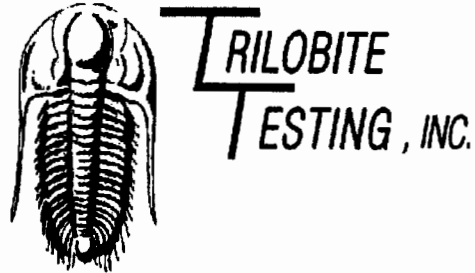


15-165-21817

30-165-20w



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum**

225 N Market St #300
Wichita KS 67202

ATTN: Flip Phillips

30 16 20 Rush KS

Stephens Coddington unit#1

Start Date: 2007.06.30 @ 21:33:26

End Date: 2007.07.01 @ 04:37:09

Job Ticket #: 28270 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

TOOL DIAGRAM

Pintail Petroleum
225 N Market St #300
Wichita KS 67202

ATTN: Flip Phillips

Stephens Coddington unit#1
30 16 20 Rush KS
Job Ticket: 28270 **DST#: 1**
Test Start: 2007.06.30 @ 21:33:26

Tool Information

Drill Pipe:	Length: 3980.00 ft	Diameter: 4.21 inches	Volume: 68.53 bbl	Tool Weight:	lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	5500.00 lb
			Total Volume: 68.53 bbl	Tool Chased	ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	5000.00 lb
Depth to Top Packer:	3980.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	50.00 ft				
Tool Length:	79.00 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			3952.00	
Shut In Tool	5.00			3957.00	
Hydraulic tool	5.00			3962.00	
Jars	5.00			3967.00	
Safety Joint	3.00			3970.00	
Packer	5.00			3975.00	29.00 Bottom Of Top Packer
Packer	5.00			3980.00	
Stubb	1.00			3981.00	
Perforations	2.00			3983.00	
Change Over Sub	1.00			3984.00	
Recorder	0.00	8167	Inside	3984.00	
Blank Spacing	31.00			4015.00	
Change Over Sub	1.00			4016.00	
Perforations	11.00			4027.00	
Recorder	0.00	13254	Outside	4027.00	
Bullnose	3.00			4030.00	50.00 Bottom Packers & Anchor
Total Tool Length:	79.00				



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

PINTAIL PET
 225 N. Market STE. 300 Wichita, KS 67202
 ATTN: Flip Phillips

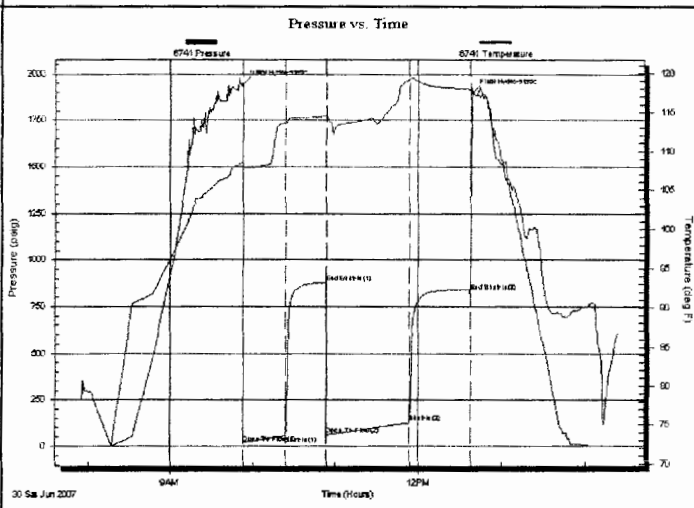
STEPHENS COD UNIT #1
30-16s-20w Rush Co
 Job Ticket: 28270 DST#: 1
 Test Start: 2007.06.30 @ 07:55:17

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **09:53:27**
 Tester: **PAUL KYLE**
 Time Test Ended: **14:23:47**
 Unit No: **38**
 Interval: **3980.00 ft (KB) To 4030.00 ft (KB) (TVD)**
 Reference Elevations: **2191.00 ft (KB)**
 Total Depth: **4030.00 ft (KB) (TVD)**
2185.00 ft (CF)
 Hole Diameter: **7.85 inches** Hole Condition: **Fair**
 KB to GR/CF: **6.00 ft**

Serial #: 6741 Inside
 Press@RunDepth: **126.21 psig @ 3983.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2007.06.30** End Date: **2007.06.30** Last Calib.: **2007.06.30**
 Start Time: **07:55:17** End Time: **14:23:47** Time On Btm: **2007.06.30 @ 09:53:07**
 Time Off Btm: **2007.06.30 @ 12:39:02**

TEST COMMENT: IF-1/2" built to 5" ISS-no blow back
 FF-1/2" built to 6" FSS-no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1944.90	108.52	Initial Hydro-static
1	17.42	108.07	Open To Flow (1)
32	56.76	113.55	Shut-In(1)
61	880.41	114.50	End Shut-In(1)
61	59.15	114.25	Open To Flow (2)
121	126.21	119.22	Shut-In(2)
166	829.98	117.96	End Shut-In(2)
166	1900.73	117.68	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
180.00	mw 85%w 15%m	3.10
20.00	mud	0.34

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

Serial #: 6741

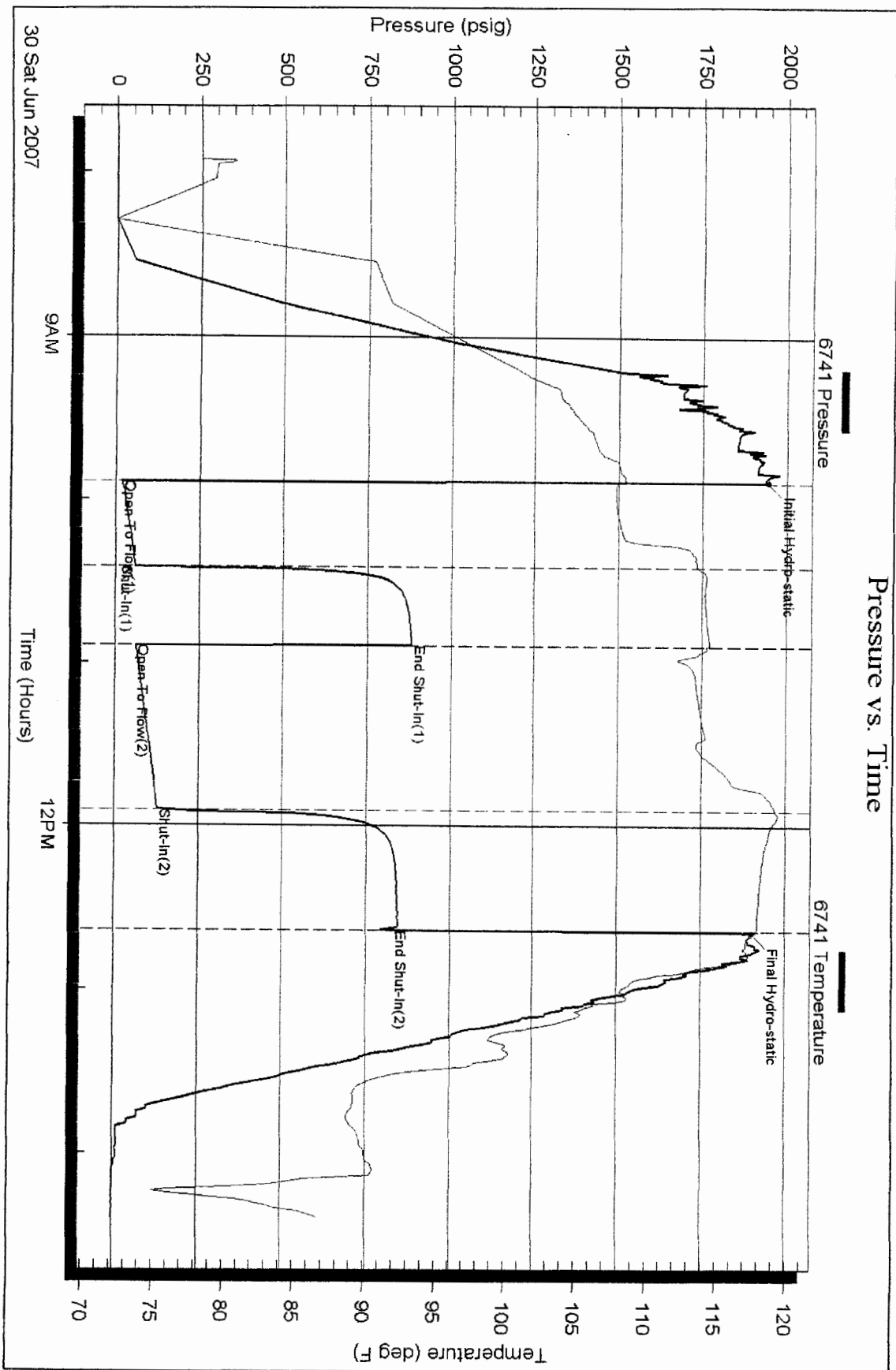
Inside

PNTAIL PET

30-16s-20w Rush Co

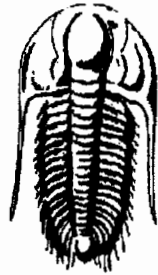
DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 28270



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum**

225 N Market St #300
Wichita KS 67202

ATTN: Flip Phillips

30 16 20 Rush KS

Stephens Coddington unit#1

Start Date: 2007.06.30 @ 21:33:24

End Date: 2007.07.01 @ 04:37:09

Job Ticket #: 28271 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Pintail Petroleum

Stephens Coddington unit#1

30 16 20 Rush KS

DST # 2

Cherokee Sand

2007.06.30



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

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

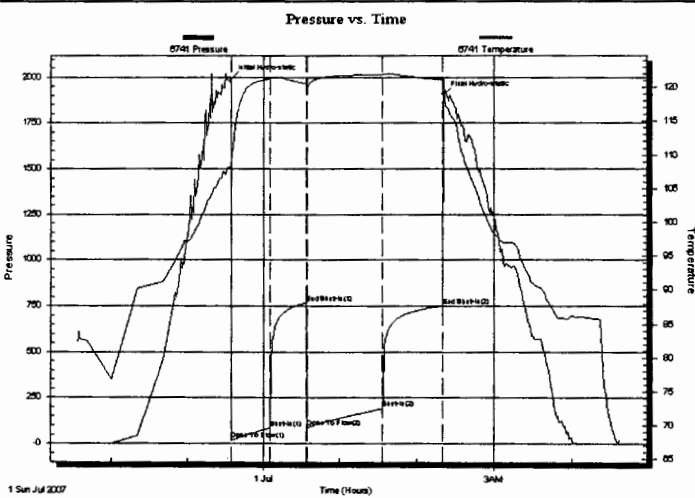
Stephens Coddington unit#1
30 16 20 Rush KS
Job Ticket: 28271 **DST#: 2**
Test Start: 2007.06.30 @ 21:33:24

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 23:34:24
Time Test Ended: 04:37:09
Interval: **4033.00 ft (KB) To 4051.00 ft (KB) (TVD)**
Total Depth: **4051.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Paul/Kyle**
Unit No: **38**
Reference Elevations: **2191.00 ft (KB)**
2185.00 ft (CF)
KB to GR/CF: **6.00 ft**

Serial #: 6741 Inside
Press@RunDepth: **192.47 psig @ 4034.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2007.06.30** End Date: **2007.07.01** Last Calib.: **2007.07.01**
Start Time: **21:33:26** End Time: **04:37:09** Time On Btm: **2007.06.30 @ 23:34:14**
Time Off Btm: **2007.07.01 @ 02:21:09**

TEST COMMENT: IF 1/2 " building to 10 "
ISI No blow
FF Weak surface built to 9 "
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1995.24	108.21	Initial Hydro-static
1	19.21	107.80	Open To Flow (1)
31	85.28	121.28	Shut-In(1)
60	767.08	120.51	End Shut-In(1)
60	88.92	120.26	Open To Flow (2)
120	192.47	121.86	Shut-In(2)
167	750.99	121.11	End Shut-In(2)
167	1905.11	121.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
365.00	MW 94%W 6%M	6.28

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prntail Petroleum
225 N Market St #300
Wichita KS 67202

ATTN: Flip Phillips

Stephens Coddington unit#1
30 16 20 Rush KS
Job Ticket: 28271 **DST#: 2**
Test Start: 2007.06.30 @ 21:33:24

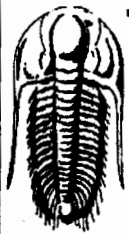
Tool Information

Drill Pipe:	Length: 4011.00 ft	Diameter: 4.21 inches	Volume: 69.06 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 57000.00 lb
			<u>Total Volume: 69.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4033.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 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			4005.00	
Shut In Tool	5.00			4010.00	
Hydraulic tool	5.00			4015.00	
Jars	5.00			4020.00	
Safety Joint	3.00			4023.00	
Packer	5.00			4028.00	29.00 Bottom Of Top Packer
Packer	5.00			4033.00	
Stubb	1.00			4034.00	
Recorder	0.00	6741	Inside	4034.00	
Perforations	14.00			4048.00	
Recorder	0.00	13254	Outside	4048.00	
Bullnose	3.00			4051.00	18.00 Bottom Packers & Anchor

Total Tool Length: 47.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Stephens Coddington unit#1
30 16 20 Rush KS
Job Ticket: 28271 **DST#: 2**
Test Start: 2007.06.30 @ 21:33:24

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:	49000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.16 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
365.00	MW 94%W 6%M	6.284

Total Length: 365.00 ft Total Volume: 6.284 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW-.15 @69

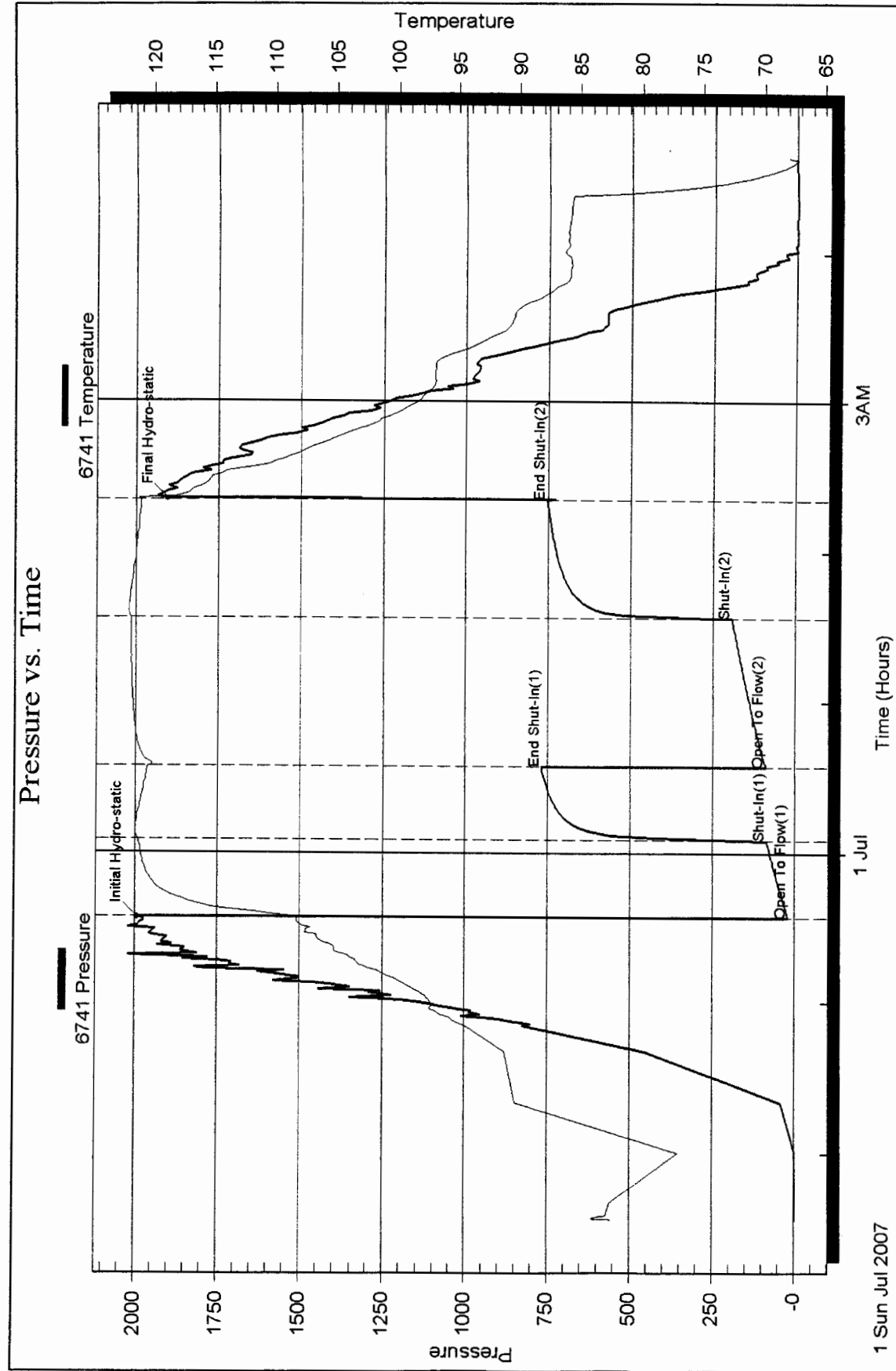
Serial #: 6741

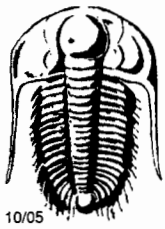
Inside

Pntail Petroleum

30 16 20 Rush KS

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28270

10338

Test Ticket

Well Name & No. Stephens Coddington Unit 1-30 Test No. 1 Date 6-30-07
 Company Frontier Petroleum Corp Zone Tested Ford Scott
 Address 225 N Market # 300 Wichita, KS 67202 Elevation 2191 KB 2185 GL
 Co. Rep / Geo. Flip Phillips Rig Ameriaren Eagle #1
 Location: Sec. 30 Twp. 16 Rge. 20 Co. Rush State KS
 Comment: _____ Release date / time: _____

Interval Tested 3980 - 4030 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 51,000
 Anchor Length 50' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3975 Tool Weight 2,500
 Bottom Packer Depth 3980 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4030 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.2 LCM _____ Vis. 44 WL 11.2 Drill Pipe Size 5 1/2" 1F Ft. Run 3980
 Blow Description 1/2" blow building to 5"
FF 1/2" building to 6"

Recovery - Total Feet 200' GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 180' Feet of MW %gas _____ %oil 85 %water 15 %mud _____
 Rec. 20' Feet of M %gas _____ %oil _____ %water 100 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1.2 @ 86 °F Chlorides 49,000 ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	PSI	Recorder No.	Test	Value
(A) Initial Hydrostatic Mud	<u>1944</u>			<u>6741</u>	✓	<u>1100</u>
(B) First Initial Flow Pressure	<u>17</u>			(depth) <u>3983'</u>	✓	<u>250</u>
(C) First Final Flow Pressure	<u>56</u>			Recorder No. <u>13254</u>	✓	<u>75</u>
(D) Initial Shut-In Pressure	<u>880</u>			(depth) <u>4027</u>	✓	<u>N/C</u>
(E) Second Initial Flow Pressure	<u>59</u>			Recorder No. _____		
(F) Second Final Flow Pressure	<u>126</u>			(depth) _____		
(G) Final Shut-In Pressure	<u>829</u>			Initial Opening <u>30</u>		
(Q) Final Hydrostatic Mud	<u>1900</u>			Initial Shut-In <u>30</u>		
				Final Flow <u>60</u>		
				Final Shut-In <u>45</u>		

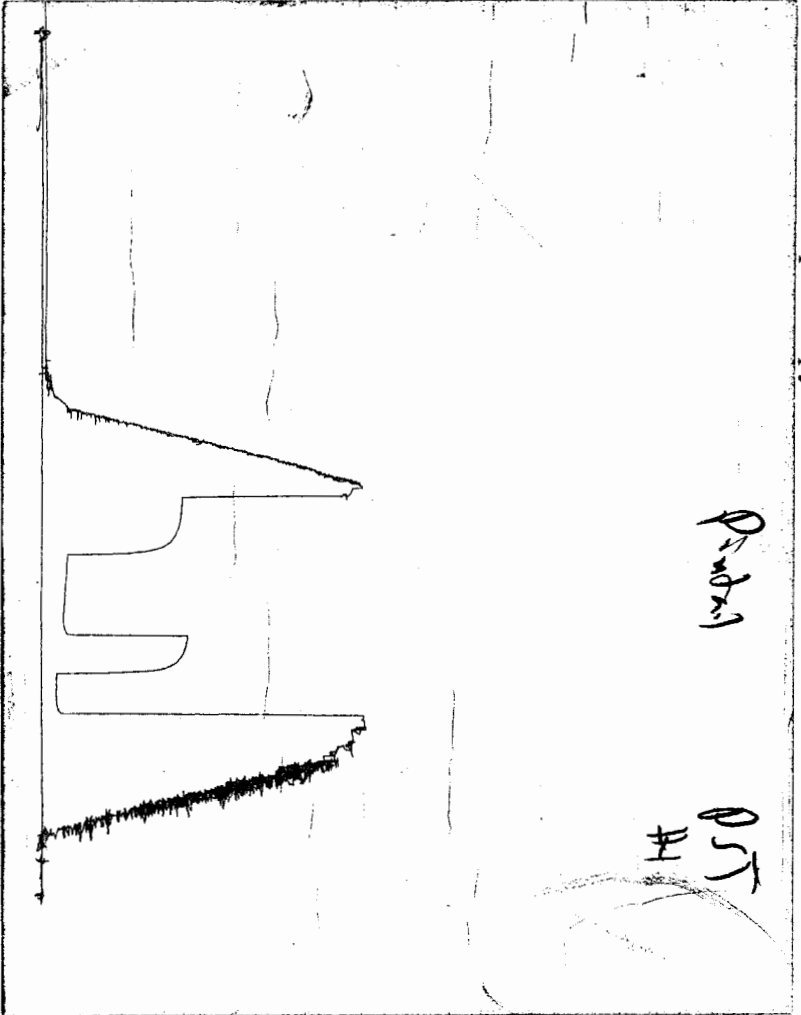
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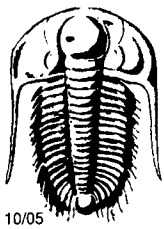
Approved By _____
 Our Representative Paul / Kyle

T-On Location _____
 T-Started 7:55 A.M.
 T-Open 0953
 T-Pulled 1238
 T-Out 1423
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: \$1527.50

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28271

Test Ticket

Well Name & No. Stephens Coddington Unit 1-30 Test No. 2 Date 6-30-07
 Company Pintar Petroleum Zone Tested _____
 Address 225 N. Market #300 Wichita, KS 67202 Elevation 2191 KB 2185 GL _____
 Co. Rep / Geo. F. Phillips Rig American Eagle #7
 Location: Sec. 30 Twp. 16s Rge. 20w Co. Bush State KS
 Comment: _____ Release date / time: _____

Interval Tested 4033-4051 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 51,000
 Anchor Length 18' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 57,000
 Top Packer Depth 4028 Tool Weight 2,500
 Bottom Packer Depth 4033 Hole Size 7 7/8" J Rubber Size 6 3/4" V
 Total Depth 4051 Wt. Pipe Run 0' Drill Collar Run 0'
 Mud Wt. 9.0 LCM _____ Vis. 46 WL 11.2 Drill Pipe Size 5" IF Ft. Run 4004

Blow Description IF - 1/2" Building to 10"
ISI - No Blow Back
FF - Weak surface built to 9"
FSI - No Blow Back

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>365</u> Feet of _____		%gas _____ %oil <u>94</u> %water <u>6</u> %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 _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .15 @ 69 °F Chlorides 49,000 ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1995</u>	PSI	<u>6741</u>	<u>V</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>19</u>	PSI	(depth) <u>4034</u>	Jars <u>V</u> <u>250</u>
(C) First Final Flow Pressure	<u>95</u>	PSI	Recorder No. <u>13254</u>	Safety Jt. <u>V</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>767</u>	PSI	(depth) <u>4048</u>	Circ Sub <u>VN/A</u>
(E) Second Initial Flow Pressure	<u>89</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>192</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>750</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1905</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>45</u>	Mileage <u>82</u> <u>102.50</u>
			T-On Location <u>2100</u>	Sub Total: _____
			T-Started <u>2133</u>	Std. By _____
			T-Open <u>2334</u>	Acc. Chg: _____
			T-Pulled <u>0219</u>	Other: _____
			T-Out <u>0440</u>	Total: <u>\$1527.50</u>

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Approved By _____
 Our Representative [Signature]

CHART PAGE

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

