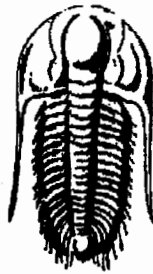


15-051-25506

10-11s-18w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

P O Box 87
Schoenchen KS 67687

ATTN: Jerry Green

10 11S 18 Ellis KS

Marianna #1

Start Date: 2006.04.20 @ 03:29:54

End Date: 2006.04.20 @ 12:10:53

Job Ticket #: 24824 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Castle Resources Inc

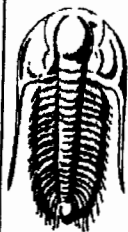
Marianna #1

10 11S 18 Ellis KS

DST # 1

LKC I,J,K

2006.04.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Castle Resources Inc

Marianna #1

P O Box 87
Schoenchen KS 67687

10 11S 18 Ellis KS

Job Ticket: 24824 **DST#: 1**

ATTN: Jerry Green

Test Start: 2006.04.20 @ 03:29:54

GENERAL INFORMATION:

Formation: **LKC I,J,K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:14:23

Time Test Ended: 12:10:53

Test Type: Conventional Straddle

Tester: Ray Schwager

Unit No: 28

Interval: **3274.00 ft (KB) To 3330.00 ft (KB) (TVD)**

Total Depth: 3545.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Poor

Reference Elevations: 1888.00 ft (KB)

1881.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8167 **Inside**

Press@RunDepth: 195.16 psig @ 3288.01 ft (KB)

Start Date: 2006.04.20

End Date:

2006.04.20

Start Time: 03:29:54

End Time:

12:10:53

Capacity: 7000.00 psig

Last Calib.: 2006.04.20

Time On Btrc: 2006.04.20 @ 06:13:53

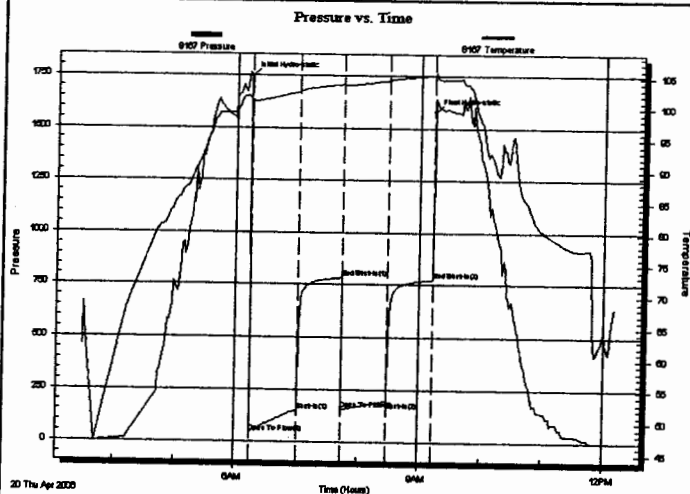
Time Off Btrc: 2006.04.20 @ 09:14:23

TEST COMMENT: FFP Wk to a fr bl 1/4" to 4 1/2" bl

FFP Surf to 1" bl

Times 45 4545 45

No bl on shut-in



PRESSURE SUMMARY

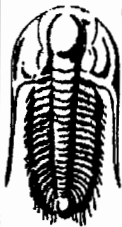
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1745.11	101.69	Initial Hydro-static
1	42.55	100.87	Open To Flow (1)
47	149.83	102.62	Shut-in(1)
90	782.50	103.81	End Shut-in(1)
90	155.59	103.52	Open To Flow (2)
135	195.16	104.43	Shut-in(2)
180	772.89	105.24	End Shut-in(2)
181	1576.40	105.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	MW 40%M 60%W w/show of oil	0.22
300.00	MW 20%M 80%W RW .21@66F	2.43

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc

Marianna #1

P O Box 87
Schoenchen KS 67687

10 11S 18 Ellis KS

Job Ticket: 24824

DST#: 1

ATTN: Jerry Green

Test Start: 2006.04.20 @ 03:29:54

Tool Information

Drill Pipe:	Length: 3036.00 ft	Diameter: 3.80 inches	Volume: 42.59 bbl	Tool Weight: 2200.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 43.77 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3274.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	3330.02 ft			
Interval between Packers:	56.02 ft			
Tool Length:	297.03 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			3254.00	
Shut In Tool	5.00			3259.00	
Hydraulic tool	5.00			3264.00	
Packer	5.00			3269.00	21.00 Bottom Of Top Packer
Packer	5.00			3274.00	
Stubb	1.00			3275.00	
Perforations	13.00			3288.00	
Recorder	0.01	8167	Inside	3288.01	
Blank Spacing	33.00			3321.01	
Recorder	0.01	13534	Outside	3321.02	
Perforations	5.00			3326.02	
Blank Off Sub	1.00			3327.02	
Blank Spacing	3.00			3330.02	56.02 Tool Interval
Packer	5.00			3335.02	
Stubb	1.00			3336.02	
Perforations	24.00			3360.02	
Recorder	0.01	13547	Below	3360.03	
Blank Spacing	187.00			3547.03	
Bullnose	3.00			3550.03	220.01 Bottom Packers & Anchor

Total Tool Length: 297.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

Marianna #1

P.O Box 87
Schoenchen KS 67687

10 11S 18 Ellis KS

Job Ticket: 24824

DST#: 1

ATTN: Jerry Green

Test Start: 2006.04.20 @ 03:29:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

39000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.34 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	MW 40%M 60%W w/show of oil	0.221
300.00	MW 20%M 80%W RW .21@66F	2.432

Total Length: 345.00 ft

Total Volume: 2.653 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

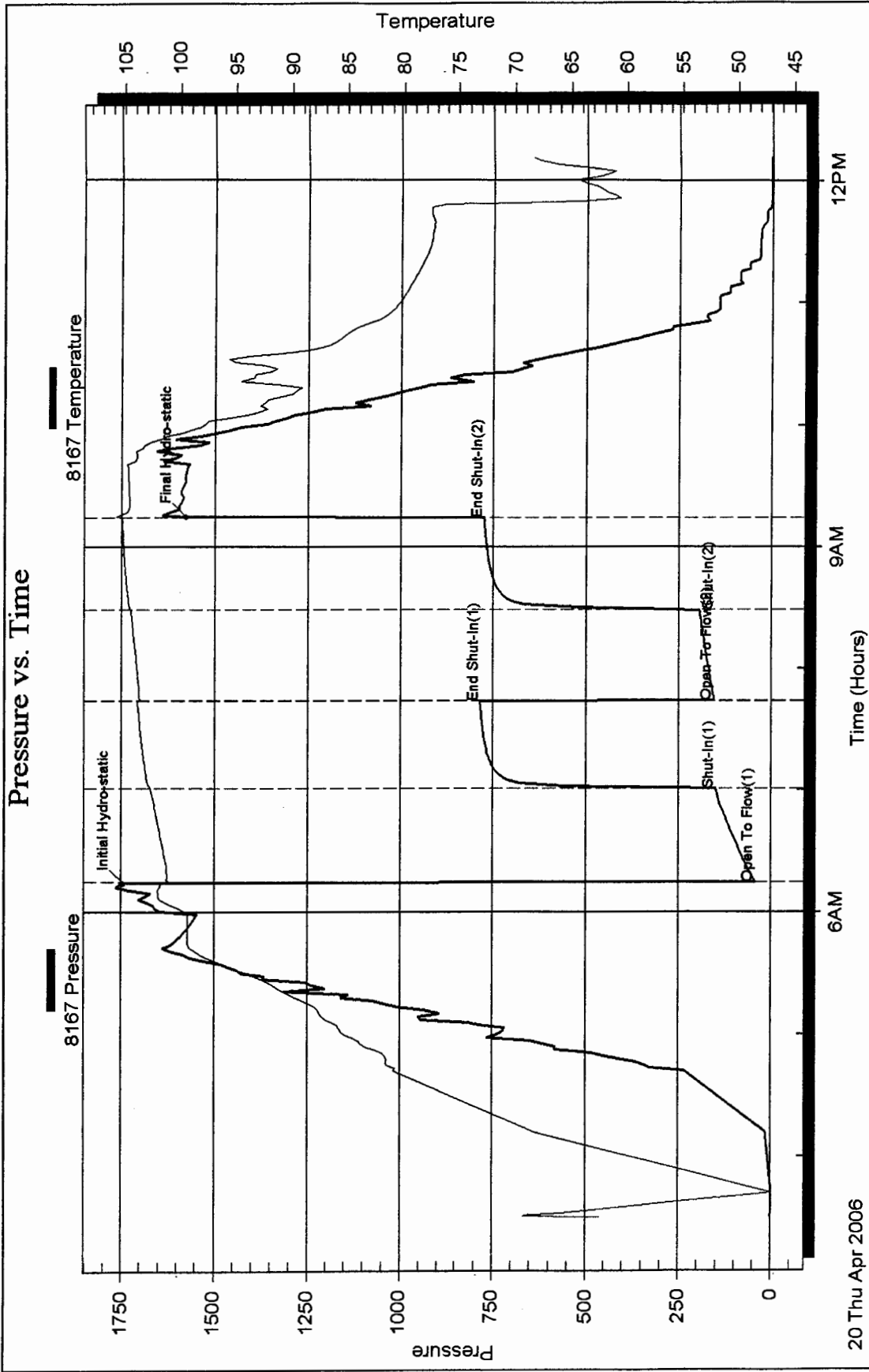
Serial #: 8167

Inside

Castle Resources Inc

10 11S 18 Ellis KS

DST Test Number: 1

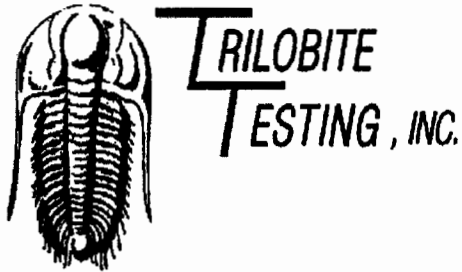


20 Thu Apr 2006

Trilobite Testing, Inc

Ref. No: 24824

Printed: 2006.04.21 @ 12:59:40 Page 5



DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

P O Box 87
Schoenchen KS 67687

ATTN: Jerry Green

10 11S 18 Ellis KS

Marianna #1

Start Date: 2006.04.20 @ 13:02:48

End Date: 2006.04.20 @ 19:48:47

Job Ticket #: 24825 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Castle Resources Inc

Marianna #1

10 11S 18 Ellis KS

DST # 2

LKC-C-D

2006.04.20



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Castle Resources Inc
 P O Box 87
 Schoenchen KS 67687
 ATTN: Jerry Green

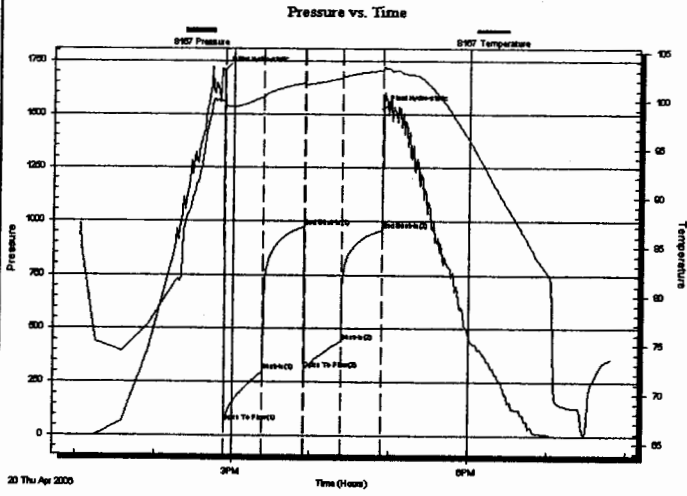
Marianna #1
10 11S 18 Ellis KS
 Job Ticket: 24825 **DST#: 2**
 Test Start: 2006.04.20 @ 13:02:48

GENERAL INFORMATION:

Formation: **LKC C-D**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Straddle**
 Time Tool Opened: **14:53:47**
 Tester: **Ray Schwager**
 Time Test Ended: **19:48:47**
 Unit No: **28**
 Interval: **3161.00 ft (KB) To 3186.00 ft (KB) (TVD)**
 Reference Elevations: **1888.00 ft (KB)**
 Total Depth: **3545.00 ft (KB) (TVD)**
1881.00 ft (CF)
 Hole Diameter: **7.85 inches** Hole Condition: **Poor**
 KB to GR/CF: **7.00 ft**

Serial #: 8167 **Inside**
 Press@RunDepth: **440.10 psig @ 3162.01 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2006.04.20** End Date: **2006.04.20** Last Calib.: **2006.04.21**
 Start Time: **13:02:48** End Time: **19:48:47** Time On Btrn: **2006.04.20 @ 14:53:17**
 Time Off Btrn: **2006.04.20 @ 16:54:47**

TEST COMMENT: FFP Strg bl in 3"
 FFP Strg bl in 4"
 Times 30 30 30 30
 ISIP Wk bl bk 1"bl FSIP w k bl bk 1/2"bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.53	99.96	Initial Hydro-static
1	61.84	99.53	Open To Flow (1)
30	299.67	100.38	Shut-In(1)
62	973.10	101.82	End Shut-In(1)
62	312.19	101.66	Open To Flow (2)
90	440.10	102.34	Shut-In(2)
121	957.84	103.11	End Shut-In(2)
122	1523.97	103.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	water w/scum of oil	2.86
300.00	SOCMW 1%O 5%M 94%M	4.21
120.00	SOCMW 4%O 10%M 86%W	1.68
135.00	OCMW 10%O 20%M 70%W	1.89
30.00	CO	0.42
0.00	135'GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc
P O Box 87
Schoenchen KS 67687

ATTN: Jerry Green

Marianna #1
10 11S 18 Ellis KS
Job Ticket: 24825 DST#: 2
Test Start: 2006.04.20 @ 13:02:48

Tool Information

Drill Pipe:	Length: 2912.00 ft	Diameter: 3.80 inches	Volume: 40.85 bbl	Tool Weight: 2200.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Full Loose: 55000.00 lb
			<u>Total Volume: 42.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3161.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	3186.02 ft			
Interval between Packers:	25.02 ft			
Tool Length:	410.03 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			3141.00	
Shut In Tool	5.00			3146.00	
Hydraulic tool	5.00			3151.00	
Packer	5.00			3156.00	21.00 Bottom Of Top Packer
Packer	5.00			3161.00	
Stubb	1.00			3162.00	
Recorder	0.01	8167	Inside	3162.01	
Perforations	13.00			3175.01	
Recorder	0.01	13534	Outside	3175.02	
Perforations	7.00			3182.02	
Blank Off Sub	1.00			3183.02	
Blank Spacing	3.00			3186.02	25.02 Tool Interval
Packer	5.00			3191.02	
Stubb	1.00			3192.02	
Perforations	10.00			3202.02	
Recorder	0.01	13547	Below	3202.03	
Blank Spacing	345.00			3547.03	
Bullnose	3.00			3550.03	364.01 Bottom Packers & Anchor

Total Tool Length: 410.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

Marianna #1

P O Box 87
Schoenchen KS 67687

10 11S 18 Ellis KS

Job Ticket: 24825

DST#: 2

ATTN: Jerry Green

Test Start: 2006.04.20 @ 13:02:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

46000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.32 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
360.00	water w/scum of oil	2.864
300.00	SOCMW 1%O 5%M 94%M	4.208
120.00	SOCMW 4%O 10%M 86%W	1.683
135.00	OCMW 10%O 20%M 70%W	1.894
30.00	CO	0.421
0.00	135'GIP	0.000

Total Length: 945.00 ft

Total Volume: 11.070 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

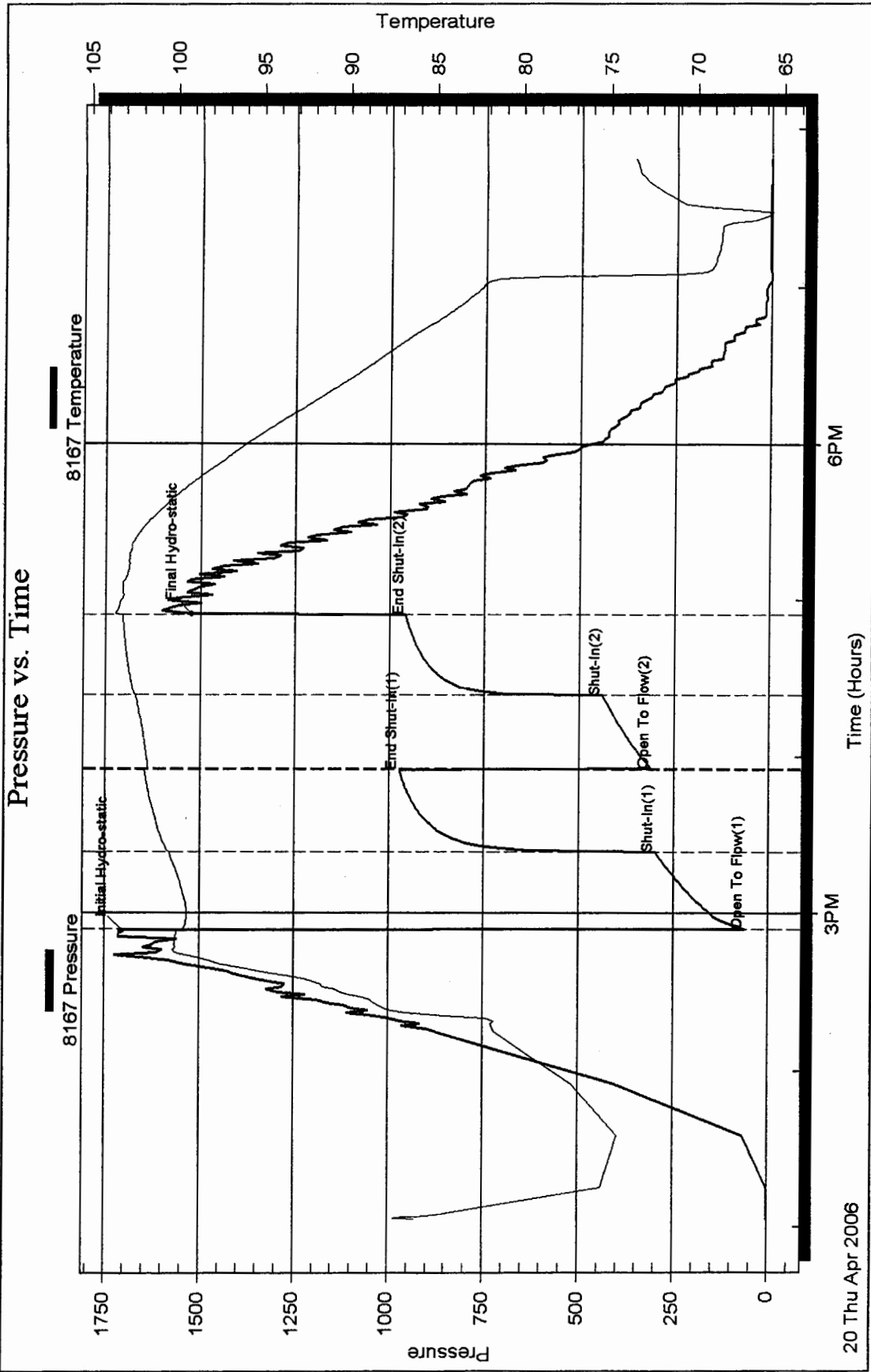
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .15@75F

Pressure vs. Time

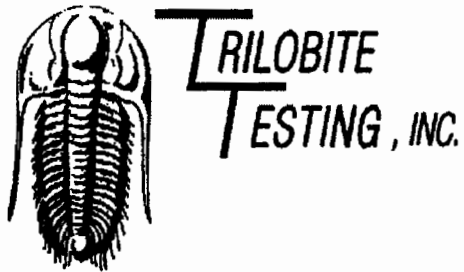


20 Thu Apr 2006

3PM

Time (Hours)

6PM



DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc**

P. O Box 87
Schoenchen KS 67687

ATTN: Jerry Green

10 11S 18 Ellis KS

Marianna #1

Start Date: 2006.04.21 @ 01:50:59

End Date: 2006.04.21 @ 10:01:58

Job Ticket #: 24276 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Castle Resources Inc

Marianna #1

10 11S 18 Ellis KS

DST # 3

Simp & Arb

2006.04.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Castle Resources Inc
P O Box 87
Schoenchen KS 67687
ATTN: Jerry Green

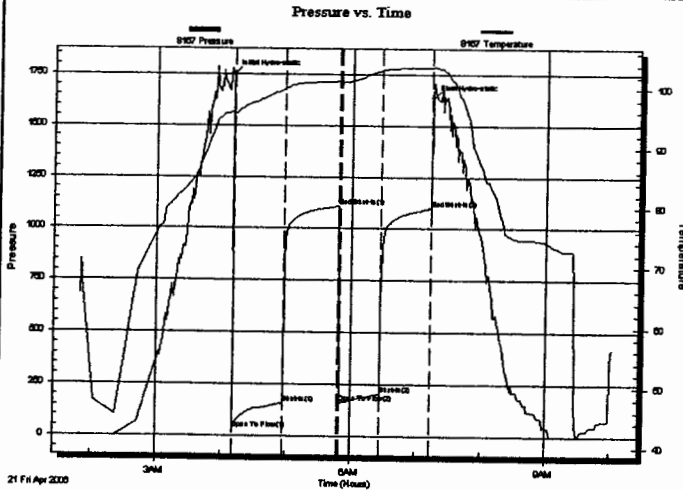
Marianna #1
10 11S 18 Ellis KS
Job Ticket: 24276 DST#: 3
Test Start: 2006.04.21 @ 01:50:59

GENERAL INFORMATION:

Formation: **Simp & Arb**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 04:10:58
Time Test Ended: 10:01:58
Test Type: **Conventional Straddle**
Tester: **Ray Schwager**
Unit No: **28**
Interval: **3420.00 ft (KB) To 3472.00 ft (KB) (TVD)**
Reference Elevations: **1888.00 ft (KB)**
Total Depth: **3545.00 ft (KB) (TVD)**
1881.00 ft (CF)
Hole Diameter: **7.85 inches** Hole Condition: **Poor**
KB to GR/CF: **7.00 ft**

Serial #: 8167 **Inside**
Press@RunDepth: **204.61 psig @ 3428.01 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2006.04.21** End Date: **2006.04.21** Last Calib.: **2006.04.21**
Start Time: **01:50:59** End Time: **10:01:58** Time On Btm: **2006.04.21 @ 04:10:28**
Time Off Btm: **2006.04.21 @ 07:13:58**

TEST COMMENT: FFP Wk to strg in 30"
FFP Wk to a fr bl 1" to 5" bl
Times 45 45 45 45
No bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1747.91	96.14	Initial Hydro-static
1	32.73	95.66	Open To Flow (1)
47	159.39	99.94	Shut-In(1)
98	1107.85	101.32	End Shut-In(1)
99	163.15	101.10	Open To Flow (2)
136	204.61	103.15	Shut-In(2)
183	1099.40	103.57	End Shut-In(2)
184	1633.24	103.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MGO 10%G 50%O 40%M	0.59
120.00	MGO 14%G 78%O 8%M	0.59
200.00	CO	2.81

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc
P O Box 87
Schoenchen KS 67687

ATTN: Jerry Green

Marianna #1
10 11S 18 Ellis KS
Job Ticket: 24276 **DST#: 3**
Test Start: 2006.04.21 @ 01:50:59

Tool Information

Drill Pipe:	Length: 3189.00 ft	Diameter: 3.80 inches	Volume: 44.73 bbl	Tool Weight: 2200.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 45.91 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3420.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	3472.02 ft			
Interval between Packers:	52.02 ft			
Tool Length:	150.03 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			3400.00	
Shut In Tool	5.00			3405.00	
Hydraulic tool	5.00			3410.00	
Packer	5.00			3415.00	21.00 Bottom Of Top Packer
Packer	5.00			3420.00	
Stubb	1.00			3421.00	
Perforations	7.00			3428.00	
Recorder	0.01	8167	Inside	3428.01	
Blank Spacing	33.00			3461.01	
Recorder	0.01	13534	Outside	3461.02	
Perforations	7.00			3468.02	
Blank Off Sub	1.00			3469.02	
Blank Spacing	3.00			3472.02	52.02 Tool Interval
Packer	5.00			3477.02	
Stubb	1.00			3478.02	
Perforations	5.00			3483.02	
Recorder	0.01	13547	Below	3483.03	
Blank Spacing	63.00			3546.03	
Bullnose	3.00			3549.03	77.01 Bottom Packers & Anchor

Total Tool Length: 150.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

Marianna #1

P O Box 87
Schoenchen KS 67687

10 11S 18 Ellis KS

Job Ticket: 24276

DST#: 3

ATTN: Jerry Green

Test Start: 2006.04.21 @ 01:50:59

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

18 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 85.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	MGO 10%G 50%O 40%M	0.590
120.00	MGO 14%G 78%O 8%M	0.590
200.00	CO	2.805

Total Length: 440.00 ft

Total Volume: 3.985 bbl

Num Fluid Samples: 0

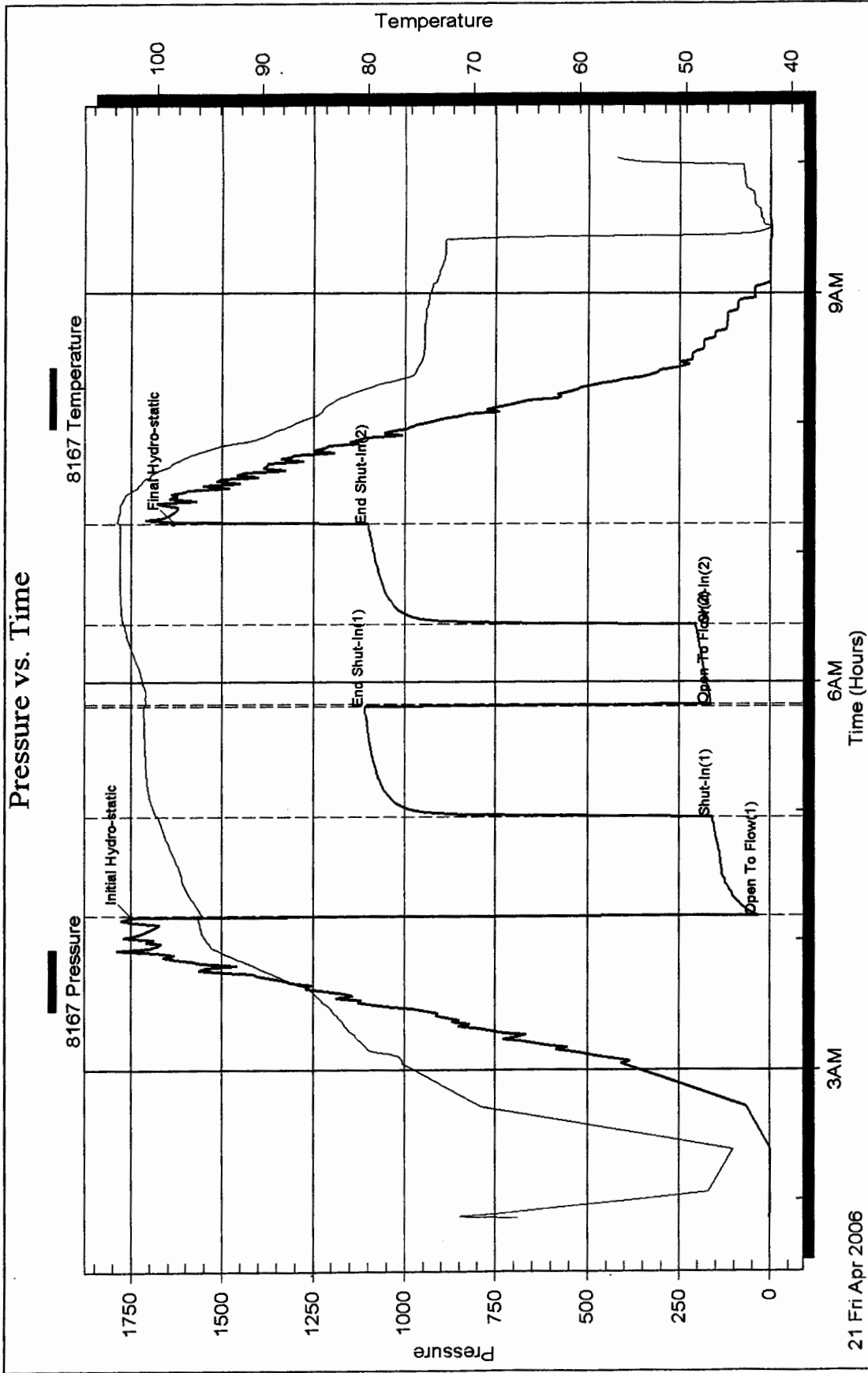
Num Gas Bombs: 0

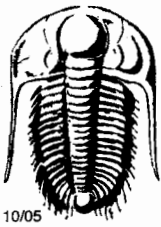
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8671

No 24824

Test Ticket

Well Name & No. MARIANNA #1 Test No. 1 Date 4-20-06
 Company Castle Resources Inc Zone Tested LKC I, J, K
 Address P.O. Box 87 Schoenchen, Ko 67687 Elevation 1888 KB 1881 GL
 Co. Rep / Geo. Jerry Green + Chris Bean Rig Landmark Delg
 Location: Sec. 10 Twp. 11^s Rge. 18^w Co. ELLIS State Ko
 Comment: _____ Release date / time: _____

Interval Tested 3274-3330 Initial Str Wt./Lbs. 44000 Unseated Str Wt./Lbs. 45000
 Anchor Length 56 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
 Top Packer Depth 3274-3269 Tool Weight 2200
 Bottom Packer Depth 3330 Hole Size 7 7/8" — Rubber Size 6 3/4" —
 Total Depth 3545 Wt. Pipe Run — Drill Collar Run 240
 Mud Wt. 9.6 LCM 3# Vis. 64 WL 8.4 Drill Pipe Size 4 1/2 x H Ft. Run 3036
 Blow Description JFP - WEAK TO A FAIR BLOW 1/4" TO 4 1/2" BLOW
FFP - WEAK BLOW THROUGH SURFACE TO 1" BLOW
NO BLOW ON SHUT-IN

Recovery - Total Feet 345 GIP — Ft. in DC 240 Ft. in DP 105
 Rec. 45 Feet of MW w/ show of oil %gas _____ %oil 60 %water 40 %mud _____
 Rec. 300 Feet of MW %gas _____ %oil 80 %water 20 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 105 °F Gravity — °API D @ — °F Corrected Gravity — °API
 RW .21 @ 60 °F Chlorides 39000 ppm Recovery _____ Chlorides 3000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		1621 PSI	8167	✓ 100
(B) First Initial Flow Pressure		42 PSI	(depth) 3288	Jars _____
(C) First Final Flow Pressure		149 PSI	Recorder No. 13534	Safety Jt. _____
(D) Initial Shut-In Pressure		782 PSI	(depth) 3321	Circ Sub _____
(E) Second Initial Flow Pressure		155 PSI	Recorder No. 13547	Sampler _____
(F) Second Final Flow Pressure		195 PSI	(depth) 3355	Straddle ✓ 350
(G) Final Shut-In Pressure		772 PSI	Initial Opening 45	Ext. Packer ✓ 200
(Q) Final Hydrostatic Mud		1589 PSI	Initial Shut-In 45	Shale Packer _____

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Approved By Chris A. Bean
 Our Representative Ray Schwager

Final Flow 45
 Final Shut-In 45
 T-On Location 0145
 T-Started 0329
 T-Open 0615
 T-Pulled 0915
 T-Out 1210
 Mileage ✓ 38 RT - 4250
 Sub Total: 1597.50
 Std. By 2.5 125
 Acc. Chg: _____
 Other: _____
 Total: \$1772.50

CHART PAGE

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

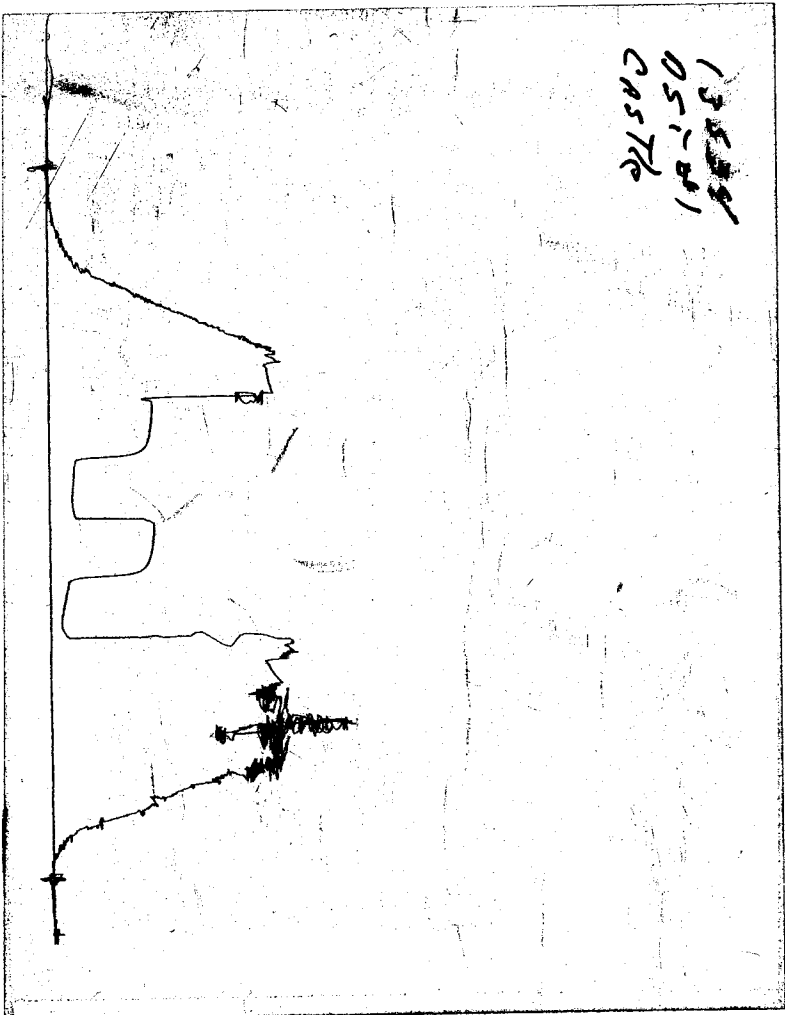
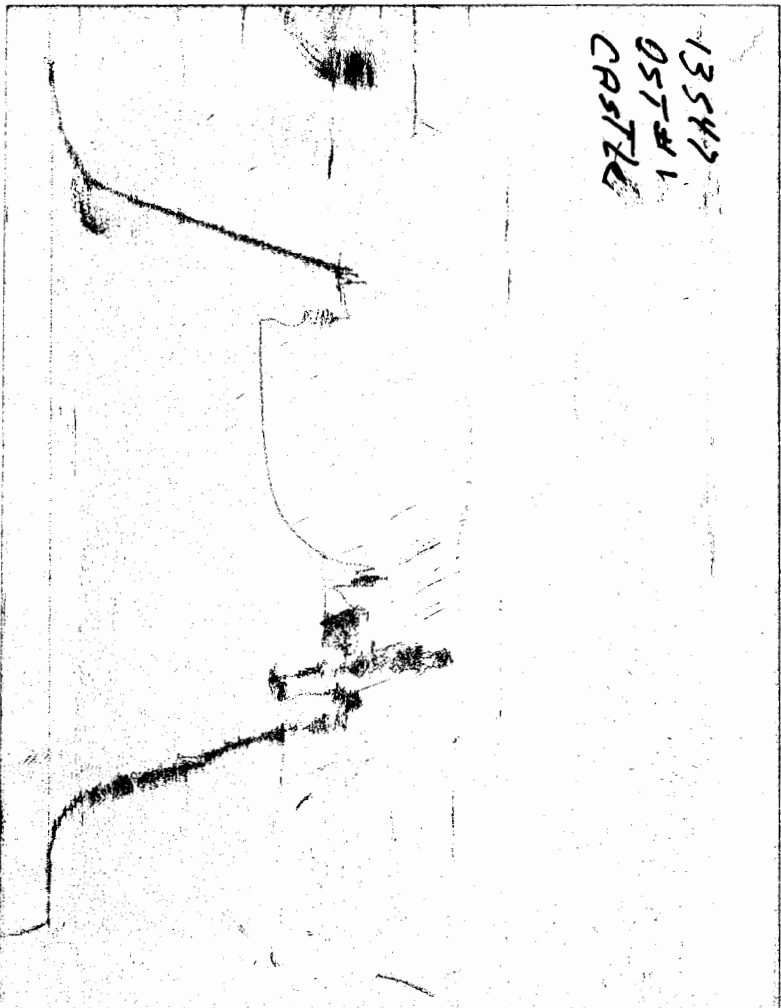
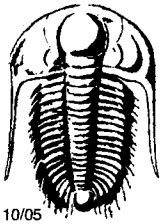


CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

No 24825

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. MARIANA #1 Test No. 2 Date 4-20-06
 Company Castle Resources Inc Zone Tested LKC C-0
 Address P.O. Box 87 Schoenchen, Ks 67687 Elevation 1888 KB 1881 GL
 Co. Rep / Geo. JERRY GREEN & CHRIS BEAN Rig Landmark Dalg
 Location: Sec. 10 Twp. 11^s Rge. 18^w Co. ELLIS State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3161 - 3186 Initial Str Wt./Lbs. 43000 Unseated Str Wt./Lbs. 48000
 Anchor Length 25 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
 Top Packer Depth 3161 - 3156 Tool Weight 2200
 Bottom Packer Depth 3186 Hole Size 7 7/8" — Rubber Size 6 3/4" —
 Total Depth 3545 Wt. Pipe Run — Drill Collar Run 240
 Mud Wt. 9.6 LCM 3# Vis. 6.4 WL 7.2 Drill Pipe Size 4 1/2 KH Ft. Run 2912

Blow Description IFP - STRONG BLOW IN 3 MIN
FFP - STRONG BLOW IN 4 MIN
ISTP - WEAK BLOW BACK 1" BLOW
FSIP - WEAK BLOW BACK 1/2" BLOW

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>945</u>	<u>135</u>	<u>240</u>	<u>705</u>
Rec. <u>135</u>	Feet of <u>DC MW</u>	%gas <u>10</u> %oil <u>70</u>	%water <u>20</u> %mud <u>—</u>
Rec. <u>120</u>	Feet of <u>50C MW</u>	%gas <u>4</u> %oil <u>86</u>	%water <u>10</u> %mud <u>—</u>
Rec. <u>300</u>	Feet of <u>50C MW</u>	%gas <u>1</u> %oil <u>94</u>	%water <u>5</u> %mud <u>—</u>
Rec. <u>360</u>	Feet of <u>WATER w/ scum float</u>	%gas <u>—</u> %oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
Rec. <u>30</u>	Feet of <u>Clean Oil</u>	%gas <u>—</u> %oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
BHT <u>103</u>	°F Gravity <u>29</u>	°API D @ <u>60</u>	°F Corrected Gravity <u>29</u> °API <u>—</u>
RW <u>.15</u>	@ <u>75</u> °F	Chlorides <u>46000</u> ppm Recovery <u>—</u>	Chlorides <u>3000</u> ppm System <u>—</u>

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1609</u> PSI	<u>1609</u> PSI	<u>8167</u>	<u>1000</u>
(B) First Initial Flow Pressure	<u>61</u> PSI	<u>61</u> PSI	<u>3162</u>	Jars <u>—</u>
(C) First Final Flow Pressure	<u>299</u> PSI	<u>299</u> PSI	<u>13534</u>	Safety Jt. <u>—</u>
(D) Initial Shut-In Pressure	<u>973</u> PSI	<u>973</u> PSI	<u>3175</u>	Circ Sub <u>—</u>
(E) Second Initial Flow Pressure	<u>312</u> PSI	<u>312</u> PSI	<u>13547</u>	Sampler <u>—</u>
(F) Second Final Flow Pressure	<u>440</u> PSI	<u>440</u> PSI	<u>3197</u>	Straddle <u>350</u>
(G) Final Shut-In Pressure	<u>957</u> PSI	<u>957</u> PSI	<u>30</u>	Ext. Packer <u>200</u>
(Q) Final Hydrostatic Mud	<u>1548</u> PSI	<u>1548</u> PSI	<u>30</u>	Shale Packer <u>—</u>

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Approved By [Signature]
 Our Representative RAY SCHWAGER Thank you

Final Flow	<u>30</u>	Ruined Packer	<u>—</u>
Final Shut-In	<u>30</u>	Mileage	<u>✓ N/C</u>
T-On Location	<u>1210</u>	Sub Total:	<u>1550</u>
T-Started	<u>1302</u>	Std. By <u>1.5</u>	<u>75</u>
T-Open	<u>1455</u>	Acc. Chg:	<u>—</u>
T-Pulled	<u>1655</u>	Other:	<u>—</u>
T-Out	<u>1948</u>	Total:	<u>\$1625</u>

CHART PAGE

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

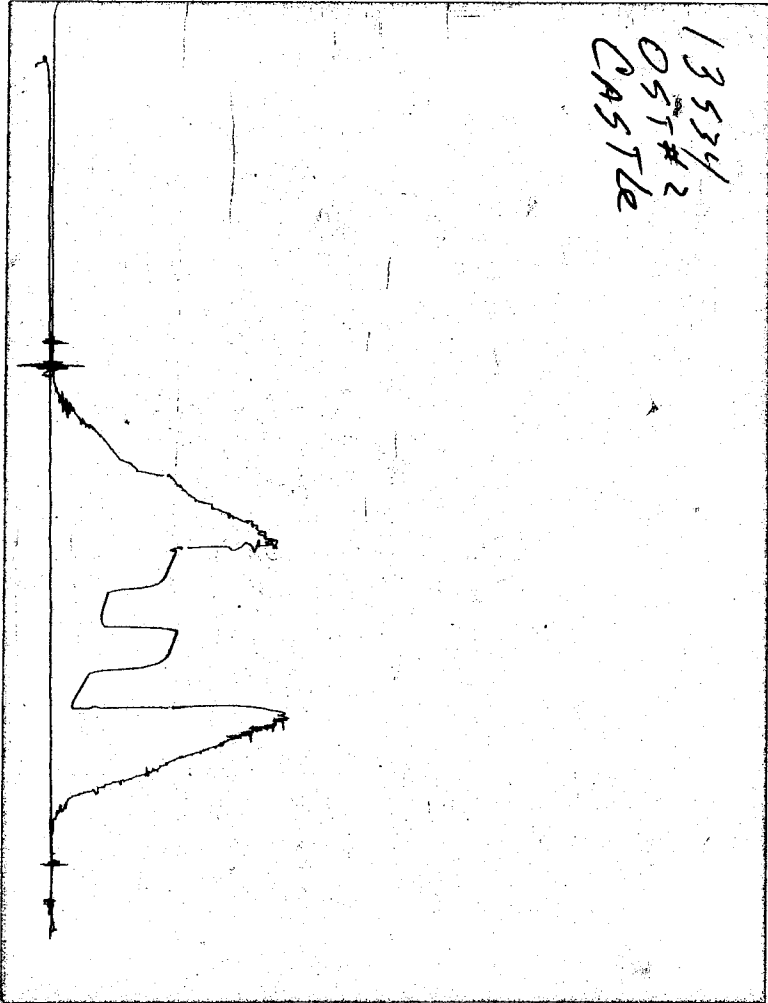
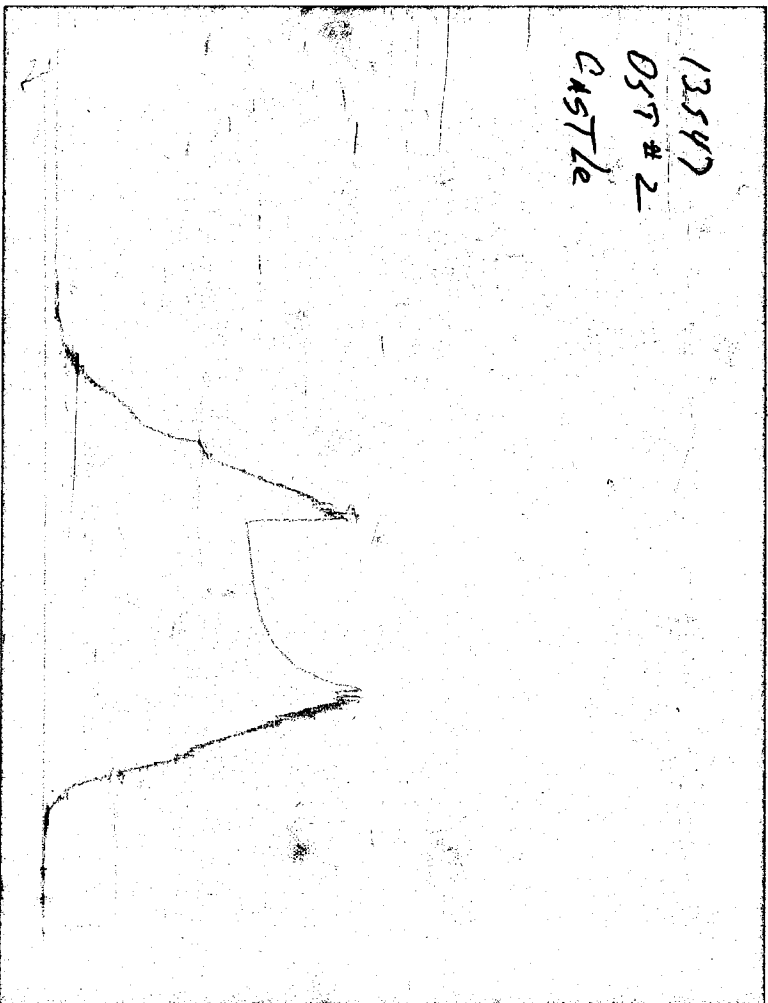
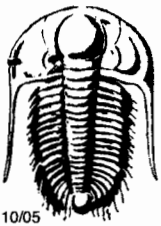


CHART PAGE

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TRILOBITE TESTING INC.

No 24276

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. MARIANNA #1 Test No. 3 Date 4-21-06
 Company Castle Resources Inc Zone Tested Simp + Arb
 Address P.O. Box 87 Schoenchen, Ko 67687 Elevation 1888 KB 1881 GL
 Co. Rep / Geo. Jerry Green + Chris Bean Rig Landmark Dr/g
 Location: Sec. 10 Twp. 11^s Rge. 18^w Co. ELLIS State Ko
 Comment: _____ Release date / time: _____

Interval Tested 3420-3472 Initial Str Wt./Lbs. 44000 Unseated Str Wt/Lbs. 48000
 Anchor Length 52 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 3420-3415 Tool Weight 2200
 Bottom Packer Depth 3472 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3545 Wt. Pipe Run - Drill Collar Run 240
 Mud Wt. 9.4 LCM 1 1/2 # Vis. 85 WL 10 Drill Pipe Size 4 1/2 X 4 Ft. Run 3189
 Blow Description IFP - WEAK TO STRONG IN 30 MIN
FFP - WEAK TO TO A FAIR BLOW 1" TO 5" BLOW
ISIP - NO BLOW
FSIP - NO BLOW

Recovery - Total Feet 440 GIP - Ft. in DC 240 Ft. in DP 200
 Rec. 200 Feet of CO %gas %oil %water %mud
 Rec. 120 Feet of MGO 14 %gas 78 %oil %water 8 %mud
 Rec. 120 Feet of MGO 10 %gas 50 %oil %water 40 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 103 °F Gravity 18 °API D @ 60 °F Corrected Gravity 18 °API
 RW - @ - °F Chlorides _____ ppm Recovery _____ Chlorides 3600 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1670 PSI	Recorder No.	<u>8167</u>	Test	<input checked="" type="checkbox"/>	<u>1000</u>
(B) First Initial Flow Pressure			<u>33</u> PSI	(depth)	<u>3428</u>	Jars		
(C) First Final Flow Pressure			<u>159</u> PSI	Recorder No.	<u>13534</u>	Safety Jt.		
(D) Initial Shut-In Pressure			<u>1107</u> PSI	(depth)	<u>3461</u>	Circ Sub		
(E) Second Initial Flow Pressure			<u>163</u> PSI	Recorder No.	<u>13547</u>	Sampler		
(F) Second Final Flow Pressure			<u>204</u> PSI	(depth)	<u>3478</u>	Straddle	<input checked="" type="checkbox"/>	<u>350</u>
(G) Final Shut-In Pressure			<u>1099</u> PSI	Initial Opening	<u>45</u>	Ext. Packer	<input checked="" type="checkbox"/>	<u>220</u>
(Q) Final Hydrostatic Mud			<u>1620</u> PSI	Initial Shut-In	<u>45</u>	Shale Packer		
				Final Flow	<u>45</u>	Ruined Packer		
				Final Shut-In	<u>45</u>	Mileage	<input checked="" type="checkbox"/>	<u>38 RT 47.50</u>
				T-On Location	<u>0130</u>	Sub Total:		<u>\$1597.50</u>
				T-Started	<u>0150</u>	Std. By	<u>2</u>	<u>25</u>
				T-Open	<u>0410</u>	Acc. Chg:		
				T-Pulled	<u>0710</u>	Other:		
				T-Out	<u>1001</u>	Total:		<u>\$1622.50</u>

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Approved By [Signature]
 Our Representative RAY SCHWAGER THANK you

CHART PAGE

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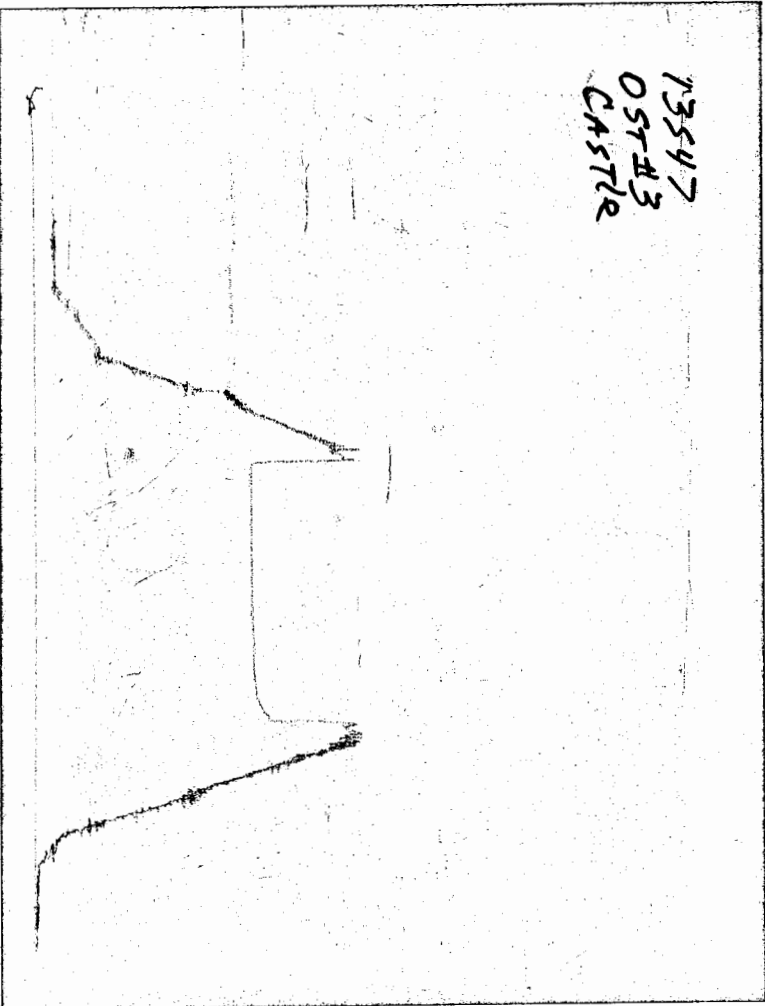


CHART PAGE

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