

DRILL STEM TEST REPORT

Prepared For: **Choco Energy**

PO Box 1587
Denver CO 80210

ATTN: Austin Garner

29 22 30 Finney KS

Estes #1

Start Date: 2007.03.10 @ 04:30:29

End Date: 2007.03.10 @ 12:54:53

Job Ticket #: 25997 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

Choco Energy

PO Box 1587
Denver CO 80210

ATTN: Austin Garner

Estes #1

29 22 30 Finney KS

Job Ticket: 25997

DST#: 1

Test Start: 2007.03.10 @ 04:30:29

GENERAL INFORMATION:

Formation: **Krider**

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

Time Tool Opened: 06:43:39

Time Test Ended: 12:54:53

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **25**

Interval: **2642.00 ft (KB) To 2739.00 ft (KB) (TVD)**

Total Depth: **2739.00 ft (KB) (TVD)**

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

Reference Elevations: **2869.00 ft (KB)**

2859.00 ft (CF)

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

Serial #: 6755 **Inside**

Press@RunDepth: **134.58 psig @ 2643.00 ft (KB)**

Start Date: **2007.03.10**

End Date:

2007.03.10

Start Time: **04:30:29**

End Time:

12:54:53

Capacity: **7000.00 psig**

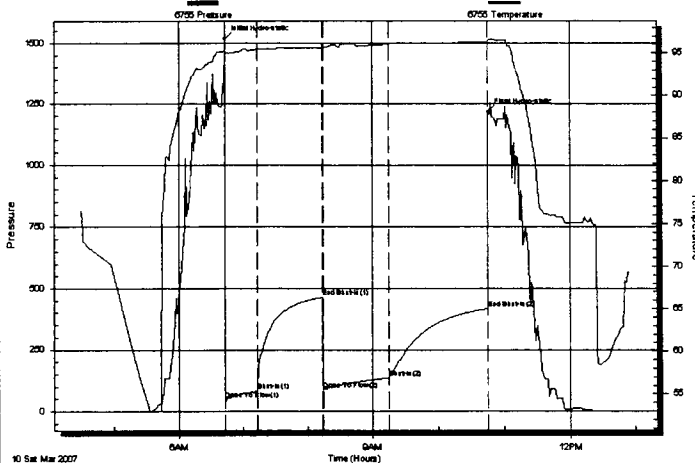
Last Calib.: **2007.03.10**

Time On Btm: **2007.03.10 @ 06:43:09**

Time Off Btm: **2007.03.10 @ 10:44:53**

TEST COMMENT: IF Surface blow built to 5 inches
IS No return
FF Weak surface blow built to 1 1/2 inch.
FS No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1515.54	95.16	Initial Hydro-static
1	45.46	94.85	Open To Flow (1)
31	81.91	95.45	Shut-In (1)
91	463.69	95.64	End Shut-In (1)
92	88.16	95.67	Open To Flow (2)
151	134.58	96.10	Shut-In (2)
242	417.67	96.26	End Shut-In (2)
242	1215.96	96.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
225.00	100%M	1.11

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

Choco Energy

Estes #1

PO Box 1587
Denver CO 80210

29 22 30 Finney KS

Job Ticket: 25997

DST#: 1

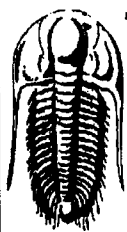
ATTN: Austin Garner

Test Start: 2007.03.10 @ 04:30:29

Tool Information

Drill Pipe:	Length: 2366.00 ft	Diameter: 3.80 inches	Volume: 33.19 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 279.00 ft	Diameter: 2.25 inches	Volume: 1.37 bbl	Weight to Pull Loose: 105000.0 lb
		Total Volume:	34.56 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	2642.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	97.00 ft			
Tool Length:	127.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				
Slip 5 foot to bottom				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2613.00	
Shut In Tool	5.00			2618.00	
Sampler	2.00			2620.00	
Hydraulic tool	5.00			2625.00	
Jars	5.00			2630.00	
Safety Joint	3.00			2633.00	
Packer	5.00			2638.00	30.00 Bottom Of Top Packer
Packer	4.00			2642.00	
Stubb	1.00			2643.00	
Recorder	0.00	6755	Inside	2643.00	
Perforations	26.00			2669.00	
Change Over Sub	1.00			2670.00	
Drill Pipe	63.00			2733.00	
Change Over Sub	1.00			2734.00	
Recorder	0.00	11020	Inside	2734.00	
Bullnose	5.00			2739.00	97.00 Bottom Packers & Anchor
Total Tool Length:	127.00				



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Choco Energy

Estes #1

PO Box 1587
Denver CO 80210

29 22 30 Finney KS

Job Ticket: 25997

DST#: 1

ATTN: Austin Garner

Test Start: 2007.03.10 @ 04:30:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 85.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 15.10 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
225.00	100%M	1.107

Total Length: 225.00 ft

Total Volume: 1.107 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

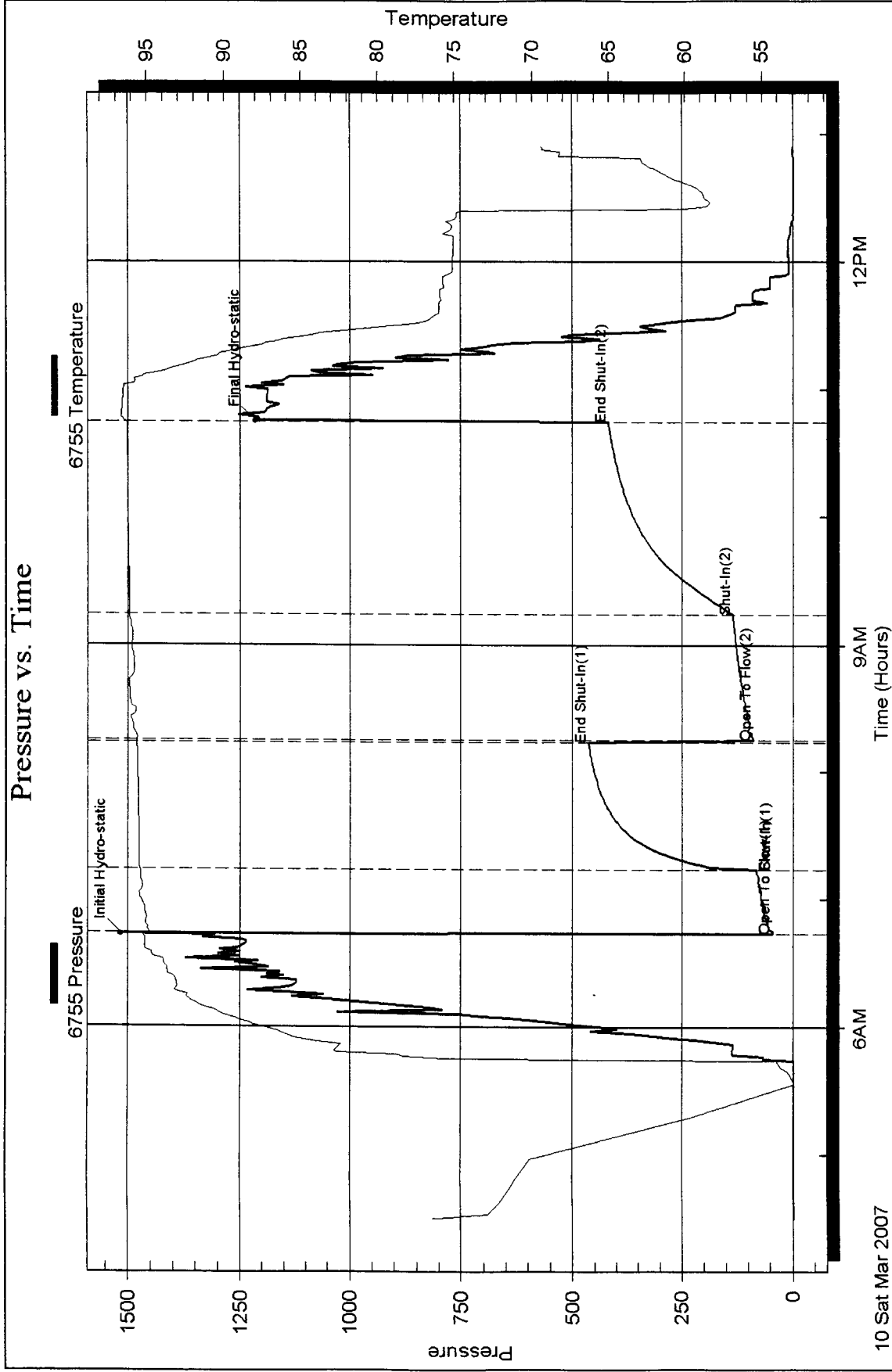
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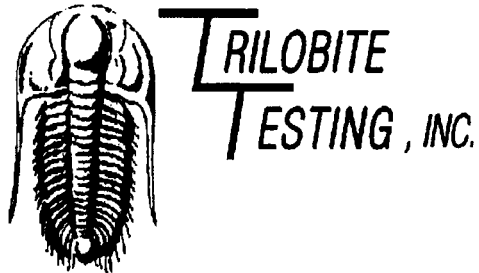
Choco Energy

29 22 30 Finney KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Choco Energy**

PO Box 1587
Denver CO 80210

ATTN: Austin Garner

29 22 30 Finney KS

Estes #1

Start Date: 2007.03.14 @ 16:55:27

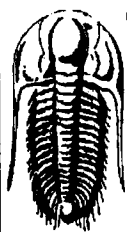
End Date: 2007.03.14 @ 23:20:21

Job Ticket #: 26423 DST #: 2

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DRILL STEM TEST REPORT

Choco Energy

PO Box 1587
Denver CO 80210

ATTN: Austin Garner

Estes #1

29 22 30 Finney KS

Job Ticket: 26423

DST#: 2

Test Start: 2007.03.14 @ 16:55:27

GENERAL INFORMATION:

Formation: **Ft. Scott- Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:14:52

Time Test Ended: 23:20:21

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4590.00 ft (KB) To 4633.00 ft (KB) (TVD)**

Total Depth: 4633.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2869.00 ft (KB)

2859.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772

Inside

Press@RunDepth: 34.86 psig @ 4591.00 ft (KB)

Start Date: 2007.03.14

End Date:

2007.03.14

Capacity: 7000.00 psig

Last Calib.:

2007.03.14

Start Time: 16:55:27

End Time:

23:20:21

Time On Btm: 2007.03.14 @ 19:14:37

Time Off Btm: 2007.03.14 @ 21:16:51

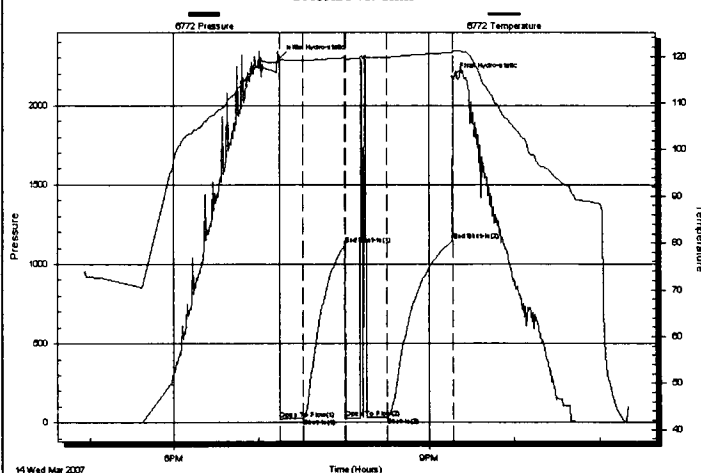
TEST COMMENT: IF 1/4 blow died in 7 min.

IS No return

FF No blow Flushed tool two times No blow

FS No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.17	119.62	Initial Hydro-static
1	22.41	118.93	Open To Flow (1)
16	26.65	119.06	Shut-In(1)
46	1121.26	119.66	End Shut-In(1)
46	27.00	119.41	Open To Flow (2)
76	34.86	119.79	Shut-In(2)
122	1145.50	120.78	End Shut-In(2)
123	2179.20	121.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05

Gas Rates

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

TOOL DIAGRAM

Choco Energy

Estes #1

PO Box 1587
Denver CO 80210

29 22 30 Finney KS

Job Ticket: 26423

DST#: 2

ATTN: Austin Garner

Test Start: 2007.03.14 @ 16:55:27

Tool Information

Drill Pipe:	Length: 4286.00 ft	Diameter: 3.80 inches	Volume: 60.12 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 280.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose: 120000.0 lb
		Total Volume: 61.50 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	4590.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	72.00 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			4562.00	
Shut In Tool	5.00			4567.00	
Sampler	2.00			4569.00	
Hydraulic tool	5.00			4574.00	
Jars	5.00			4579.00	
Safety Joint	2.00			4581.00	
Packer	5.00			4586.00	29.00 Bottom Of Top Packer
Packer	4.00			4590.00	
Stubb	1.00			4591.00	
Recorder	0.00	6772	Inside	4591.00	
Perforations	5.00			4596.00	
Change Over Sub	1.00			4597.00	
Drill Pipe	30.00			4627.00	
Change Over Sub	1.00			4628.00	
Recorder	0.00	7437	Outside	4628.00	
Bullnose	5.00			4633.00	43.00 Bottom Packers & Anchor
Total Tool Length:		72.00			



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FLUID SUMMARY

Choco Energy

Estes #1

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29 22 30 Finney KS

Job Ticket: 26423

DST#: 2

ATTN: Austin Garner

Test Start: 2007.03.14 @ 16:55:27

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

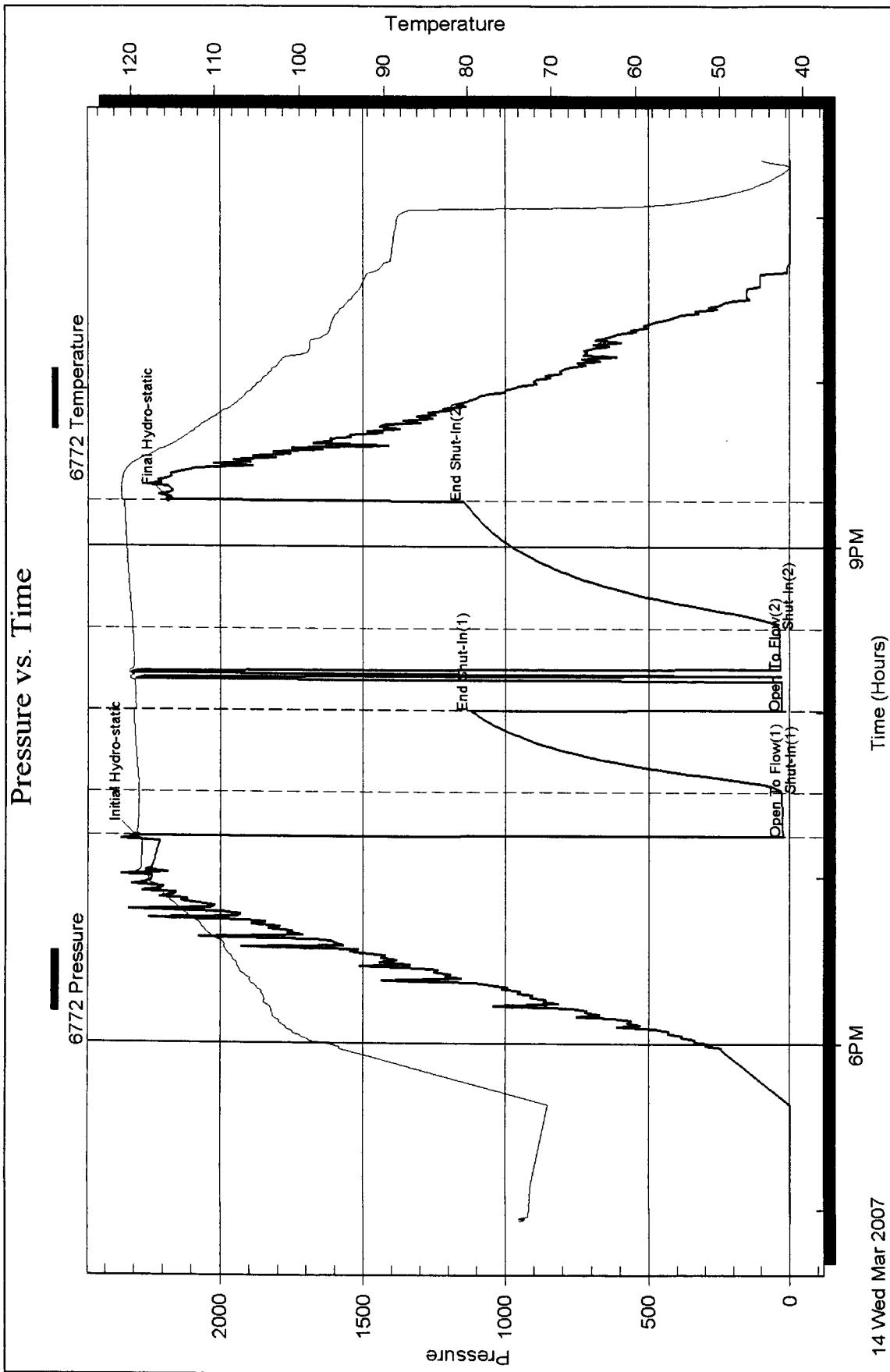
Serial #:

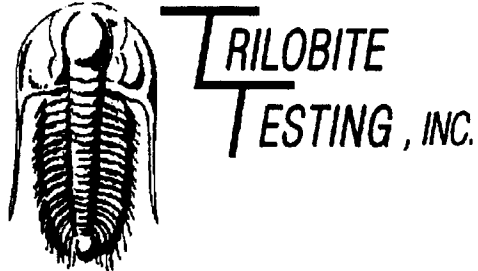
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Choco Energy**

PO Box 1587
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ATTN: Austin Garner

29 22 30 Finney KS

Estes #1

Start Date: 2007.03.15 @ 22:25:30

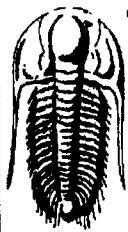
End Date: 2007.03.16 @ 05:39:54

Job Ticket #: 26424 DST #: 3

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ATTN: Austin Garner

Estes #1

29 22 30 Finney KS

Job Ticket: 26424

DST#: 3

Test Start: 2007.03.15 @ 22:25:30

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:40:25

Time Test Ended: 05:39:54

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4804.00 ft (KB) To 4842.00 ft (KB) (TVD)**

Total Depth: 4842.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2869.00 ft (KB)

2859.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772 Inside

Press@RunDepth: 25.15 psig @ 4810.00 ft (KB)

Start Date: 2007.03.15

End Date:

2007.03.16

Start Time: 22:25:30

End Time:

05:39:54

Capacity: 7000.00 psig

Last Calib.: 2007.03.16

Time On Btm: 2007.03.16 @ 00:40:10

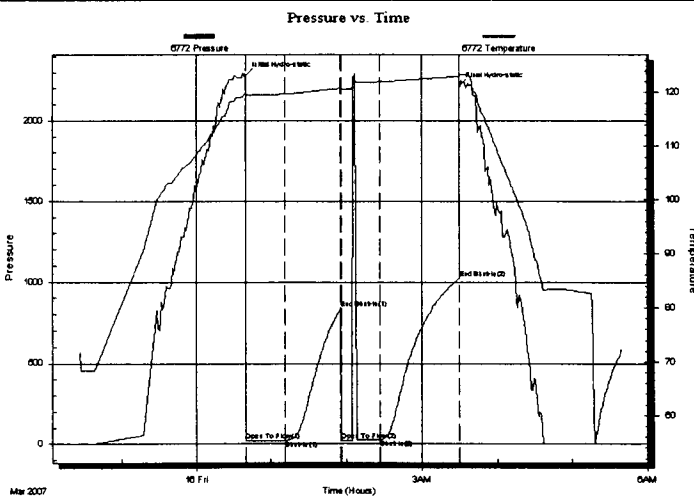
Time Off Btm: 2007.03.16 @ 03:29:39

TEST COMMENT: IF 1/4 inch blow died in 20 mins.

IS No return

FF No blow flushed tool no blow

FS No return



PRESSURE SUMMARY

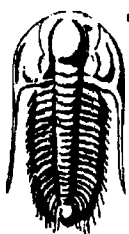
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2281.04	119.83	Initial Hydro-static
1	19.04	118.84	Open To Flow (1)
32	21.17	119.69	Shut-In(1)
76	839.69	120.75	End Shut-In(1)
76	21.68	120.48	Open To Flow (2)
107	25.15	121.96	Shut-In(2)
170	1021.81	122.97	End Shut-In(2)
170	2211.75	123.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Choco Energy

Estes #1

PO Box 1587
Denver CO 80210

29 22 30 Finney KS

Job Ticket: 26424

DST#: 3

ATTN: Austin Garner

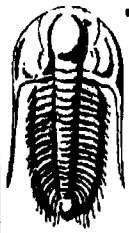
Test Start: 2007.03.15 @ 22:25:30

Tool Information

Drill Pipe:	Length: 4502.00 ft	Diameter: 3.80 inches	Volume: 63.15 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 279.00 ft	Diameter: 2.25 inches	Volume: 1.37 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume:	64.52 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4804.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	68.00 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			4775.00	
Shut In Tool	5.00			4780.00	
Sampler	2.00			4782.00	
Hydraulic tool	5.00			4787.00	
Jars	5.00			4792.00	
Safety Joint	3.00			4795.00	
Packer	5.00			4800.00	30.00 Bottom Of Top Packer
Packer	4.00			4804.00	
Stubb	1.00			4805.00	
Perforations	5.00			4810.00	
Recorder	0.00	6772	Inside	4810.00	
Perforations	27.00			4837.00	
Recorder	0.00	7437	Inside	4837.00	
Bullnose	5.00			4842.00	38.00 Bottom Packers & Anchor

Total Tool Length: 68.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Choco Energy

Estes #1

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29 22 30 Finney KS

Job Ticket: 26424

DST#: 3

ATTN: Austin Garner

Test Start: 2007.03.15 @ 22:25:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

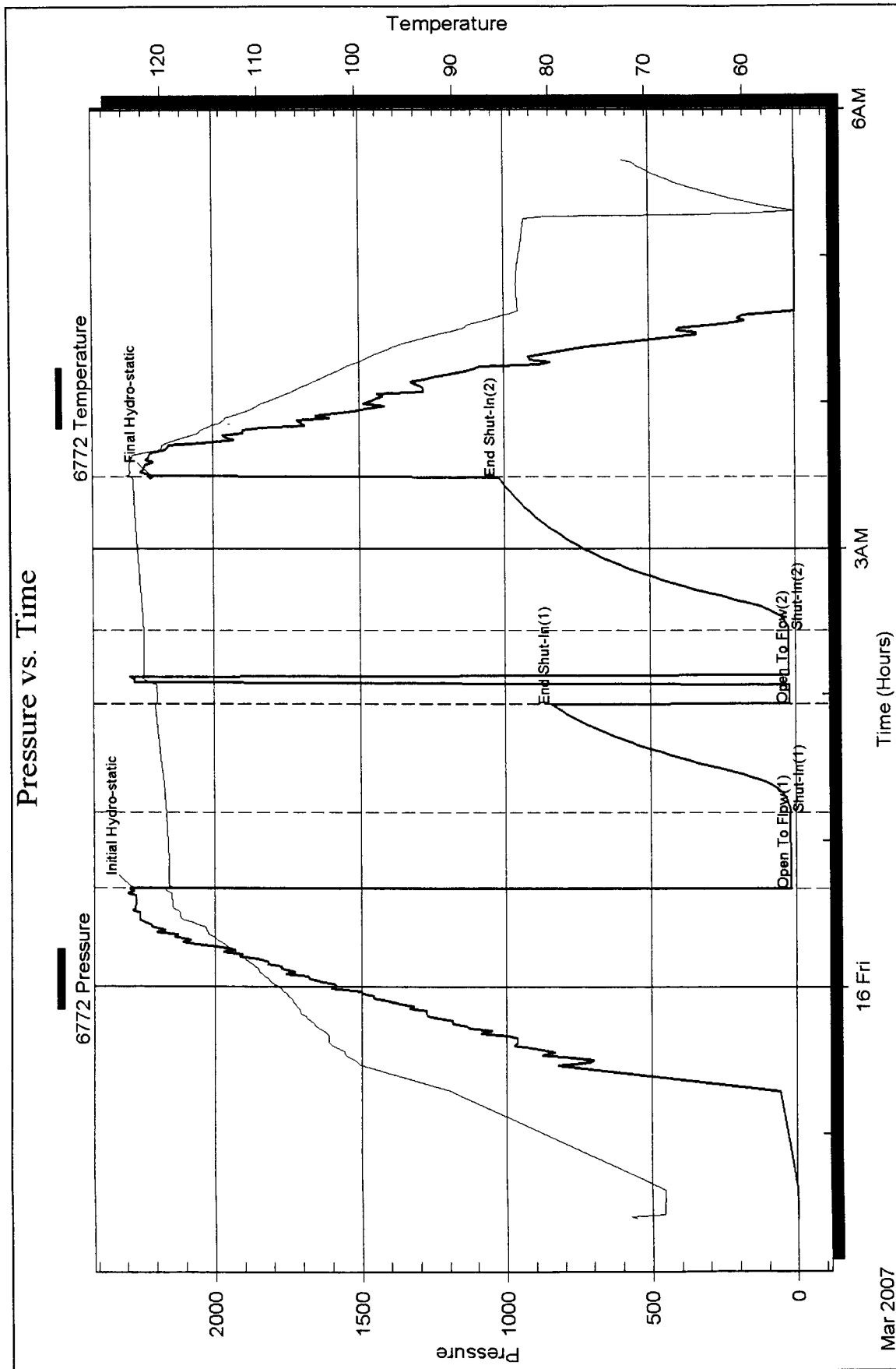
Serial #:

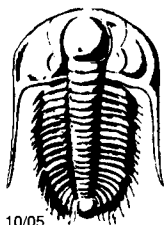
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9937 ✓ 25997 /

Test Ticket

Well Name & No. <u>Estes #1</u>	Test No. <u>1</u>	Date <u>3-10-07</u>
Company <u>Choco Energy</u>	Zone Tested <u>Kriden</u>	
Address <u>PO Box 1587 Denver CO 8020</u>	Elevation <u>2869</u> KB <u>2859</u> GL	
Co. Rep / Geo. <u>Austin Garner</u>	Rig	
Location: Sec. <u>29</u> Twp. <u>22</u> Rge. <u>30</u>	Co. <u>Finney</u>	State <u>KS</u>
Comment:	Release date / time:	

Interval Tested <u>2642 - 2739</u>	Initial Str Wt./Lbs. <u>68,000</u>	Unseated Str Wt./Lbs. <u>76,000</u>
Anchor Length <u>97</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>105,000</u>
Top Packer Depth <u>2638</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth <u>2642</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>2739</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>279</u>
Mud Wt. <u>8.5</u> LCM <u>*3</u> Vis. <u>44</u> WL <u>15.2</u>	Drill Pipe Size <u>4 1/2 x h</u>	Ft. Run <u>2366</u>

Blow Description FF: Surface Blow Built to 5 inches.

IS: No Return

FF: Weak Surface Blow Built to 1 1/2 inches

FS: No Return

Recovery - Total Feet <u>225</u>	GIP	Ft. in DC <u>225</u>	Ft. in DP
Rec. <u>225</u> Feet of <u>Mud</u>	%gas	%oil	%water <u>100</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 <u>96</u> °F Gravity	°API D @	°F Corrected Gravity	°API
RW @ °F	Chlorides ppm Recovery	Chlorides <u>9800</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	Recorder No. <u>6755</u>	Test <u>1100.00</u>
(B) First Initial Flow Pressure	<u>1293</u> PSI		(depth) <u>2640</u>	Jars <u>250.00</u>
(C) First Final Flow Pressure	<u>45</u> PSI		Recorder No. <u>11020</u>	Safety Jt <u>75.00</u>
(D) Initial Shut-In Pressure	<u>81</u> PSI		(depth) <u>2738</u>	Circ Subx
(E) Second Initial Flow Pressure	<u>463</u> PSI		Recorder No.	Sampler <u>250.00</u>
(F) Second Final Flow Pressure	<u>88</u> PSI		(depth)	Straddle
(G) Final Shut-In Pressure	<u>134</u> PSI		Initial Opening <u>30</u>	Ext. Packer
(Q) Final Hydrostatic Mud	<u>417</u> PSI		Initial Shut-In <u>60</u>	Shale Packer <u>250.00</u>
	<u>1202</u> PSI		Final Flow <u>60</u>	Ruined Packer <u>200.00</u>

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Approved By Newton Garner

Our Representative Chuck Smith

T-On Location	<u>01:55</u>	Sub Total: <u>2240</u>
T-Started	<u>04:30</u>	Std. By
T-Open	<u>06:43</u>	Acc. Chg: <u>150.00</u>
T-Pulled	<u>10:43</u>	Other:
T-Out	<u>12:55</u>	Total:



TRILOBITE TESTING, INC.

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FLUID SAMPLER DATA

Ticket No. 25997 Date 3-10-07
Company Name Choco Energy
Lease Estes #1 Test No. 1
County Finney Sec. 29 Twp. 22 Rng. 30

SAMPLER RECOVERY

Gas ML Chlorides 9800 ppm.
Oil ML Resistivity ohms @ F
Mud 100% 2000 ML Viscosity 44
Water ML Mud Weight 8.5
Other ML Filtrate 15.2
Pressure 250 PSI Other LCM 3#
Total 2000 ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity ohms @ F
Chlorides 9800 ppm.
Gravity corrected @60F

PIPE RECOVERY

TOP
Resistivity ohms @ F
Chlorides 9800 ppm.

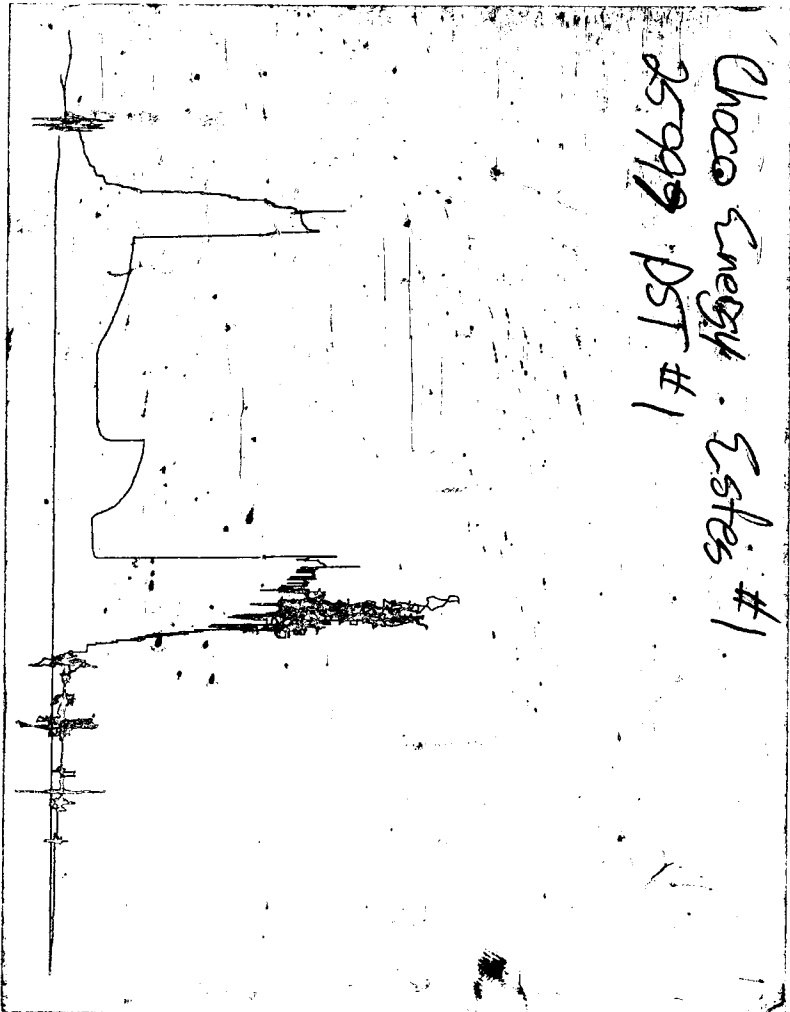
MIDDLE
Resistivity ohms @ F
Chlorides 9800 ppm.

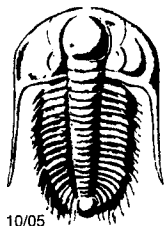
BOTTOM
Resistivity ohms @ F
Chlorides 9800 ppm.

CHART PAGE

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

Choco Energy - Sites #1
25999 DST #1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26423

9937

Test Ticket

Well Name & No. <u>Estes #1</u>	Test No. <u>2</u>	Date <u>3-14-67</u>
Company <u>Choco Energy</u>	Zone Tested <u>Ft. Scott - Cherokee</u>	
Address <u>P.O. Box 1587 Denver CO 80210</u>	Elevation <u>2869</u>	KB <u>2859</u> GL
Co. Rep / Geo. <u>Austin Garner</u>	Rig <u>H 2</u>	
Location: Sec. <u>29</u> Twp. <u>22</u> Rge. <u>30</u>	Co. <u>Finney</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>4590</u>	<u>4633</u>	Initial Str Wt./Lbs. <u>82,000</u>	Unseated Str Wt./Lbs. <u>82,000</u>
Anchor Length _____	<u>43</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>120,000</u>
Top Packer Depth _____	<u>4585</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth _____	<u>4590</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth _____	<u>4633</u>	Wt. Pipe Run _____	Drill Collar Run <u>280</u>
Mud Wt. <u>9.2</u> LCM <u>3</u> Vis. <u>50</u> WL <u>8.0</u>		Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>4286</u>
Blow Description <u>IF: 1/4 blow died in 7 min.</u>			

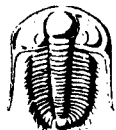
IS: No return.

FF: No blow. Flushed tool two times. No blow.

FS: No return.

Recovery - Total Feet <u>10</u>	GIP <u>—</u>	Ft. in DC <u>10</u>	Ft. in DP <u>—</u>
Rec. <u>10</u>	Feet of <u>Mud</u>	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>120</u>	*F Gravity <u>—</u>	*API D @ <u>—</u>	*F Corrected Gravity <u>—</u>
RW <u>—</u> @ <u>—</u> *F	Chlorides <u>—</u> ppm	Recovery <u>—</u>	Chlorides <u>2500</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2380</u> PSI	Alpine	Recorder No. <u>6772</u>	Test <u>X 1200.00</u>
(B) First Initial Flow Pressure	<u>22</u> PSI		(depth) <u>4591</u>	Jars <u>X 250.00</u>
(C) First Final Flow Pressure	<u>26</u> PSI		Recorder No. <u>7437</u>	Safety Jt. <u>X 75.00</u>
(D) Initial Shut-In Pressure	<u>1121</u> PSI		(depth) <u>4632</u>	Circ Sub <u>X N/L</u>
(E) Second Initial Flow Pressure	<u>27</u> PSI		Recorder No. _____	Sampler <u>X 250.00</u>
(F) Second Final Flow Pressure	<u>34</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1145</u> PSI	Initial Opening <u>15</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2220</u> PSI	Initial Shut-In <u>30</u>		Shale Packer <u>X 200.00</u>
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>30</u>		Ruined Packer _____
Approved By <u>Austin Garner</u>		Final Shut-In <u>45</u>		Mileage <u>87-105.00</u>
Our Representative <u>[Signature]</u>		T-On Location <u>15:00</u>		Sub Total: <u>2080</u>
		T-Started <u>16:55</u>		Std. By _____
		T-Open <u>19:14</u>		Acc. Chg: <u>X 150.00</u>
		T-Pulled <u>21:14</u>		Other: _____
		T-Out <u>23:20</u>		Total: _____



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 26423 Date 3-14-07
Company Name Choco Energy
Lease Estes #1 Test No. 2
County Finney Sec. 29 Twp. 22 Rng. 30

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 2000 ML
Water _____ ML
Other _____ ML
Pressure 0 ML
Total 2000 ML

PIT MUD ANALYSIS

Chlorides 2500 ppm.
Resistivity - ohms @ - F
Viscosity 50
Mud Weight 9.2
Filtrate 8.0
Other _____

SAMPLER ANALYSIS

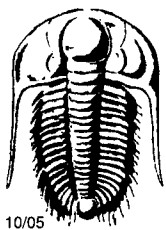
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @60F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

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

Choco Energy
Estes #1



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26424

Test Ticket

Well Name & No. <u>Estes #1</u>	Test No. <u>3</u>	Date <u>3-16-07</u>
Company <u>Choco Energy</u>	Zone Tested <u>Marrow</u>	
Address <u>PO Box 1589, Denver, CO 80210</u>	Elevation <u>2869</u>	KB <u>2859</u> GL
Co. Rep / Geo. <u>Austin Garner</u>	Rig <u>H2</u>	
Location: Sec. <u>29</u> Twp. <u>22</u> Rge. <u>30</u>	Co. <u>Finney</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>4804 - 4842</u>	Initial Str Wt./Lbs. <u>90000</u>	Unseated Str Wt./Lbs. <u>90000</u>
Anchor Length <u>38</u>	Wt. Set Lbs. <u>30000</u>	Wt. Pulled Loose/Lbs. <u>95000</u>
Top Packer Depth <u>4800</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth <u>4804</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>4842</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>279</u>
Mud Wt. <u>9.1</u> LCM <u>3*</u> Vis. <u>48</u> WL <u>7.6</u>	Drill Pipe Size <u>4 1/2 x h</u>	Ft. Run <u>4502</u>
Blow Description <u>IF: 1/4 inch Blow Died in 20 mins.</u>		

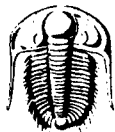
IS: No Return.
FF: No Blow Flushed tool No blow
FS: No Return

Recovery - Total Feet <u>10</u>	GIP _____	Ft. in DC <u>10</u>	Ft. in DP _____
Rec. <u>10</u>	Feet of <u>Mud</u>	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>122</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____
RW _____	@ _____	*F _____	Chlorides <u>1800</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2283</u>	Alpine PSI	Recorder No. <u>6772</u>	Test <u>1200.00</u>
(B) First Initial Flow Pressure	<u>19</u>	PSI	(depth) <u>4810</u>	Jars <u>250.00</u>
(C) First Final Flow Pressure	<u>21</u>	PSI	Recorder No. <u>7437</u>	Safety Jt <u>75.00</u>
(D) Initial Shut-In Pressure	<u>839</u>	PSI	(depth) <u>4837</u>	Circ Sub <u>N/C</u>
(E) Second Initial Flow Pressure	<u>21</u>	PSI	Recorder No. _____	Sampler <u>250.00</u>
(F) Second Final Flow Pressure	<u>25</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1021</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2252</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer <u>200.00</u>

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Approved By <u>Austin Garner</u>	T-Started <u>12:40</u>	T-Open <u>12:40</u>	T-Pulled <u>03:30</u>	T-Out <u>05:39</u>
Our Representative <u>Brandon D.</u>	7% to Brandon D.			
Final Flow _____ Final Shut-In _____ T-On Location <u>210:45</u> T-Started <u>12:25</u> T-Open <u>12:40</u> T-Pulled <u>03:30</u> T-Out <u>05:39</u>				
Test <u>1200.00</u> Jars <u>250.00</u> Safety Jt <u>75.00</u> Circ Sub <u>N/C</u> Sampler <u>250.00</u> Straddle _____ Ext. Packer _____ Shale Packer <u>200.00</u> Ruined Packer _____ Mileage <u>84 x 1.25 = 105.</u> Sub Total: <u>2080</u> Std. By _____ Acc. Chg <u>150.00</u> Other: _____ Total: _____				



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 26424 Date 3-16-07
Company Name Choco Energy
Lease Estes #1 Test No. 3
County Finney Sec. 29 Twp. 22 Rng. 30

SAMPLER RECOVERY

Gas _____ ML Chlorides 1800 ppm.
Oil _____ ML Resistivity _____ ohms @ _____ F
Mud 2000 ML Viscosity 48
Water _____ ML Mud Weight 9.1
Other _____ ML Filtrate 7.6
Pressure 100 PSI Other LCM 3#
Total 2000 ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @60F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

Best Scanned Copy

CHART PAGE

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

