

DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Inc**

125 N Market St Ste 1252
Wichita KS 67202

ATTN: Wes Hanson

34 30S 22W Clark KS

Young Brothers 1-34

Start Date: 2006.12.11 @ 20:31:43

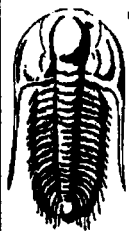
End Date: 2006.12.12 @ 07:13:28

Job Ticket #: 27105 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

Falcon Exploration Inc

125 N Market St Ste 1252
Wichita KS 67202

ATTN: Wes Hanson

Young Brothers 1-34

34 30S 22W Clark KS

Job Ticket: 27105

DST#: 1

Test Start: 2006.12.11 @ 20:31:43

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:41:13

Time Test Ended: 07:13:28

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 19

Interval: **5268.00 ft (KB) To 5306.00 ft (KB) (TVD)**

Total Depth: 5306.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2355.00 ft (KB)

2345.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6752

Inside

Press@RunDepth: 1475.47 psig @ 5272.00 ft (KB)

Start Date: 2006.12.11

End Date:

2006.12.12

Capacity: 7000.00 psig

Last Calib.: 2006.12.12

Start Time: 20:31:48

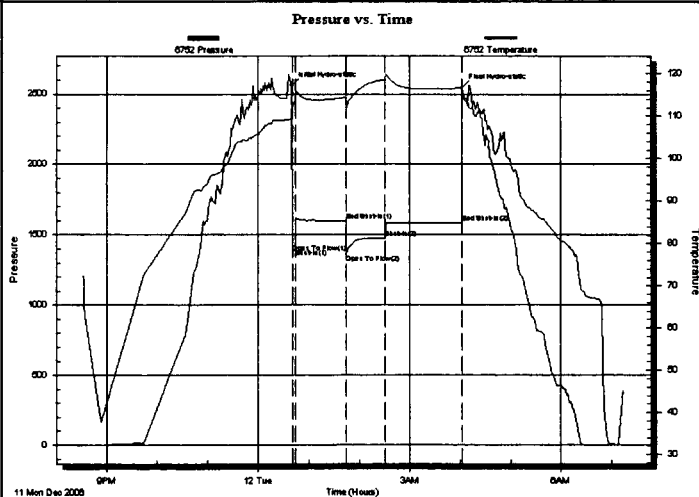
End Time:

07:13:28

Time On Btm: 2006.12.12 @ 00:39:43

Time Off Btm: 2006.12.12 @ 04:02:42

TEST COMMENT: IF Strong Blow BOB Immediate GTS 2 and a half minutes
ISI Would Not Bleed Off
FF Strong Blow BOB Immediate Gauged Gas Collected Gas Sample
FSI Would Not Bleed Off



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2558.93	109.35	Initial Hydro-static
2	1368.99	111.90	Open To Flow (1)
5	1396.52	113.57	Shut-In(1)
65	1599.43	114.38	End Shut-In(1)
65	1359.45	112.59	Open To Flow (2)
112	1475.47	118.58	Shut-In(2)
203	1583.81	116.63	End Shut-In(2)
203	2542.51	116.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GCMCW 2%M 8%G 90%W	0.42
0.00	GIP AFTP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	150.00	4726.31
Last Gas Rate	1.00	200.00	6163.75
Max. Gas Rate	1.00	200.00	6163.75



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Inc

125 N Market St Ste 1252
Wichita KS 67202

ATTN: Wes Hanson

Young Brothers 1-34

34 30S 22W Clark KS

Job Ticket: 27105

DST#: 1

Test Start: 2006.12.11 @ 20:31:43

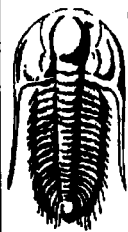
Tool Information

Drill Pipe:	Length: 5271.00 ft	Diameter: 3.80 inches	Volume: 73.94 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 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:	75000.00 lb
		Total Volume:	73.94 bbl	Tool Chased	ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	5268.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	66.00 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			5241.00	
Shut In Tool	5.00			5246.00	
Hydraulic tool	5.00			5251.00	
Jars	5.00			5256.00	
Safety Joint	3.00			5259.00	
Packer	5.00			5264.00	28.00 Bottom Of Top Packer
Packer	4.00			5268.00	
Stubb	1.00			5269.00	
Perforations	3.00			5272.00	
Recorder	0.00	6752	Inside	5272.00	
Drill Pipe	31.00			5303.00	
Recorder	0.00	6704	Outside	5303.00	
Bullnose	3.00			5306.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Inc

Young Brothers 1-34

125 N Market St Ste 1252
Wichita KS 67202

34 30S 22W Clark KS

Job Ticket: 27105

DST#: 1

ATTN: Wes Hanson

Test Start: 2006.12.11 @ 20:31:43

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:

250 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: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GCMCW 2%M 8%G 90%W	0.421
0.00	GIP AAFP	0.000

Total Length: 30.00 ft

Total Volume: 0.421 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: 7802410068

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Falcon Exploration Inc

Young Brothers 1-34

125 N Market St Ste 1252
Wichita KS 67202

34 30S 22W Clark KS

Job Ticket: 27105

DST#: 1

ATTN: Wes Hanson

Test Start: 2006.12.11 @ 20:31:43

Gas Rates Information

Temperature: 59 deg C

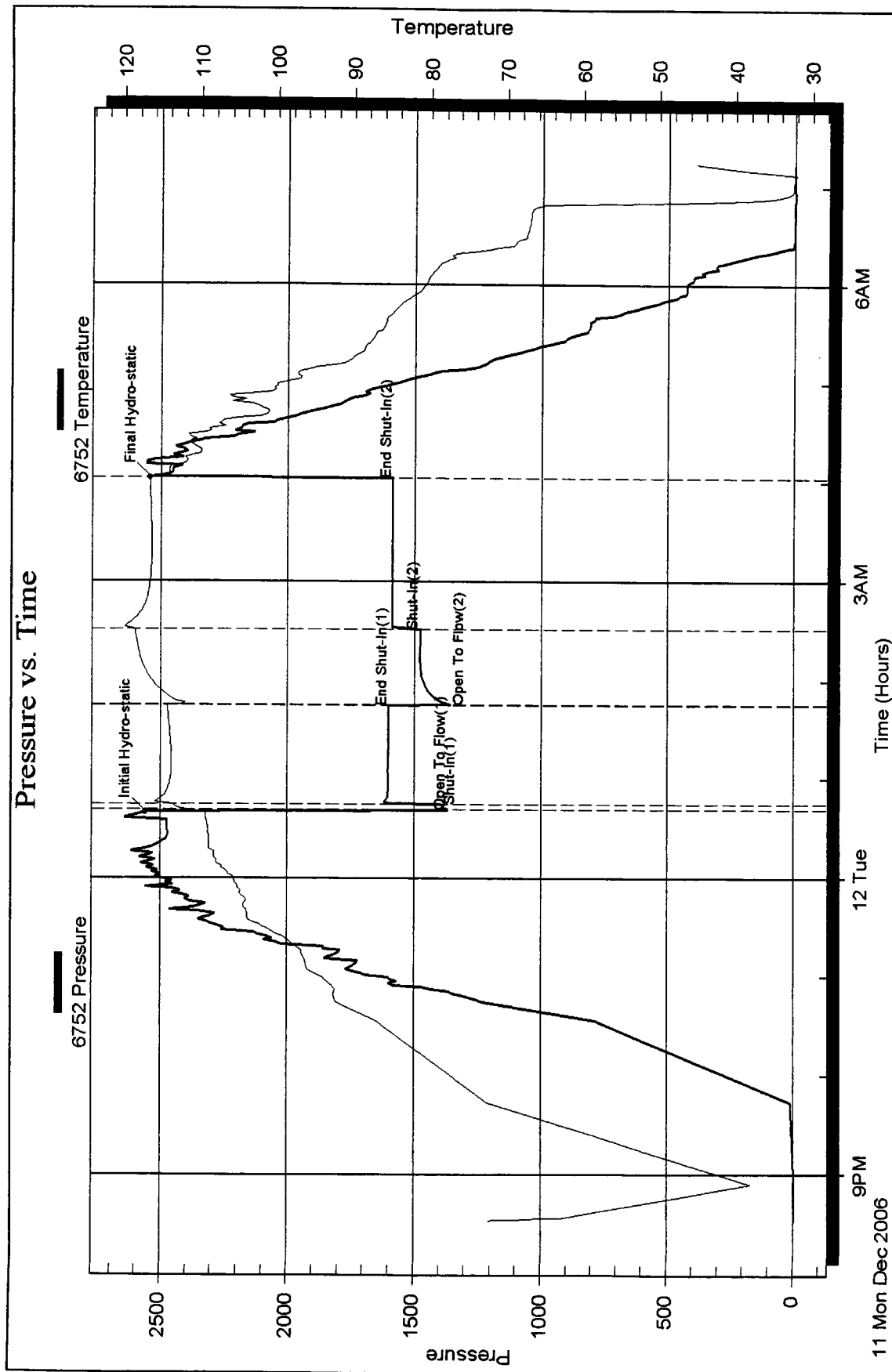
Relative Density: 0.65

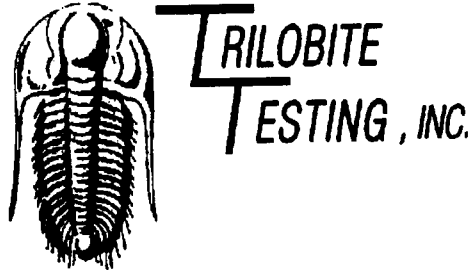
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	5	1.00	150.00	4726.31
2	10	1.00	200.00	6163.75
2	20	1.00	200.00	6163.75
2	30	1.00	200.00	6163.75
2	40	1.00	200.00	6163.75
2	45	1.00	200.00	6163.75

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Inc**

125 N Market St Ste 1252
Wichita KS 67202

ATTN: Wes Hanson

34 30S 22W Clark KS

Young Brothers 1-34

Start Date: 2006.12.12 @ 21:15:00

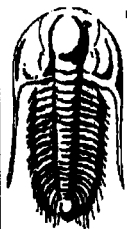
End Date: 2006.12.13 @ 07:06:45

Job Ticket #: 27106 DST #: 2

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

Falcon Exploration Inc
125 N Market St Ste 1252
Wichita KS 67202
ATTN: Wes Hanson

Young Brothers 1-34
34 30S 22W Clark KS
Job Ticket: 27106 **DST#: 2**
Test Start: 2006.12.12 @ 21:15:00

GENERAL INFORMATION:

Formation: **Morrow**

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

Time Tool Opened: 00:07:30

Time Test Ended: 07:06:45

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **19**

Interval: **5306.00 ft (KB) To 5330.00 ft (KB) (TVD)**

Total Depth: **5330.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2355.00 ft (KB)**

2345.00 ft (CF)

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

Serial #: 6752

Inside

Press@RunDepth: **1528.60 psig @ 5307.00 ft (KB)**

Start Date: **2006.12.12**

End Date:

2006.12.13

Capacity: **7000.00 psig**

Last Calib.: **2006.12.13**

Start Time: **21:15:05**

End Time:

07:06:45

Time On Btm: **2006.12.13 @ 00:06:45**

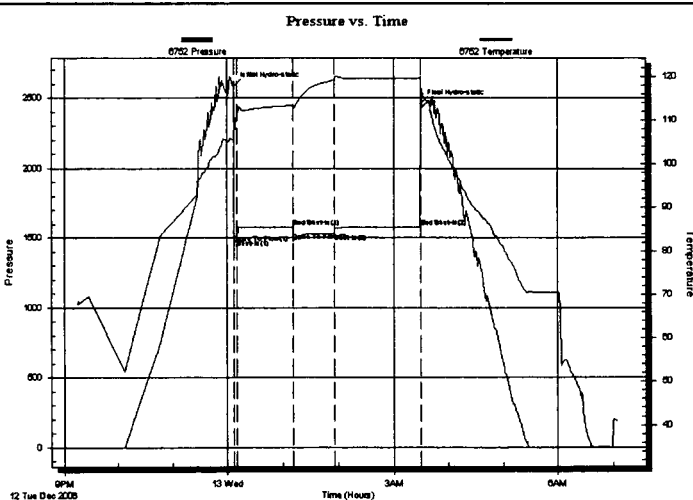
Time Off Btm: **2006.12.13 @ 03:29:44**

TEST COMMENT: **IF Strong Blow BOB Immediate GTS 50 seconds**

ISI Would Not Bleed Off

FF Strong Blow BOB and GTS Immediate Guaged Gas and Collected Gas Sample

FSI Would Not Bleed Off



PRESSURE SUMMARY

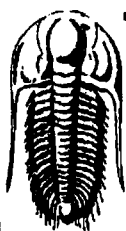
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2587.25	105.61	Initial Hydro-static
1	1461.35	107.24	Open To Flow (1)
4	1487.66	111.08	Shut-In (1)
64	1577.34	113.35	End Shut-In (1)
65	1473.93	112.08	Open To Flow (2)
109	1528.60	119.11	Shut-In (2)
203	1576.40	119.57	End Shut-In (2)
203	2460.73	120.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Water	0.56
0.00	GIP AFFF	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	200.00	6163.75
Last Gas Rate	1.00	225.00	6882.47
Max. Gas Rate	1.00	260.00	7888.67



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Inc

Young Brothers 1-34

125 N Market St Ste 1252
Wichita KS 67202

34 30S 22W Clark KS

Job Ticket: 27106

DST#: 2

ATTN: Wes Hanson

Test Start: 2006.12.12 @ 21:15:00

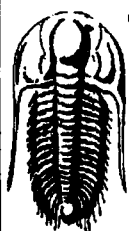
Tool Information

Drill Pipe:	Length: 5293.00 ft	Diameter: 3.80 inches	Volume: 74.25 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 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:	62000.00 lb
		Total Volume:	74.25 bbl	Tool Chased	ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	5306.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	52.00 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			5279.00	
Shut In Tool	5.00			5284.00	
Hydraulic tool	5.00			5289.00	
Jars	5.00			5294.00	
Safety Joint	3.00			5297.00	
Packer	5.00			5302.00	28.00 Bottom Of Top Packer
Packer	4.00			5306.00	
Stubb	1.00			5307.00	
Recorder	0.00	6752	Inside	5307.00	
Perforations	20.00			5327.00	
Recorder	0.00	6704	Outside	5327.00	
Bullnose	3.00			5330.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

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Young Brothers 1-34

125 N Market St Ste 1252
Wichita KS 67202

34 30S 22W Clark KS

ATTN: Wes Hanson

Job Ticket: 27106

DST#: 2

Test Start: 2006.12.12 @ 21:15:00

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:

290 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 75000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Water	0.561
0.00	GIP AAFP	0.000

Total Length: 40.00 ft

Total Volume: 0.561 bbl

Num Fluid Samples: 1

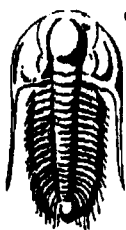
Num Gas Bombs: 1

Serial #: 304I-hdf4-

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Falcon Exploration Inc

Young Brothers 1-34

125 N Market St Ste 1252
Wichita KS 67202

34 30S 22W Clark KS

Job Ticket: 27106

DST#: 2

ATTN: Wes Hanson

Test Start: 2006.12.12 @ 21:15:00

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)
2	5	1.00	200.00	6163.75
2	5	1.00	200.00	6163.75
2	10	1.00	225.00	6882.47
2	30	1.00	260.00	7888.67
2	45	1.00	225.00	6882.47

DST Test Number: 2

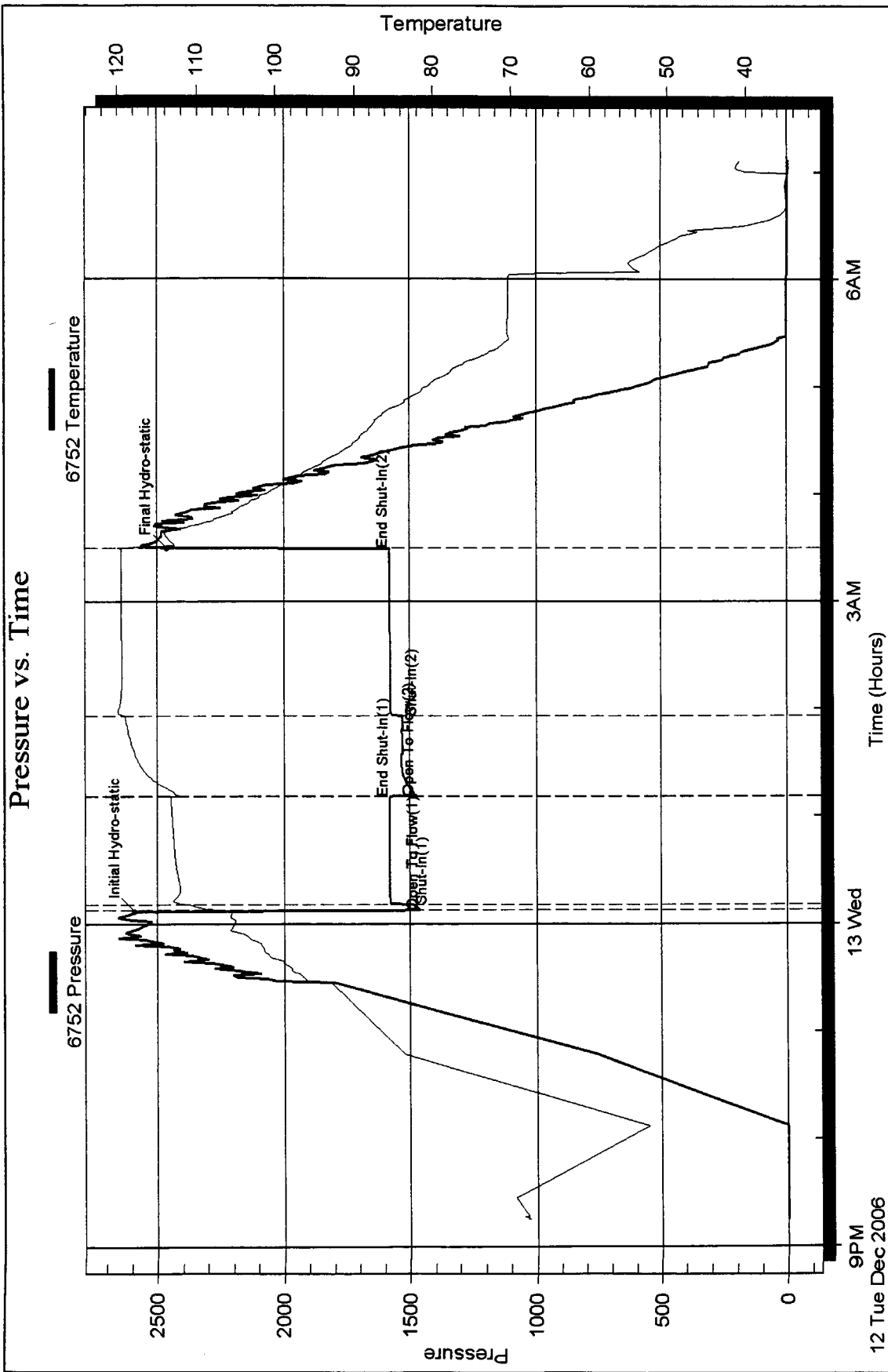
34 30S 22W Clark KS

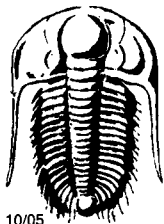
Falcon Exploration Inc

Inside

Serial #: 6752

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27105 9663

Test Ticket

Well Name & No. Young Brothers 1-34 Test No. 1 Date 12-11-06
 Company Falcon Exploration Inc Zone Tested Morrow
 Address 125 N. Market St STE 1252 Wichita, KS 67202 Elevation 2355 KB 2345 GL
 Co. Rep / Geo. Wes Hanson Rig Kal Rig #2
 Location: Sec. 34 Twp. 30S Rge. 22W Co. Clark State KS
 Comment: _____ Release date / time: _____

Interval Tested 5268 — 5306 Initial Str Wt./Lbs. 62000 Unseated Str Wt./Lbs. 2000
 Anchor Length 38 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 75000
 Top Packer Depth 5264 Tool Weight 2100
 Bottom Packer Depth 5268 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 5306 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 9.2 LCM 0 Vis. 49 WL 9.6 Drill Pipe Size 4 1/2 Ft. Run 5271

Blow Description IF: Strong Blow, BOB Immediate, GTS 2 1/2 minutes

ISF: Would not bleed off

FF: BOB Immediate, Guaged Gas, took Gas sample

FSI: would NOT bleed off

Recovery - Total Feet 30 GIP AFFP Ft. in DC 0 Ft. in DP 30

Rec. 30 Feet of GCMCW 8 %gas %oil 90 %water 2 %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 117 °F Gravity N/C °API D @ N/C °F Corrected Gravity N/C °API

RW .41 @ 35 °F Chlorides 250 ppm Recovery _____ Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2642	PSI	Recorder No.	6752	Test	✓	1300
(B) First Initial Flow Pressure			1369	PSI	(depth)	5272	Jars	✓	250
(C) First Final Flow Pressure			1396	PSI	Recorder No.	6704	Safety Jt.	✓	75
(D) Initial Shut-In Pressure			1599	PSI	(depth)	5303	Circ Sub		
(E) Second Initial Flow Pressure			1359	PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure			1475	PSI	(depth)		Straddle		
(G) Final Shut-In Pressure			1584	PSI	Initial Opening	3	Ext. Packer		
(Q) Final Hydrostatic Mud			2631	PSI	Initial Shut-In	60	Shale Packer		
					Final Flow	43	Ruined Packer		
					Final Shut-In	90	Mileage	144	180

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 Wesley Hansen

Our Representative [Signature]

T-On Location 1800
 T-Started 2031
 T-Open 0041
 T-Pulled 0402
 T-Out 0713

Sub Total: 1805
 Std. By 3 1/4 325.0
 Acc. Chg: 2130
 Other: _____
 Total: _____



GAS VOLUME REPORT

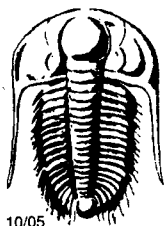
Young Brothers 1-34

WELL NAME AND NO.

DST NO.

05 150 1" 4240.1

Remarks:



10/05

**TRILOBITE
TESTING INC.**

P.O. Box 362 • Hays, Kansas 67601

27106

Test Ticket

Well Name & No. <u>Young Brothers #1-34</u>	Test No. <u>2</u>	Date <u>12-12-06</u>
Company <u>Falcon Exploration, inc.</u>	Zone Tested <u>Morrow</u>	
Address <u>125 N. Market St STE 1252 Wichita, KS 67202</u>	Elevation <u>2355</u>	KB <u>2345</u> GL
Co. Rep / Geo. <u>Wes Hanson</u>	Rig <u>Val Rig #2</u>	
Location: Sec. <u>34</u> Twp. <u>30S</u> Rge. <u>22W</u>	Co. <u>Clark</u>	State <u>KS</u>
Comment: 12-12-06 only 12-12-06	Release date / time: _____	

Interval Tested <u>5306 - 5330</u>	Initial Str Wt./Lbs. <u>62000</u>	Unseated Str Wt./Lbs. <u>62000</u>
Anchor Length <u>24</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>62000</u>
Top Packer Depth <u>5302</u>	Tool Weight <u>2106</u>	
Bottom Packer Depth <u>5306</u>	Hole Size 7 7/8" <u>✓</u>	Rubber Size 6 3/4" <u>✓</u>
Total Depth <u>5330</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>0</u>
Mud Wt. <u>9.2</u> LCM <u>0</u> Vis. <u>60</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>5293</u>
Blow Description <u>IF: Strong Blow, BOB immediate, GTS 50 seconds</u>		
<u>IS: would Not Bleed off</u>		
<u>FF: Strong Blow, BOB + GTS Immediate, Guaged Gas + Collected Gas Sample</u>		
<u>FST: would Not Bleed off</u>		
Recovery - Total Feet _____	GIP <u>AFFP</u>	Ft. in DC <u>0</u> Ft. in DP <u>40</u>
Rec. <u>40</u> Feet of <u>Water</u>	%gas _____ %oil _____	100%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 <u>120</u> °F Gravity <u>N/C</u>	*API D @ <u>N/C</u>	*F Corrected Gravity <u>N/C</u> *API _____
RW <u>.32</u> @ <u>39</u> °F	Chlorides <u>290</u> ppm Recovery _____	Chlorides <u>7500</u> ppm System _____

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>2726</u>	PSI	Recorder No.	<u>6752</u>	Test <u>✓</u>	<u>1300</u>
(B) First Initial Flow Pressure	<u>1461</u>	PSI	(depth)	<u>5307</u>	Jars <u>✓</u>	<u>250</u>
(C) First Final Flow Pressure	<u>1488</u>	PSI	Recorder No.	<u>13255</u>	Safety Jt. <u>✓</u>	<u>75</u>
(D) Initial Shut-In Pressure	<u>1577</u>	PSI	(depth)	<u>5327</u>	Circ Sub _____	
(E) Second Initial Flow Pressure	<u>1474</u>	PSI	Recorder No.		Sampler _____	
(F) Second Final Flow Pressure	<u>1529</u>	PSI	(depth)		Straddle _____	
(G) Final Shut-In Pressure	<u>1576</u>	PSI	Initial Opening	<u>3</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>2608</u>	PSI	Initial Shut-In	<u>60</u>	Shale Packer _____	
			Final Flow	<u>45</u>	Ruined Packer _____	
			Final Shut-In	<u>90</u>	Mileage <u>(147)</u> <u>180</u>	
			T-On Location	<u>1945</u>	Sub Total: <u>1805</u>	
			T-Started	<u>21:15</u>	Std. By <u>1/2 125</u>	
			T-Open	<u>00:07</u>	Acc. Chg: <u>1930</u>	
			T-Pulled	<u>0329</u>	Other: _____	
			T-Out	<u>07:06</u>	Total: _____	

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 Wes Hanson

Our Representative [Signature]



GAS VOLUME REPORT

2
DST NO

GTS in 50 seconds during Initial Flow

Remarks:

CHART PAGE

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

Ticket# 27106

#13255

