

DRILL STEM TEST REPORT

Prepared For: **Apollo Energies, Inc.**

10378 N 281 Hwy
Pratt, KS 67124

ATTN: Scott Alberg

25-26s-11w

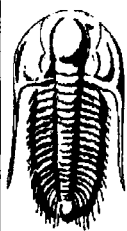
Riffey #1

Start Date: 2005.10.12 @ 05:26:36

End Date: 2005.10.12 @ 11:33:36

Job Ticket #: 21516 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

Apollo Energies, Inc.

10378 N 281 Hwy
Pratt, KS 67124

ATTN: Scott Alberg

Riffey #1

25-26s-11w

Job Ticket: 21516

DST#: 1

Test Start: 2005.10.12 @ 05:26:36

GENERAL INFORMATION:

Formation: **Viola**

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

Time Tool Opened: 07:27:51

Time Test Ended: 11:33:36

Test Type: **Conventional Bottom Hole**

Tester: **Davy Cline**

Unit No: **24**

Interval: **4274.00 ft (KB) To 4292.00 ft (KB) (TVD)**

Total Depth: **4292.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1808.00 ft (KB)**

1798.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6753

Inside

Press@RunDepth: **51.71 psig @ 4275.00 ft (KB)**

Start Date: **2005.10.12**

End Date:

2005.10.12

Start Time: **05:26:37**

End Time:

11:33:36

Capacity: **7000.00 psig**

Last Calib.: **2005.10.12**

Time On Btm: **2005.10.12 @ 07:26:36**

Time Off Btm: **2005.10.12 @ 09:43:36**

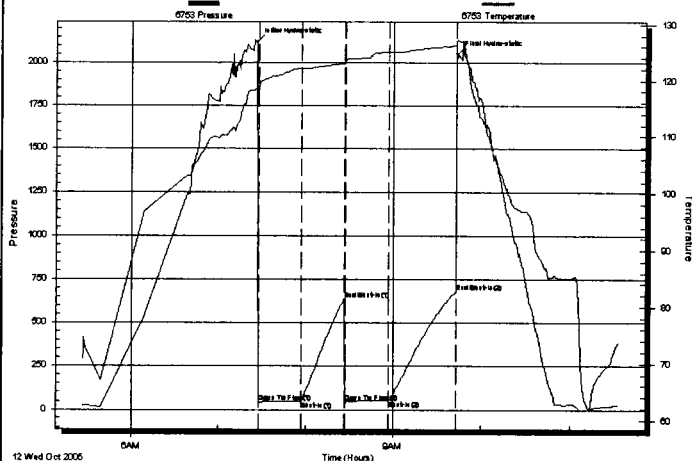
TEST COMMENT: IF: Strong blow . Slow increasing BOB blow in 9 min 40 sec.

ISl: Bled off. No blow back.

FF: Strong blow . BOB immediately.

FSl: Bled off. No blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.69	118.37	Initial Hydro-static
2	42.36	118.95	Open To Flow (1)
30	47.98	122.17	Shut-In(1)
60	638.31	123.02	End Shut-In(1)
61	39.42	123.35	Open To Flow (2)
91	51.71	125.11	Shut-In(2)
137	679.53	126.19	End Shut-In(2)
137	2052.21	127.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	GCM 100% m	0.26
0.00	Slight trace of GIP.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Apollo Energies, Inc.

Riffey #1

10378 N 281 Hwy
Pratt, KS 67124

25-26s-11w

Job Ticket: 21516

DST#: 1

ATTN: Scott Alberg

Test Start: 2005.10.12 @ 05:26:36

Tool Information

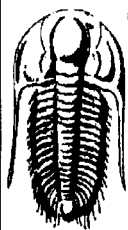
Drill Pipe:	Length:	4262.00 ft	Diameter:	3.25 inches	Volume:	43.73 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	63000.00 lb
					Total Volume:	43.73 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft						String Weight: Initial	61000.00 lb
Depth to Top Packer:	4274.00 ft						Final	61000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	18.00 ft							
Tool Length:	46.00 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			4247.00	
Shut In Tool	5.00			4252.00	
Hydraulic tool	5.00			4257.00	
Jars	5.00			4262.00	
Safety Joint	2.00			4264.00	
Packer	5.00			4269.00	28.00 Bottom Of Top Packer
Packer	5.00			4274.00	
Stubb	1.00			4275.00	
Recorder	0.00	6753	Inside	4275.00	
Perforations	14.00			4289.00	
Recorder	0.00	13400	Outside	4289.00	
Bullnose	3.00			4292.00	18.00 Bottom Packers & Anchor

Total Tool Length: 46.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Apollo Energies, Inc.

Riffey #1

10378 N 281 Hwy
Pratt, KS 67124

25-26s-11w

Job Ticket: 21516

DST#: 1

ATTN: Scott Alberg

Test Start: 2005.10.12 @ 05:26:36

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	GCM 100%m	0.257
0.00	Slight trace of GIP.	0.000

Total Length: 25.00 ft Total Volume: 0.257 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

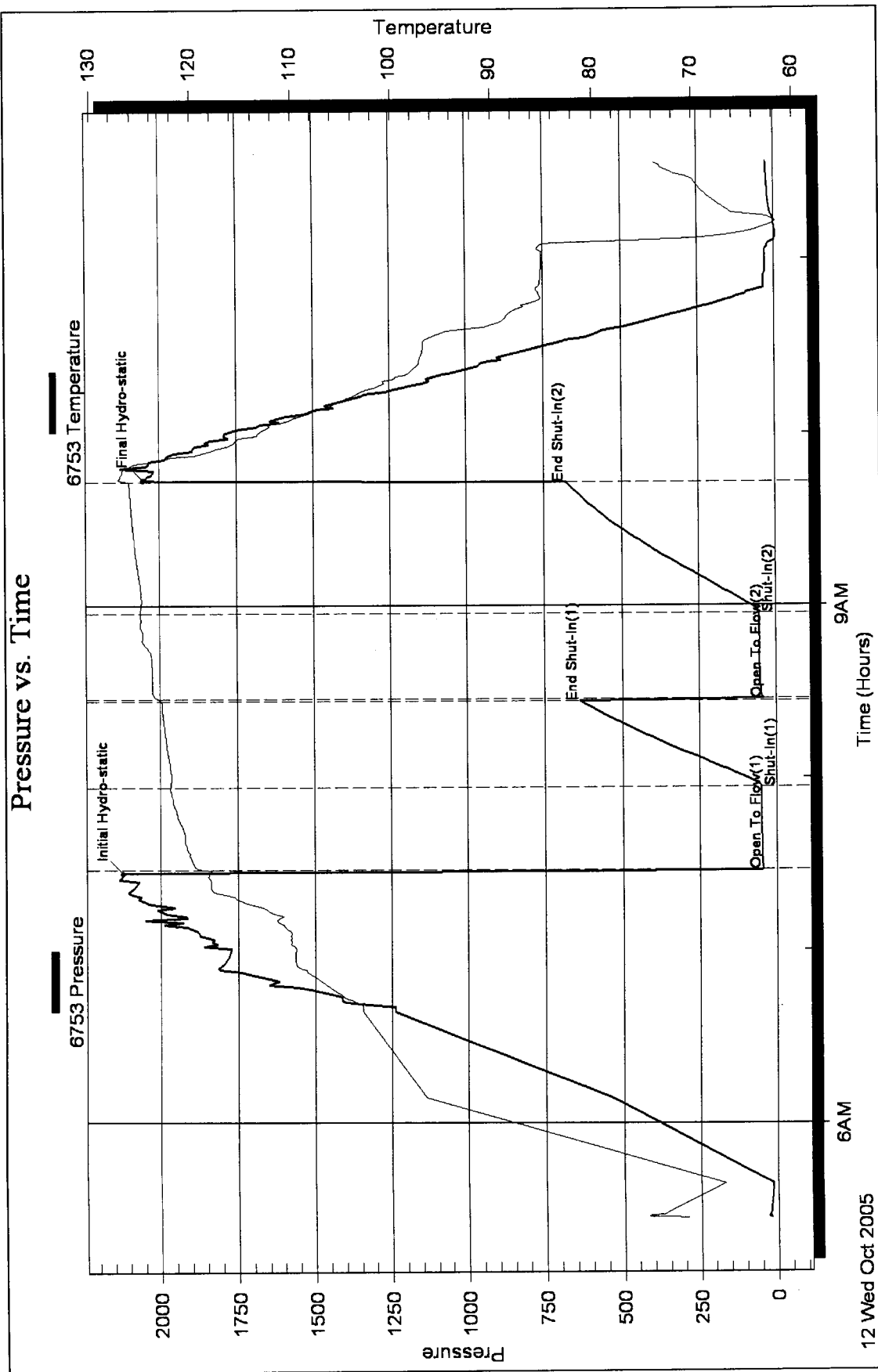
Serial #:

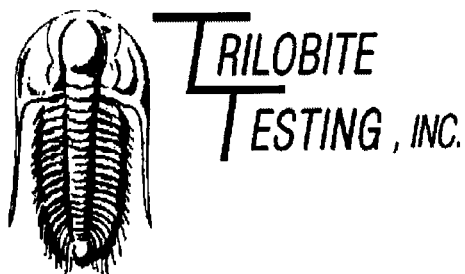
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Apollo Energies, Inc.**

10378 N 281 Hwy
Pratt, KS 67124

ATTN: Scott Alberg

25-26s-11w

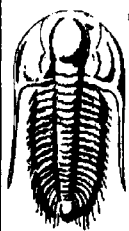
Riffey #1

Start Date: 2005.10.12 @ 17:58:07

End Date: 2005.10.13 @ 02:16:22

Job Ticket #: 21517 DST #: 2

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Apollo Energies, Inc.

10378 N 281 Hwy
Pratt, KS 67124

ATTN: Scott Alberg

Riffey #1

25-26s-11w

Job Ticket: 21517

DST#: 2

Test Start: 2005.10.12 @ 17:58:07

GENERAL INFORMATION:

Formation: **Viola**

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

Time Tool Opened: 19:56:07

Time Test Ended: 02:16:22

Test Type: **Conventional Bottom Hole**

Tester: **Davy Cline**

Unit No: **24**

Interval: **4274.00 ft (KB) To 4300.00 ft (KB) (TVD)**

Total Depth: **4300.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1808.00 ft (KB)**

1798.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6753

Inside

Press@RunDepth: **370.77 psig @ 4275.00 ft (KB)**

Start Date: **2005.10.12**

End Date: **2005.10.13**

Capacity: **7000.00 psig**

Last Calib.: **2005.10.13**

Start Time: **17:58:08**

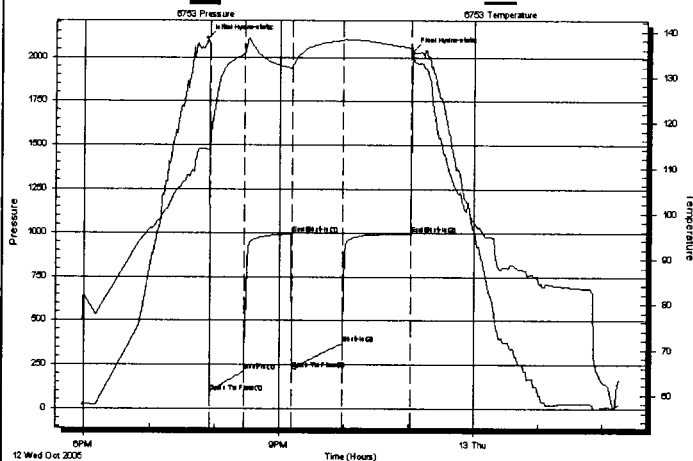
End Time: **02:16:22**

Time On Btm: **2005.10.12 @ 19:52:52**

Time Off Btm: **2005.10.12 @ 23:02:52**

TEST COMMENT: IF: Strong blow . BOB 1 min. GTS 15 min. Gauged gas.
IS: Bled off for 7 min. Had a slow increasing BOB blow in 10 min.
FF: Strong blow . BOB 10 min. Gauged gas.
FS: Bled off for 10 min. Had an imm

Pressure vs. Time



PRESSURE SUMMARY

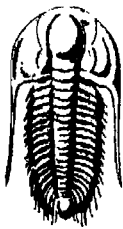
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2108.91	114.03	Initial Hydro-static
4	93.23	114.03	Open To Flow (1)
35	211.01	135.03	Shut-In(1)
79	995.06	131.87	End Shut-In(1)
79	222.11	132.60	Open To Flow (2)
125	370.77	138.02	Shut-In(2)
189	996.09	136.34	End Shut-In(2)
190	2034.08	134.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	G&WCM 25%g 15%w 60% m	1.90
125.00	G&MCW 5%g 55%w 40% m	1.28
490.00	SL MCW 96%w 4% m	5.03
0.00	Gas in all fluid free pipe.	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	2.75	62.82
Last Gas Rate	0.25	8.00	35.54
Max. Gas Rate	0.25	8.50	36.33



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Apollo Energies, Inc.

Riffey #1

10378 N 281 Hwy
Pratt, KS 67124

25-26s-11w

Job Ticket: 21517

DST#: 2

ATTN: Scott Alberg

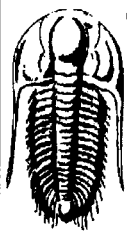
Test Start: 2005.10.12 @ 17:58:07

Tool Information

Drill Pipe:	Length: 4262.00 ft	Diameter: 3.25 inches	Volume: 43.73 bbl	Tool Weight:	2400.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	640000.0 lb
			<u>Total Volume: 43.73 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	4274.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	54.00 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			4247.00	
Shut In Tool	5.00			4252.00	
Hydraulic tool	5.00			4257.00	
Jars	5.00			4262.00	
Safety Joint	2.00			4264.00	
Packer	5.00			4269.00	28.00 Bottom Of Top Packer
Packer	5.00			4274.00	
Stubb	1.00			4275.00	
Recorder	0.00	6753	Inside	4275.00	
Perforations	22.00			4297.00	
Recorder	0.00	13400	Outside	4297.00	
Bullnose	3.00			4300.00	26.00 Bottom Packers & Anchor

Total Tool Length: 54.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Apollo Energies, Inc.

Riffey #1

10378 N 281 Hwy
Pratt, KS 67124

25-26s-11w

Job Ticket: 21517

DST#: 2

ATTN: Scott Alberg

Test Start: 2005.10.12 @ 17:58:07

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	G&WCM 25%g 15%w 60%m	1.898
125.00	G&MCW 5%g 55%w 40%m	1.283
490.00	SL MCW 96%w 4%m	5.028
0.00	Gas in all fluid free pipe.	0.000

Total Length: 800.00 ft

Total Volume: 8.209 bbl

Num Fluid Samples: 1

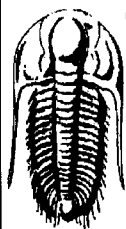
Num Gas Bombs: 0

Serial #: DC

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Apollo Energies, Inc.

Riffey #1

10378 N 281 Hwy
Pratt, KS 67124

25-26s-11w

Job Ticket: 21517

DST#: 2

ATTN: Scott Alberg

Test Start: 2005.10.12 @ 17:58:07

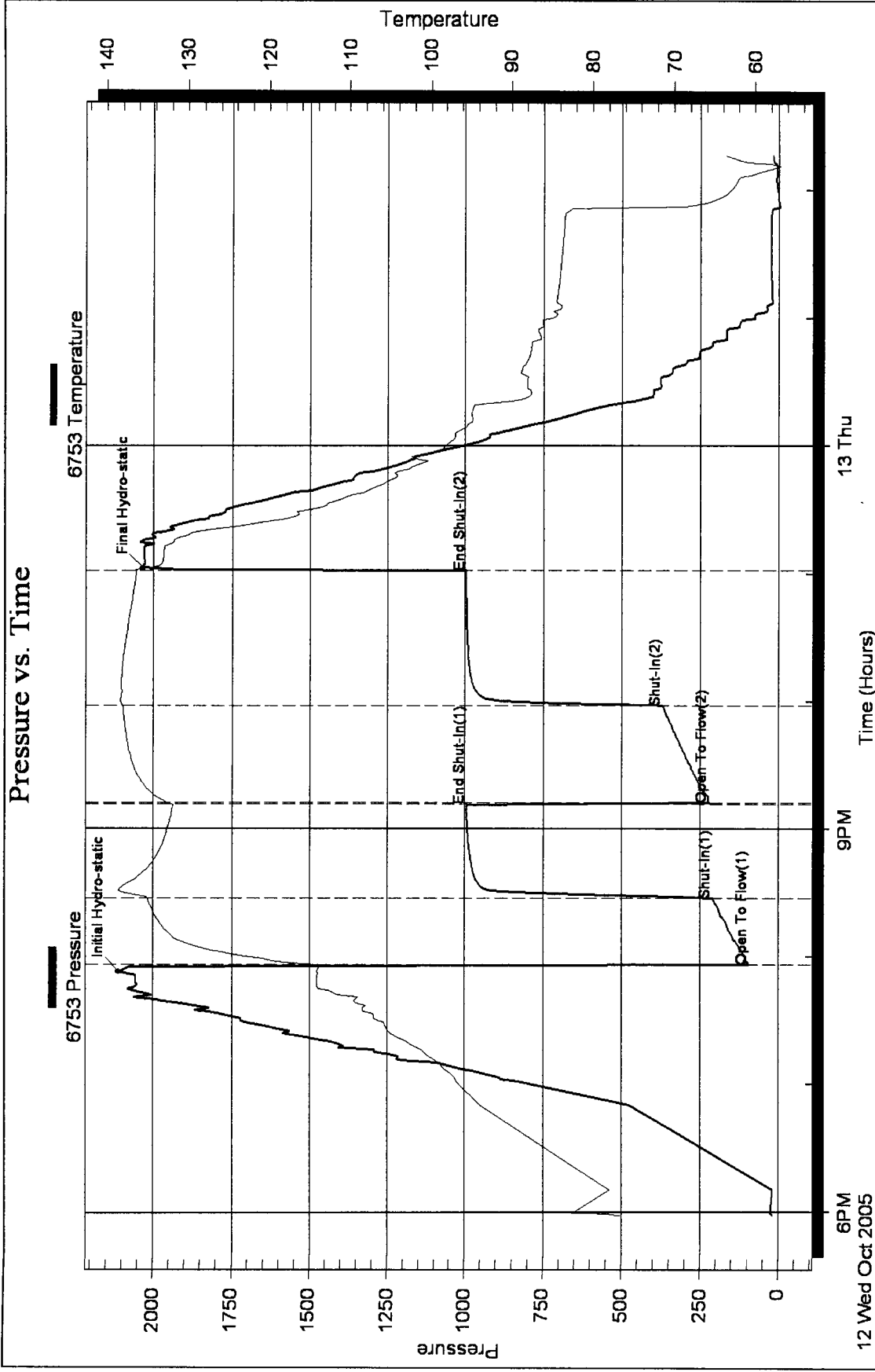
Gas Rates Information

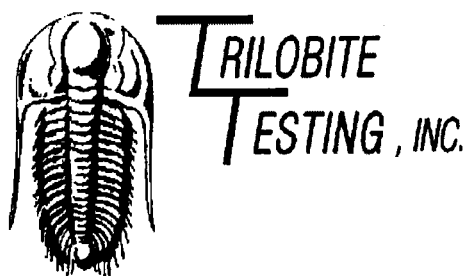
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.38	2.75	62.82
1	20	0.38	2.75	62.82
1	25	0.38	3.50	65.57
1	30	0.38	6.50	76.56
2	5	0.25	5.00	30.78
2	10	0.25	6.25	32.76
2	15	0.25	7.50	34.74
2	20	0.25	8.50	36.33
2	25	0.25	8.00	35.54

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Apollo Energies, Inc.**

10378 N 281 Hwy
Pratt, KS 67124

ATTN: Scott Alberg

25-26s-11w

Riffey #1

Start Date: 2005.10.13 @ 17:50:30

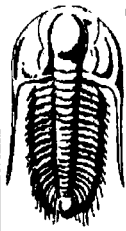
End Date: 2005.10.13 @ 22:58:15

Job Ticket #: 21518 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Apollo Energies, Inc.

10378 N 281 Hwy
Pratt, KS 67124

ATTN: Scott Alberg

Riffey #1

25-26s-11w

Job Ticket: 21518

DST#: 3

Test Start: 2005.10.13 @ 17:50:30

GENERAL INFORMATION:

Formation: **Kansas City**

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

Time Tool Opened: 00:00:00

Time Test Ended: 22:58:15

Test Type: **Conventional Straddle**

Tester: **Davy Cline**

Unit No: **24**

Interval: **3851.00 ft (KB) To 3878.00 ft (KB) (TVD)**

Total Depth: **4406.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1808.00 ft (KB)**

1798.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6753 **Inside**

Press@RunDepth: **psig @ 3852.00 ft (KB)**

Start Date: **2005.10.13** End Date: **2005.10.13**

Start Time: **17:50:31** End Time: **22:58:15**

Capacity: **7000.00 psig**

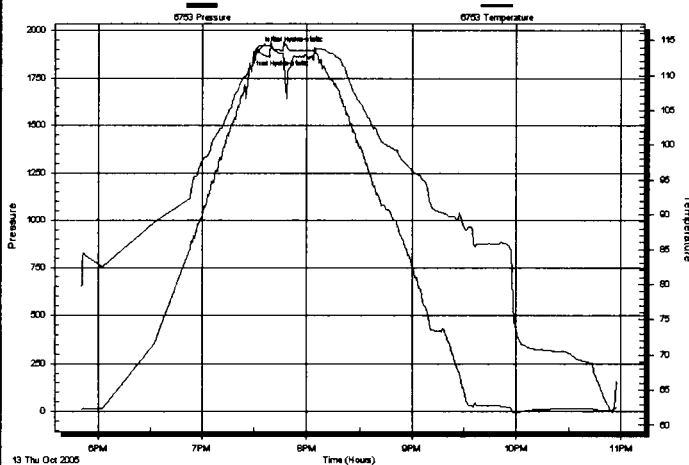
Last Calib.: **2005.10.13**

Time On Btm: **2005.10.13 @ 19:32:15**

Time Off Btm: **2005.10.13 @ 20:04:30**

TEST COMMENT: IF: Top packers did not hold when tool opened.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.66	114.09	Initial Hydro-static
33	1885.08	113.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
900.00	Drilling Mud	9.23

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Apollo Energies, Inc.

Riffey #1

10378 N 281 Hwy
Pratt, KS 67124

25-26s-11w

Job Ticket: 21518

DST#: 3

ATTN: Scott Alberg

Test Start: 2005.10.13 @ 17:50:30

Tool Information

Drill Pipe:	Length: 3835.00 ft	Diameter: 3.25 inches	Volume: 39.35 bbl	Tool Weight: 2400.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			Total Volume: 39.35 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3851.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	3878.00 ft			
Interval between Packers:	27.00 ft			
Tool Length:	583.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3824.00	
Shut In Tool	5.00			3829.00	
Hydraulic tool	5.00			3834.00	
Jars	5.00			3839.00	
Safety Joint	2.00			3841.00	
Packer	5.00			3846.00	28.00 Bottom Of Top Packer
Packer	5.00			3851.00	
Stubb	1.00			3852.00	
Recorder	0.00	6753	Inside	3852.00	
Perforations	22.00			3874.00	
Recorder	0.00	13249	Outside	3874.00	
Blank Off Sub	4.00			3878.00	27.00 Tool Interval
Packer	1.00			3879.00	
Change Over Sub	1.00			3880.00	
Blank Spacing	522.00			4402.00	
Change Over Sub	1.00			4403.00	
Recorder	0.00	13400	Outside	4403.00	
Bullnose	3.00			4406.00	528.00 Bottom Packers & Anchor
Total Tool Length:		583.00			



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DRILL STEM TEST REPORT

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Riffey #1

10378 N 281 Hwy
Pratt, KS 67124

25-26s-11w

Job Ticket: 21518

DST#: 3

ATTN: Scott Alberg

Test Start: 2005.10.13 @ 17:50:30

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: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
900.00	Drilling Mud	9.235

Total Length: 900.00 ft

Total Volume: 9.235 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

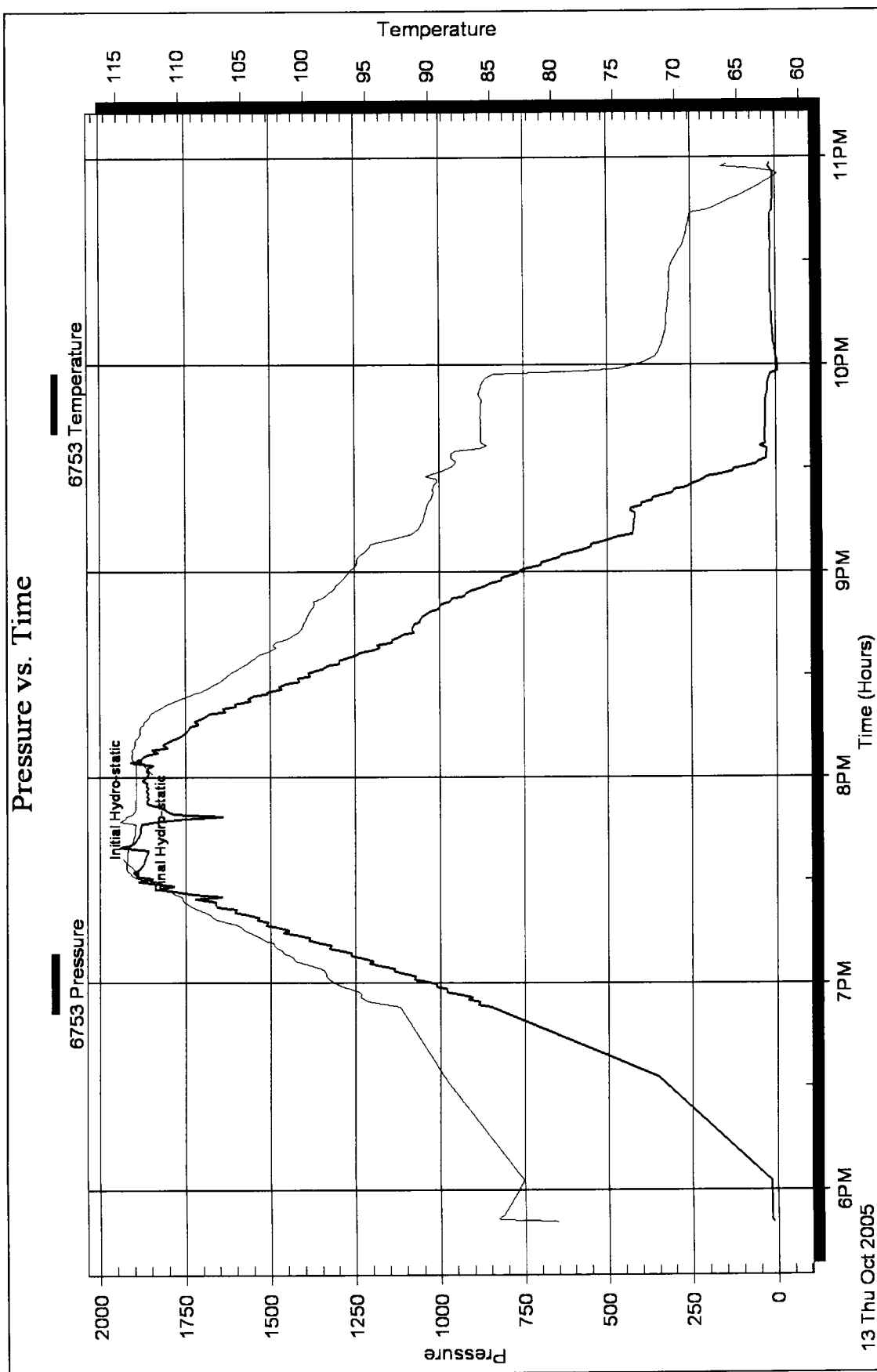
Serial #:

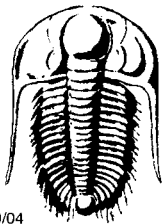
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

N^o 21516

Test Ticket

Well Name & No. Ritpey #1 Test No. 1 Date 10-12-05
 Company Apollo Energies, Inc. Zone Tested Viola
 Address 10378 N 281 Hwy. Pratt, Ks 67124 Elevation 1808 KB 1798 GL
 Co. Rep / Geo. Scott Alberg Cont. Val Energy - Rig 3 Est. Ft. of Pay — Por. — %
 Location: Sec. 25 Twp. 26s Rge. 11w Co. Pratt State KS
 No. of Copies 5 Distribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 4274 - 4292 Initial Str Wt./Lbs. 61,000 Unseated Str Wt./Lbs. 61,000
 Anchor Length 18' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 63,000
 Top Packer Depth 4269 Tool Weight 2400
 Bottom Packer Depth 4274 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4292 Wt. Pipe Run — Drill Collar Run 0
 Mud Wt. 9.3 LCM — Vis. 49 WL 9.6 Drill Pipe Size 4 1/2" XH Ft. Run 4262

Blow Description IF: Strong blow. Slow increasing BOB blow in 9 min 40 sec.

ISI: Bled off. No blow back.

FF: Strong blow. BOB Immediately.

FSI: Bled off. No blow back

Recovery - Total Feet — GIP trace Ft. in DC 0 Ft. in DP —
 Rec. 25 Feet of GCM %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 —
 Rec. — Feet of — %gas — %oil — %water — %mud —
 BHT 126 °F Gravity — °API D @ — °F Corrected Gravity — °API
 RW — @ — °F Chlorides — ppm Recovery — Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud	2122 PSI	Recorder No.	6753	Test	✓	1100
(B) First Initial Flow Pressure	42 PSI	(depth)	4275	Jars	✓	200
(C) First Final Flow Pressure	48 PSI	Recorder No.	13400	Safety Jt.	✓	50
(D) Initial Shut-In Pressure	638 PSI	(depth)	4289	Circ Sub	✓	NC
(E) Second Initial Flow Pressure	39 PSI	Recorder No.	—	Sampler	—	—
(F) Second Final Flow Pressure	52 PSI	(depth)	—	Straddle	—	—
(G) Final Shut-In Pressure	680 PSI	Initial Opening	30	Ext. Packer	—	—
(Q) Final Hydrostatic Mud	2052 PSI	Initial Shut-In	30	Shale Packer	—	—
		Final Flow	30	Ruined Packer	—	38
		Final Shut-In	45	Mileage	✓	38 + total
		T-On Location	03:30	Sub Total:	—	1388
		T-Started	05:26	Std. By	—	—
		T-Open	07:27	Other	✓	Accessibility Charge
		T-Pulled	9:45	Total:	—	\$1538
		T-Out	11:30			

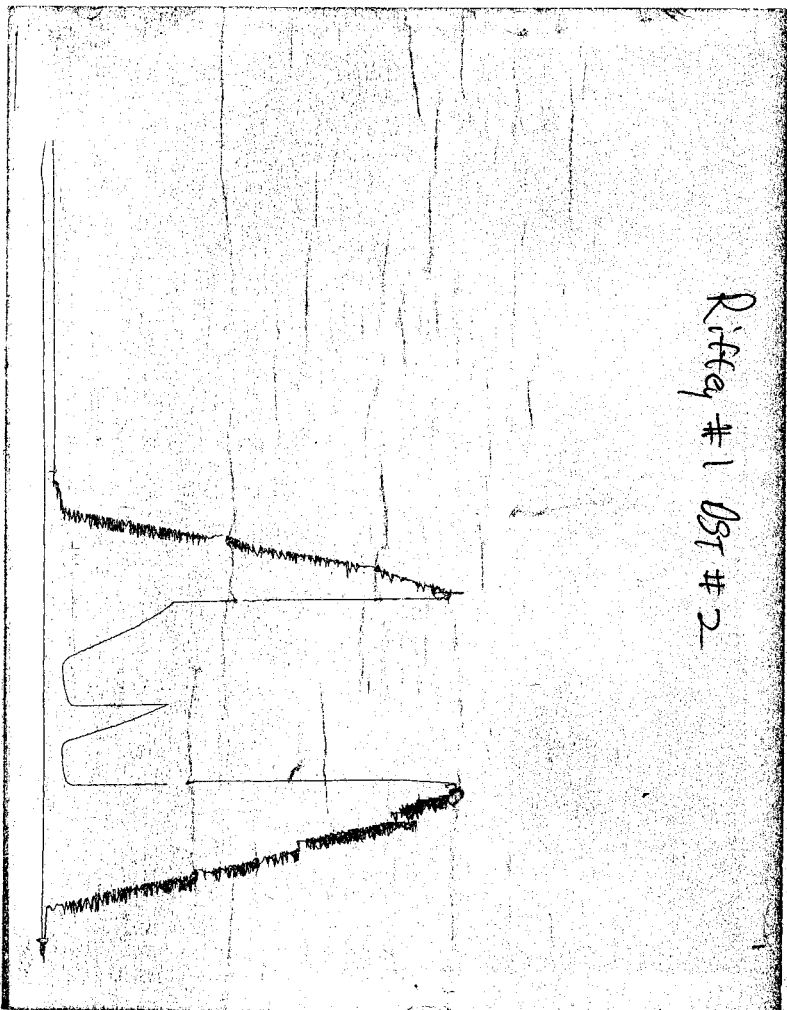
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

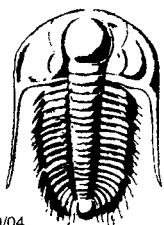
Approved By Scott Alberg
 Our Representative Danny Chino

CHART PAGE

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

Riffa #1 BT #2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21517

9/04

Test Ticket

Well Name & No.	Riffey #1	Test No.	2	Date	10-12-05
Company	Apollo Energies, Inc.	Zone Tested	Viola		
Address	10378 N 281 Hwy Pratt, KS 67124	Elevation	1808	KB	1798
Co. Rep / Geo.	Scott Alberg	Cont.	Val Energy - Rig 3	Est. Ft. of Pay	—
Location: Sec.	25	Twp.	26s	Rge.	11w
No. of Copies	5	Co.	Pratt	State	KS
Disbtribution Sheet (Y, N)	—	Turnkey (Y, N)	—	Evaluation (Y, N)	—

Interval Tested	4274 - 4300	Initial Str Wt./Lbs.	59,000	Unseated Str Wt./Lbs.	62,000
Anchor Length	26	Wt. Set Lbs.	20,000	Wt. Pulled Loose/Lbs.	64,000
Top Packer Depth	4269	Tool Weight	2400		
Bottom Packer Depth	4274	Hole Size 7 7/8"	✓	Rubber Size 6 3/4"	✓
Total Depth	4300	Wt. Pipe Run	—	Drill Collar Run	0
Mud Wt.	9.3 LCM	Drill Pipe Size	4 1/2" XH	Ft. Run	4262
Vis.	49				
WL	9.6				
Blow Description	IF: Strong blow. BOB 1 min. GTS 15 min. Gauged gas. ISI: Bled off for 7 min. Had a slow increasing BOB blow in 10 min. FF: Strong blow. BOB 10 sec. Gauged gas. FSI: Bled off for 10 min. Had an immediate BOB blow that blew throughout shut-in.				
Recovery - Total Feet	800	GIP	yes	Ft. in DC	0
				Ft. in DP	800
Rec.	185	Feet of G & WCM	25	%gas	15
				%oil	60
Rec.	125	Feet of G & MCW	5	%gas	55
				%oil	48
Rec.	490	Feet of SI MCW		%gas	96
				%oil	4
Rec.		Feet of		%gas	
				%oil	
Rec.		Feet of		%gas	
				%oil	
BHT	136	°F Gravity		°F Corrected Gravity	
		°API D @		°API	
RW	.16 ohms @ 60	°F		Chlorides	5000
				ppm Recovery	
				Chlorides	
				ppm System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	2109	PSI	Recorder No.	6753	Test	✓	1100
(B) First Initial Flow Pressure			93	PSI	(depth)	4275	Jars	✓	200
(C) First Final Flow Pressure			211	PSI	Recorder No.	13400	Safety Jt.	✓	50
(D) Initial Shut-In Pressure			445	PSI	(depth)	4297	Circ Sub		
(E) Second Initial Flow Pressure			222	PSI	Recorder No.	—	Sampler		
(F) Second Final Flow Pressure			371	PSI	(depth)	—	Straddle		
(G) Final Shut-In Pressure			496	PSI	Initial Opening	30	Ext. Packer		
(Q) Final Hydrostatic Mud			2034	PSI	Initial Shut-In	45	Shale Packer		
					Final Flow	45	Ruined Packer		
					Final Shut-In	66	Mileage	✓	38 + total 38
					T-On Location	17:30	Sub Total:		1388
					T-Started	17:58	Std. By	3/4	37.50
					T-Open	19:56	Other	✓	accessibility charge
					T-Pulled	23:00	Total:		81575.50
					T-Out	02:16			

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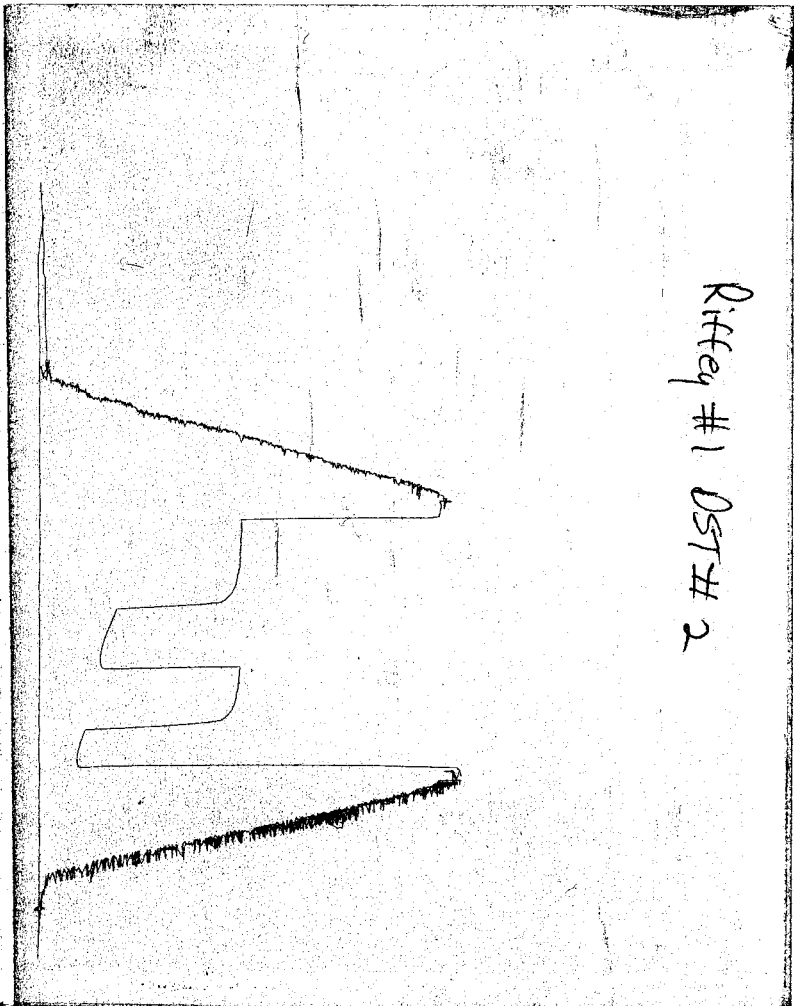
Approved By [Signature]

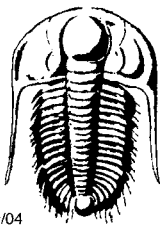
Our Representative Danny Cline

CHART PAGE

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

Ritney #1 OST # 2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21518

Test Ticket

Well Name & No. Rifley #1 Test No. 3 Date 10-12-05
Company Apollo Energies, Inc. Zone Tested Kansas City
Address 10378 N 281 Hwy. Pratt, KS 67124 Elevation 1808 KB 1798 GL
Co. Rep / Geo. Scott Alberg Cont. Val Energy - Rig 3 Est. Ft. of Pay — Por. — %
Location: Sec. 25 Twp. 26s Rge. 11w Co. Pratt State KS
No. of Copies 5 Distribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 3851 - 3878 Initial Str Wt./Lbs. 63,000 Unseated Str Wt./Lbs. 70000
Anchor Length 27' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 72,000
Top Packer Depth 3846 & 3851 Tool Weight 2400
Bottom Packer Depth 3878 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
Total Depth 4406 Wt. Pipe Run — Drill Collar Run Ø
Mud Wt. 8.7 LCM — Vis. 59 WL 12.8 Drill Pipe Size 4 1/2" XH Ft. Run 3835
Blow Description IF: Top packers did not hold when tool opened.

ISI:

FF:

FSI:

Recovery - Total Feet 900 GIP — Ft. in DC Ø Ft. in DP 900
Rec. 900 Feet of Drilling Mud %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 — °F Gravity — °API D @ — °F Corrected Gravity — °API
RW — @ — °F Chlorides — ppm Recovery — Chlorides 5000 ppm System

AK-1 Alpine 1895 PSI Recorder No. 6753 Test ✓ 1000
(A) Initial Hydrostatic Mud — PSI (depth) 3852 Jars ✓ 200
(B) First Initial Flow Pressure — PSI Recorder No. 13249 Safety Jt. ✓ 50
(C) First Final Flow Pressure — PSI (depth) 3874 Circ Sub —
(D) Initial Shut-In Pressure — PSI Recorder No. 13400 Sampler —
(E) Second Initial Flow Pressure — PSI (depth) 4003 Straddle ✓ 250
(F) Second Final Flow Pressure — PSI Initial Opening — Ext. Packer ✓ 150
(G) Final Shut-In Pressure — PSI Initial Shut-In — Shale Packer —
(Q) Final Hydrostatic Mud 1885 PSI Final Flow — Ruined Packer —
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Approved By Danny Cline T-On Location 17:00 Mileage ✓ 38 total
Our Representative Danny Cline T-Started 17:56 Sub Total: 1788
T-Open — Std. By 1588
T-Pulled 19:45 Other ✓ Accessibility Charge
T-Out 22:58 Total: 1938