5.00			4271.00	21.00 Bottom Of Top Packer
Packer	5.00			4276.00	
Stubb	1.00			4277.00	
Perforations	3.00			4280.00	
Recorder	0.00	6741	Inside	4280.00	
Change Over Sub	1.00			4281.00	
Blank Spacing	31.00			4312.00	
Change Over Sub	1.00			4313.00	
Perforations	35.00			4348.00	
Recorder	0.00	13221	Outside	4348.00	
Bullnose	3.00			4351.00	75.00 Bottom Packers & Anchor

Total Tool Length: 96.00



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FLUID SUMMARY

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ATTN: Flip Phillips

14-19s-24w-Ness

Job Ticket: 21027

DST#: 2

Test Start: 2005.03.08 @ 22:42:11

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 11.18 in³

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	Muu W/Oil Spot in tool	2.117

Total Length: 310.00 ft

Total Volume: 2.117 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

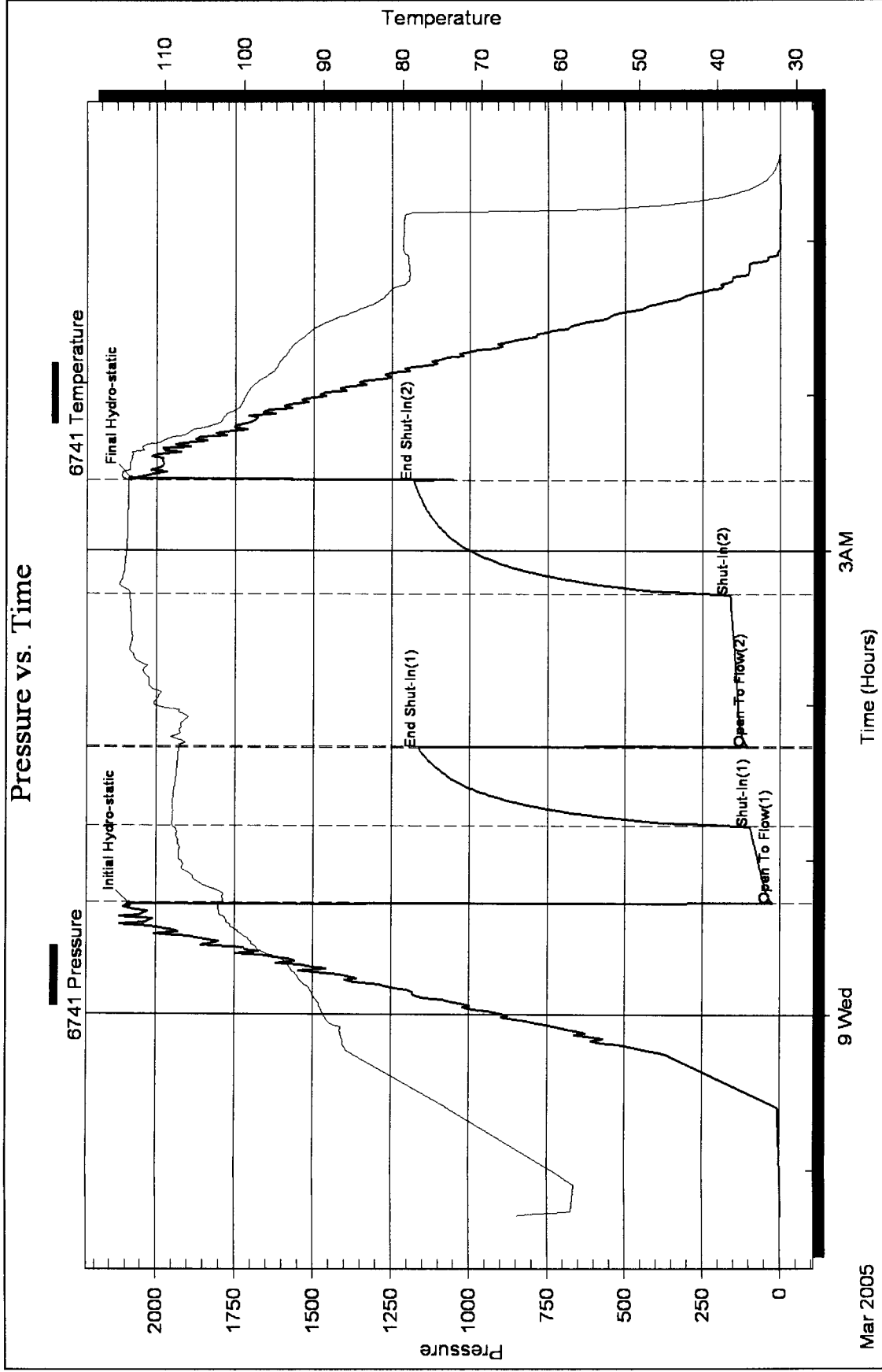
Serial #: 6741

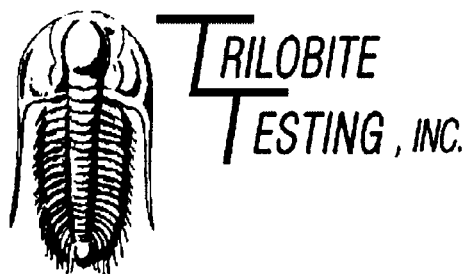
Inside

Antail Petroleum, LTD

14-19s-24w-Ness

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum,LTD**

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14-19s-24w-Ness

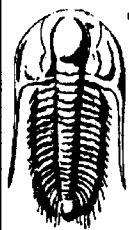
Nuss "AB" #2

Start Date: 2005.03.09 @ 06:30:56

End Date: 2005.03.09 @ 13:49:11

Job Ticket #: 21028 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



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DRILL STEM TEST REPORT

Pintail Petroleum, LTD

225 N. Market
Ste. 300
Wichita, Ks. 67202
ATTN: Flip Phillips

Nuss "AB" #2

14-19s-24w-Ness

Job Ticket: 21028

DST#: 3

Test Start: 2005.03.09 @ 06:30:56

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 08:27:11

Time Test Ended: 13:49:11

Test Type: **Conventional Bottom Hole**

Tester: **Jason McLemore**

Unit No: **32**

Interval: **4274.00 ft (KB) To 4351.00 ft (KB) (TVD)**

Total Depth: **4351.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2275.00 ft (KB)**

2270.00 ft (CF)

KB to GRVCF: **5.00 ft**

Serial #: **6741** Inside

Press@RunDepth: **198.16 psig @ 4280.00 ft (KB)**

Start Date: **2005.03.09** End Date: **2005.03.09**

Start Time: **06:30:58** End Time: **13:49:11**

Capacity: **7000.00 psig**

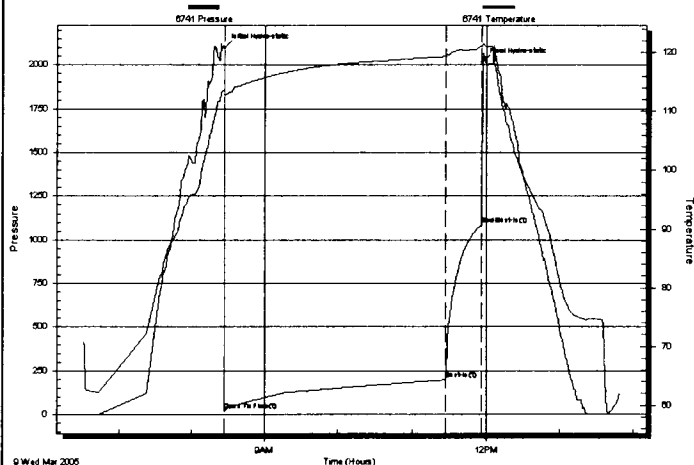
Last Calib.: **1899.12.30**

Time On Btm: **2005.03.09 @ 08:26:56**

Time Off Btm: **2005.03.09 @ 11:56:56**

TEST COMMENT: **FP-Fair Blow, BOB in 67 Mn.
IS-**

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2098.89	113.46	Initial Hydro-static
1	20.91	112.94	Open To Flow (1)
181	198.16	119.37	Shut-In(1)
210	1087.62	121.09	End Shut-In(1)
210	2016.18	121.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	Muddy Water-30%-60%Water	1.98
105.00	Mud W/Oil Specks	1.47
0.00	Oil Spots in Tooljoints	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum, LTD

Nuss "AB" #2

225 N. Market
Ste. 300
Wichita, Ks. 67202
ATTN: Flip Phillips

14-19s-24w-Ness

Job Ticket: 21028

DST#: 3

Test Start: 2005.03.09 @ 06:30:56

Tool Information

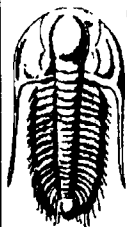
Drill Pipe:	Length: 4040.00 ft	Diameter: 3.80 inches	Volume: 56.67 bbl	Tool Weight: 3400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	57.87 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4274.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	98.00 ft			
Number of Packers:	2	Diameter:	6.75 inches	

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4254.00	
Shut In Tool	5.00			4259.00	
Hydraulic tool	5.00			4264.00	
Packer	5.00			4269.00	21.00 Bottom Of Top Packer
Packer	5.00			4274.00	
Stubb	1.00			4275.00	
Perforations	5.00			4280.00	
Recorder	0.00	6741	Inside	4280.00	
Perforations	35.00			4315.00	
Change Over Sub	1.00			4316.00	
Blank Spacing	31.00			4347.00	
Change Over Sub	1.00			4348.00	
Recorder	0.00	13221	Outside	4348.00	
Bullnose	3.00			4351.00	77.00 Bottom Packers & Anchor

Total Tool Length: 98.00



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ATTN: Flip Phillips

14-19s-24w-Ness

Job Ticket: 21028

DST#: 3

Test Start: 2005.03.09 @ 06:30:56

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:

8100 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	Muddy Water-30%-60%Water	1.976
105.00	Mud W/Oil Specks	1.473
0.00	Oil Spots in Tooljoints	0.000

Total Length: 405.00 ft

Total Volume: 3.449 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

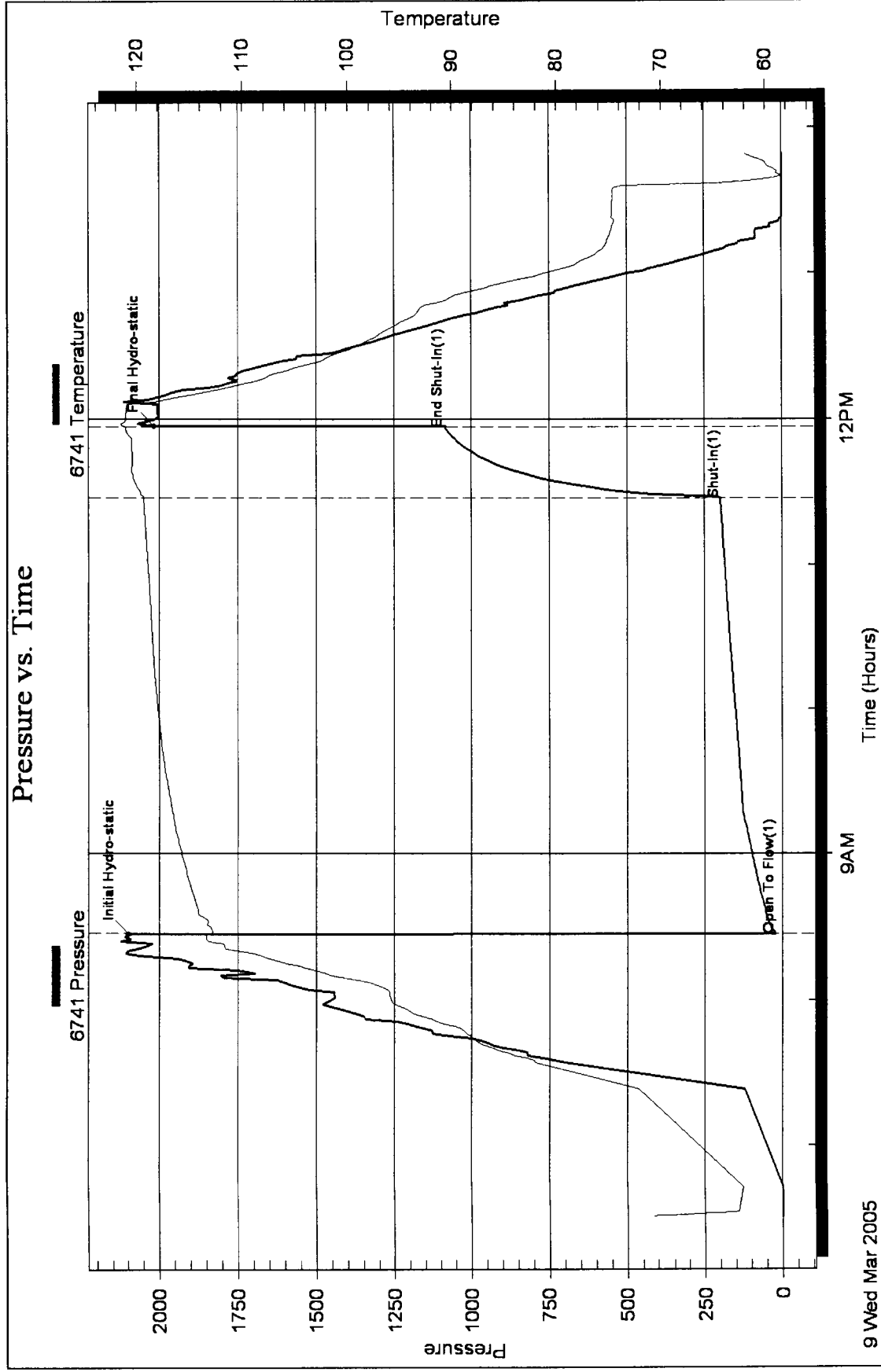
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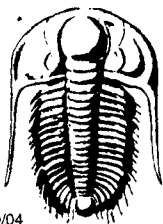
Inside

Frontal Petroleum LTD

14-19s-24w-Ness

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21026

Test Ticket

Well Name & No. Nuss 'AB' #2 Test No. 1 Date 3-8-05
 Company Pintail Petroleum LTD Zone Tested Ft Scott
 Address 225 N. Market, Ste 300, Wichita, KS 67202 Elevation 2275 KB 2270 GL
 Co. Rep / Geo. Flip Phillips Cont. Mallard Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 14 Twp. 19s Rge. 24w Co. Ness State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4197 - 4257 Initial Str Wt./Lbs. 55,000 Unseated Str Wt./Lbs. 55,000
 Anchor Length 60' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 58,000
 Top Packer Depth 4192 Tool Weight 3000
 Bottom Packer Depth 4197 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4257 Wt. Pipe Run 0 Drill Collar Run 245
 Mud Wt. _____ LCM _____ Vis. _____ WL _____ Drill Pipe Size 4 1/2 X 11 Ft. Run 3947
 Blow Description Weak Initial Blow, Built to 2'
TSI-Dead
FFP-Weak Blow, Built to 1"
FSI-Dead

Recovery - Total Feet 70 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 70 Feet of Mud w/oil spots in Tail joint %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. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 112° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2048</u>		<u>6741</u>	✓ <u>1000</u>
(B) First Initial Flow Pressure		<u>14</u>		<u>4202</u>	✓ <u>200</u>
(C) First Final Flow Pressure		<u>29</u>		<u>13221</u>	
(D) Initial Shut-In Pressure		<u>815</u>		<u>4254</u>	
(E) Second Initial Flow Pressure		<u>33</u>			
(F) Second Final Flow Pressure		<u>51</u>			
(G) Final Shut-In Pressure		<u>777</u>			
(Q) Final Hydrostatic Mud		<u>1943</u>			

Initial Opening 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 45
 T-On Location 3:30
 T-Started 4:17
 T-Open 6:03
 T-Pulled 8:48
 T-Out 10:30

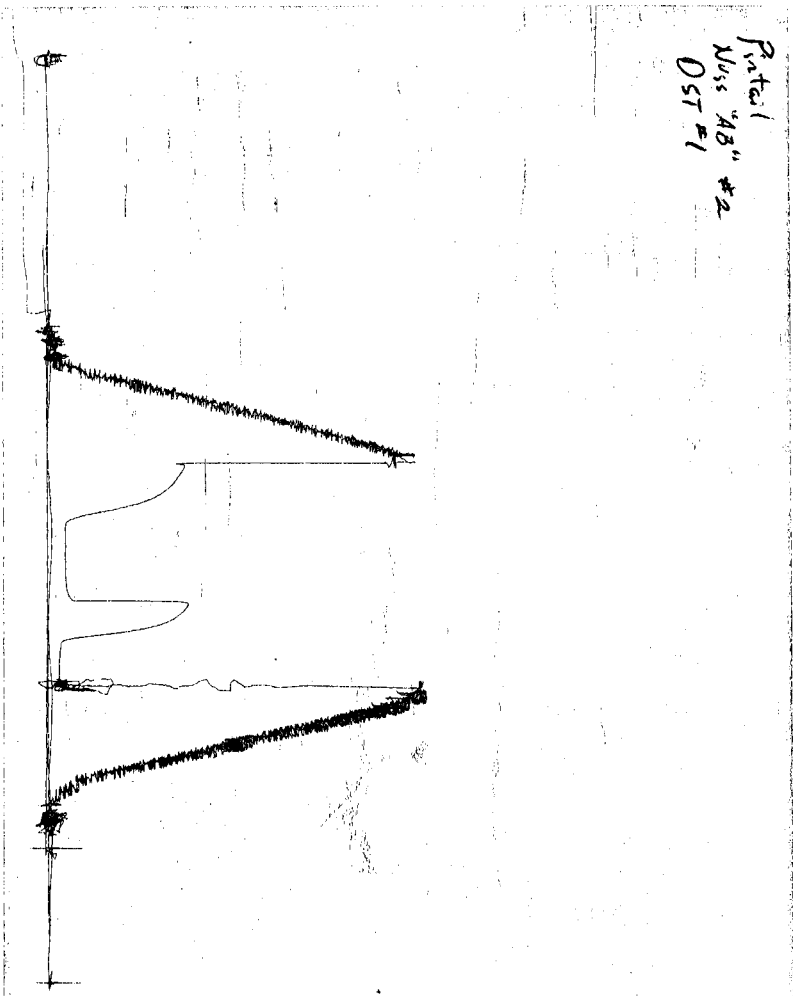
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

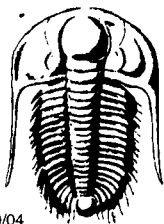
Approved By _____

Our Representative Jason Mc Lamon *Thank you*

Test ✓ 1000
 Jars ✓ 200
 Safety Jt. _____
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 110
 Sub Total: 1310
 Std. By _____
 Other _____
 Total: 1310

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21027

Test Ticket

Well Name & No. Nuss "AB" #2 Test No. 2 Date 3-8-05
 Company Pintail Petroleum LTD Zone Tested Mississippi
 Address 225 N. Market, Ste 300, Wichita, Ks 67202 Elevation 2275 KB 2270 GL
 Co. Rep / Geo. Flip Phillips Cont. Mallard Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 14 Twp. 19s Rge. 24w Co. Ness State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

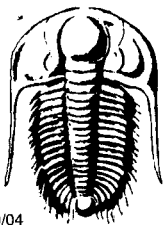
Interval Tested 4276 - 4351 Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 58000
 Anchor Length 75' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 4271 Tool Weight 3400
 Bottom Packer Depth 4276 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4351 Wt. Pipe Run 0 Drill Collar Run 245
 Mud Wt. 9.3 LCM _____ Vis. 47 WL 11.2 Drill Pipe Size 4 1/2 XH Ft. Run 4040
 Blow Description IFP - Fair Blow, Built to 6 1/4"
ISI - Dead
FFP - Fair Blow, Built to 7 1/4"
FST - Dead

Recovery - Total Feet 310 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 310 Feet of Mud w/oil spot in %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of Tool %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 _____
 BHT 115° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3500 ppm System

(A) Initial Hydrostatic Mud	<u>2087</u> PSI	Recorder No.	<u>6741</u>	Test	✓ <u>1000</u>
(B) First Initial Flow Pressure	<u>25</u> PSI	(depth)	<u>4281</u>	Jars	
(C) First Final Flow Pressure	<u>97</u> PSI	Recorder No.	<u>13221</u>	Safety Jt.	
(D) Initial Shut-In Pressure	<u>1166</u> PSI	(depth)	<u>4348</u>	Circ Sub	
(E) Second Initial Flow Pressure	<u>106</u> PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure	<u>160</u> PSI	(depth)		Straddle	
(G) Final Shut-In Pressure	<u>1180</u> PSI	Initial Opening	<u>30</u>	Ext. Packer	
(Q) Final Hydrostatic Mud	<u>2082</u> PSI	Initial Shut-In	<u>30</u>	Shale Packer	
		Final Flow	<u>60</u>	Ruined Packer	
		Final Shut-In	<u>75</u>	Mileage	<u>10</u>
		T-On Location	<u>21:50</u>	Sub Total:	<u>1010</u>
		T-Started	<u>22:42</u>	Std. By	
		T-Open	<u>00:43</u>	Other	
		T-Pulled	<u>3:28</u>	Total:	<u>1010</u>
		T-Out	<u>5:25</u>		

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Approved By _____
 Our Representative Jason Mc Lemmon *Thank you*



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21028

Test Ticket

Well Name & No. Nuss "AB" #2 Test No. 3 Date 3-9-05
 Company Pintail Petroleum LTD Zone Tested Mississippi
 Address 225 N. Market, Ste 300, Wichita, Ks. 67202 Elevation 2275 KB 2270 GL
 Co. Rep / Geo. Flip Phillips Cont. Mallard Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 14 Twp. 19s Rge. 24w Co. Ness State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4274 - 4351 Initial Str Wt./Lbs. 55,000 Unseated Str Wt./Lbs. 57,000
 Anchor Length 77' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 4269 Tool Weight 3400
 Bottom Packer Depth 4274 Hole Size 7 7/8" ☒ Rubber Size 6 3/4" ☒
 Total Depth 4351 Wt. Pipe Run 0 Drill Collar Run 245
 Mud Wt. 9.3 LCM _____ Vis. 47 WL 11.2 Drill Pipe Size 4 1/2 XH Ft. Run 4040
 Blow Description IFP - Fair Blow, BOB in 67 min.
ISI -
FFP - Pull tool
FSI -

Recovery - Total Feet 405 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 105 Feet of Mud / oil spots in tool joints %gas Oil specks %oil _____ %water _____ %mud _____
 Rec. 300 Feet of Muddy Water 30% - 60% W %gas _____ %oil 90-60 %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 121 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW -810 @ 63° °F Chlorides 8,100 ppm Recovery _____ Chlorides 3500 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2098	PSI	Recorder No.	<u>6741</u>	Test	☒	<u>1000</u>
(B) First Initial Flow Pressure			<u>21</u>	PSI	(depth)	<u>4280</u>	Jars		
(C) First Final Flow Pressure			<u>198</u>	PSI	Recorder No.	<u>13221</u>	Safety Jt.		
(D) Initial Shut-In Pressure			<u>1087</u>	PSI	(depth)	<u>4348</u>	Circ Sub		
(E) Second Initial Flow Pressure			~~X~~	PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure			~~X~~	PSI	(depth)		Straddle		
(G) Final Shut-In Pressure			~~X~~	PSI	Initial Opening	<u>180</u>	Ext. Packer		
(Q) Final Hydrostatic Mud			<u>2016</u>	PSI	Initial Shut-In	<u>30</u>	Shale Packer		
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.					Final Flow	<u>/</u>	Ruined Packer		
					Final Shut-In	<u>/</u>	Mileage	<u>10</u>	
					T-On Location	<u>5:25</u>	Sub Total:	<u>1010</u>	
					T-Started	<u>6:30</u>	Std. By		
					T-Open	<u>8:30</u>	Other		
					T-Pulled	<u>12:00</u>	Total:	<u>1010</u>	
					T-Out	<u>13:50</u>			

Approved By _____
 Our Representative Jason McLennan

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

