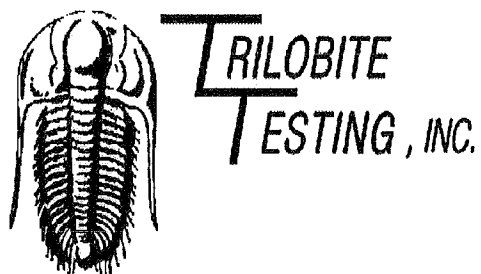


15-057-20652

28-28s-23w

IND

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DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Co.**

155 N Market
Suite 700
Wichita, KS 67202

ATTN: Ken LeBlanc

28-28s-23w Ford KS

Frink #1-28

Start Date: 2009.12.21 @ 13:30:00

End Date: 2009.12.21 @ 22:51:40

Job Ticket #: 37584 DST #: 1

KCC
APR 01 2010
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Co.

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

Frink #1-28

28-28s-23w Ford KS

Job Ticket: 37584

DST#: 1

Test Start: 2009.12.21 @ 13:30:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:55:10

Time Test Ended: 22:51:40

Interval: 5020.00 ft (KB) To 5040.00 ft (KB) (TVD)

Total Depth: 5040.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Reference Elevations: 2526.00 ft (KB)

2514.00 ft (CF)

KB to GRVCF: 12.00 ft

Serial #: 6773

Inside

Press@RunDepth: 122.93 psig @ 5022.00 ft (KB)

Start Date: 2009.12.21 End Date: 2009.12.21

Start Time: 13:30:05 End Time: 22:51:39

Capacity: 7000.00 psig

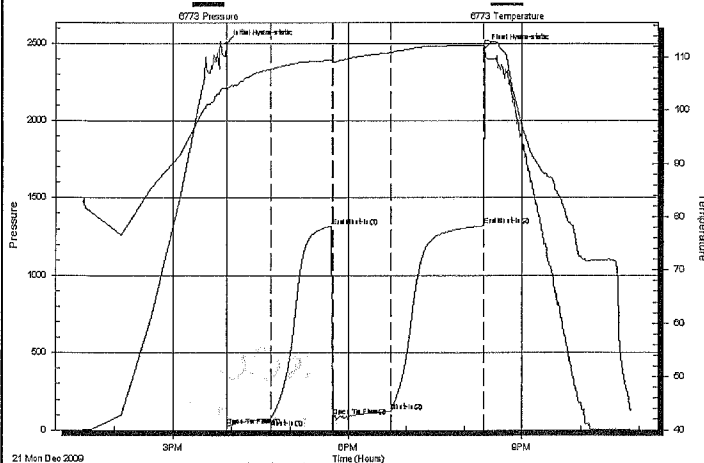
Last Calib.: 2009.12.21

Time On Btm: 2009.12.21 @ 15:54:40

Time Off Btm: 2009.12.21 @ 20:21:20

TEST COMMENT: IF- Good building blow BOB 30min.
IS- No blow back.
FF- Strong blow BOB 4min. NO GTS.
FS- Weak blow back

Pressure vs. Time



PRESSURE SUMMARY

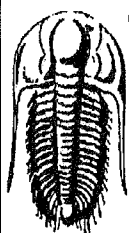
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2500.40	104.36	Initial Hydro-static
1	27.41	103.73	Open To Flow (1)
46	73.48	107.71	Shut-In(1)
108	1318.94	109.42	End Shut-In(1)
109	90.47	109.10	Open To Flow (2)
170	122.93	110.84	Shut-In(2)
266	1320.45	112.16	End Shut-In(2)
267	2467.65	113.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2620 GIP	0.00
280.00	50%gas40%oil 10%mud trace of water	1.38

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Co.

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

Frink #1-28

28-28s-23w Ford KS

Job Ticket: 37584

DST#: 1

Test Start: 2009.12.21 @ 13:30:00

Tool Information

Drill Pipe:	Length: 4676.00 ft	Diameter: 3.80 inches	Volume: 65.59 bbl	Tool Weight:	2000.00 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: 352.00 ft	Diameter: 2.25 inches	Volume: 1.73 bbl	Weight to Pull Loose:	120000.0 lb
		Total Volume:	67.32 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5020.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	43.00 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			4998.00	
Shut In Tool	5.00			5003.00	
Hydraulic tool	5.00			5008.00	
Safety Joint	3.00			5011.00	
Packer	5.00			5016.00	23.00 Bottom Of Top Packer
Packer	4.00			5020.00	
Stubb	1.00			5021.00	
Perforations	1.00			5022.00	
Recorder	0.00	8355	Inside	5022.00	
Recorder	0.00	6773	Inside	5022.00	
Perforations	15.00			5037.00	
Bullnose	3.00			5040.00	20.00 Bottom Packers & Anchor

Total Tool Length: 43.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 37584

DST#: 1

Test Start: 2009.12.21 @ 13:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 11.15 in³

Resistivity: ohm.m

Salinity: 8400.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2620 GIP	0.000
280.00	50%gas40%oil 10%mud trace of w ater	1.377

Total Length: 280.00 ft Total Volume: 1.377 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

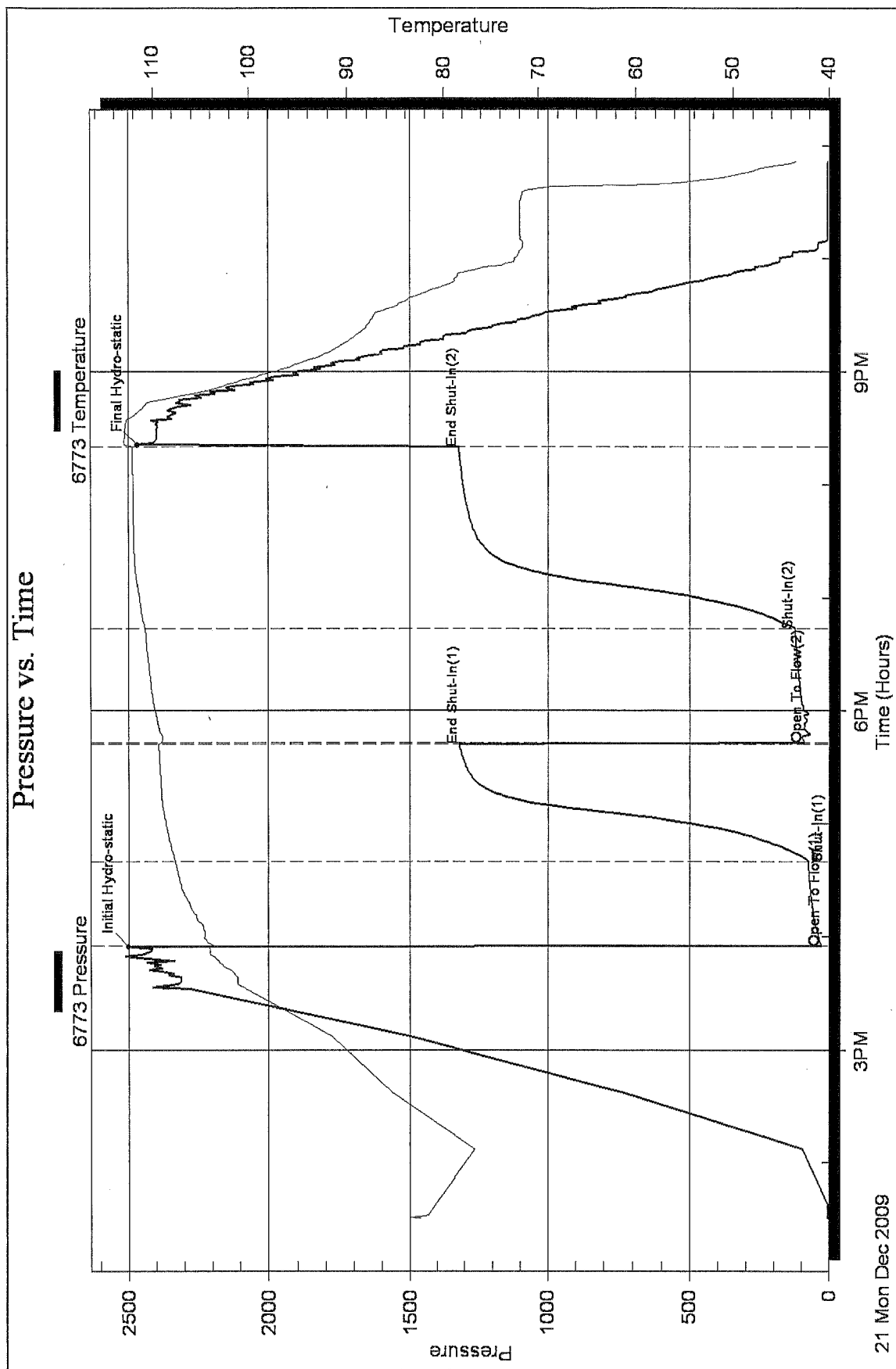
Serial #:

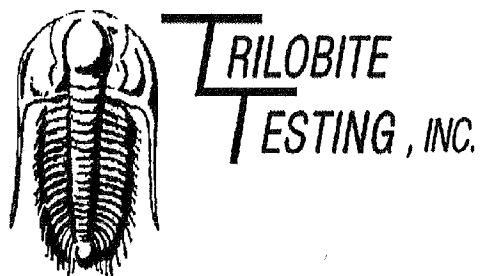
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Co.**

155 N Market
Suite 700
Wichita, KS 67202

ATTN: Ken LeBlanc

28-28s-23w Ford KS

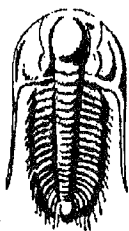
Frink #1-28

Start Date: 2009.12.29 @ 03:21:00

End Date: 2009.12.29 @ 13:38:40

Job Ticket #: 35768 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Vincent Oil Co.

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

Frink #1-28

28-28s-23w Ford KS

Job Ticket: 35768

DST#: 2

Test Start: 2009.12.29 @ 03:21:00

GENERAL INFORMATION:

Formation: **B/Inola**

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

Time Tool Opened: 05:41:10

Time Test Ended: 13:38:40

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **43**

Interval: **5148.00 ft (KB) To 5180.00 ft (KB) (TVD)**

Total Depth: **5180.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Good**

Reference Elevations: **2526.00 ft (KB)**

2514.00 ft (CF)

KB to GR/CF: **12.00 ft**

Serial #: 8357

Inside

Press@RunDepth: **197.10 psig @ 5149.00 ft (KB)**

Start Date: **2009.12.29**

End Date:

2009.12.29

Start Time: **03:21:02**

End Time:

13:38:40

Capacity: **8000.00 psig**

Last Calib.: **2009.12.29**

Time On Btm: **2009.12.29 @ 05:36:30**

Time Off Btm: **2009.12.29 @ 10:48:50**

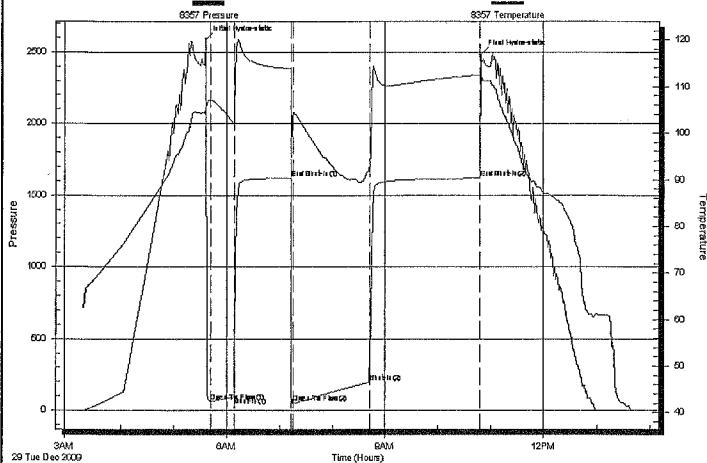
TEST COMMENT: IF: Strong blow, BOB 25 seconds, GTS 7.5 minutes

ISI: Bled off, no blow back

FF: Strong blow, BOB immediately

FSI: Bled off, blow back built to 2.5" in bucket

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2586.34	105.58	Initial Hydro-static
5	64.43	107.05	Open To Flow (1)
32	91.86	102.09	Shut-In (1)
97	1618.51	113.84	End Shut-In (1)
99	52.66	104.23	Open To Flow (2)
186	197.10	91.78	Shut-In (2)
312	1616.52	112.49	End Shut-In (2)
313	2481.36	113.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	Drilling Mud 100% m	0.37
0.00	Gas in all fluid free pipe	0.00
0.00	Oil spots in tool	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	22.00	133.34
Last Gas Rate	0.38	149.00	598.57
Max. Gas Rate	0.38	149.00	598.57



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35768

DST#: 2

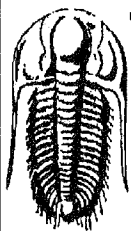
Test Start: 2009.12.29 @ 03:21:00

Tool Information

Drill Pipe:	Length: 4790.00 ft	Diameter: 3.80 inches	Volume: 67.19 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose:	130000.0 lb
		Total Volume:	68.99 bbl	Tool Chased	5.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	84000.00 lb
Depth to Top Packer:	5148.00 ft			Final	85000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	55.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5130.00	
Hydraulic tool	5.00			5135.00	
Safety Joint	3.00			5138.00	
Packer	5.00			5143.00	23.00 Bottom Of Top Packer
Packer	5.00			5148.00	
Stubb	1.00			5149.00	
Recorder	0.00	8357	Inside	5149.00	
Recorder	0.00	6799	Inside	5149.00	
Perforations	26.00			5175.00	
Bullnose	5.00			5180.00	32.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35768

DST#: 2

Test Start: 2009.12.29 @ 03:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 14.52 in³

Resistivity: ohm.m

Salinity: 14500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	Drilling Mud 100% _m	0.369
0.00	Gas in all fluid free pipe	0.000
0.00	Oil spots in tool	0.000

Total Length: 75.00 ft

Total Volume: 0.369 bbl

Num Fluid Samples: 1

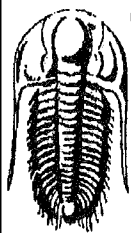
Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35768

DST#: 2

Test Start: 2009.12.29 @ 03:21:00

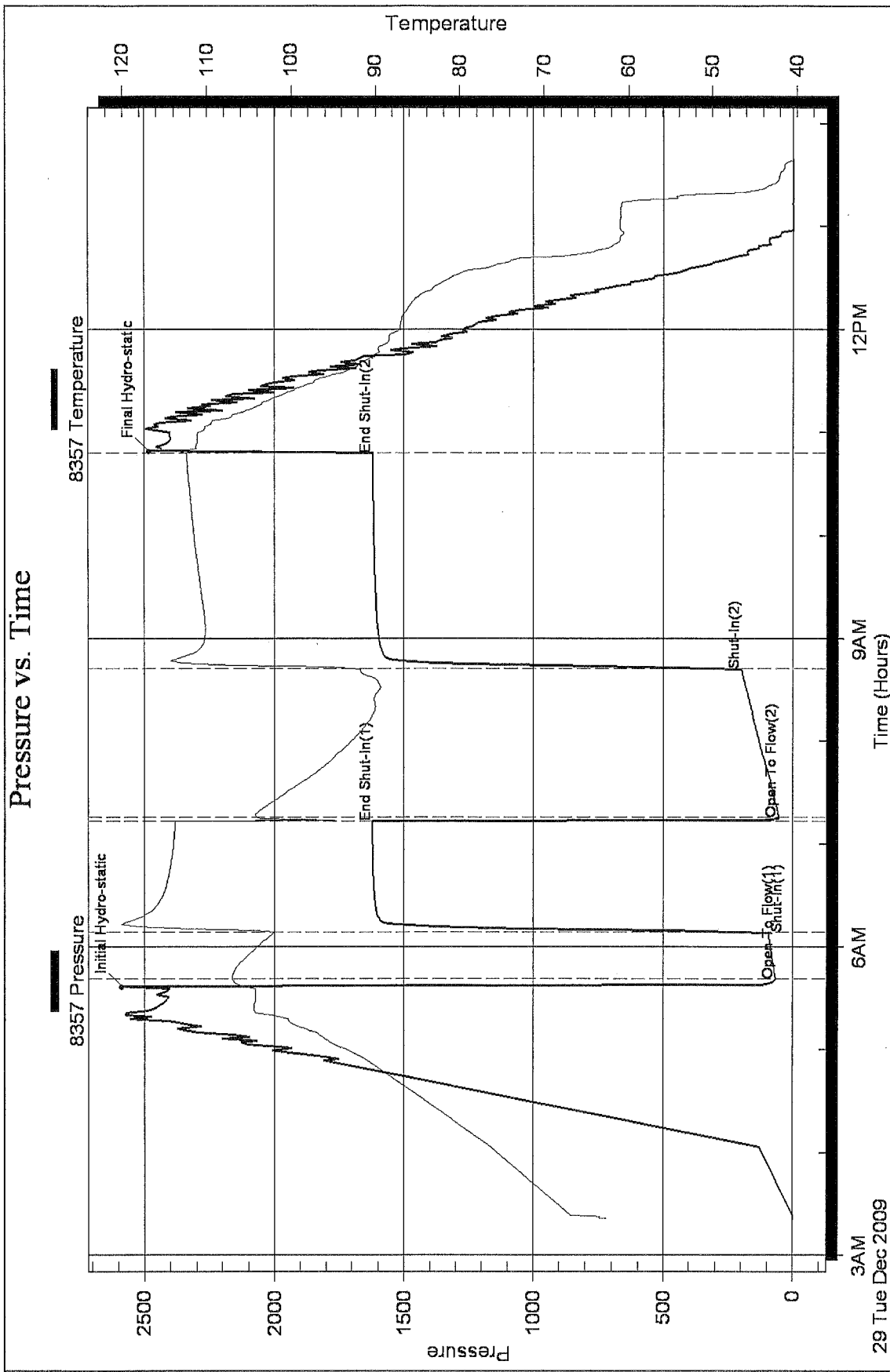
Gas Rates Information

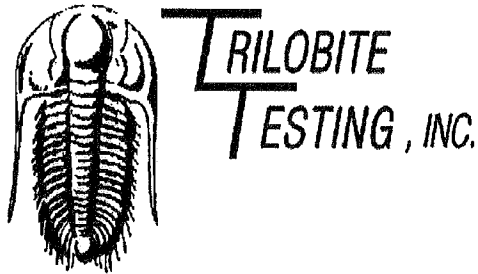
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.38	22.00	133.34
1	10	0.38	22.00	133.34
1	20	0.38	33.00	173.64
1	30	0.38	42.00	206.61
2	10	0.38	34.00	177.30
2	20	0.38	50.00	235.91
2	30	0.38	68.00	301.85
2	50	0.38	95.00	400.76
2	50	0.38	95.00	400.76
2	60	0.38	108.00	448.38
2	70	0.38	121.00	496.00
2	90	0.38	149.00	598.57

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Co.**

155 N Market
Suite 700
Wichita, KS 67202

ATTN: Ken LeBlanc

28-28s-23w Ford KS

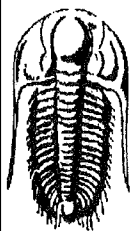
Frink #1-28

Start Date: 2009.12.30 @ 00:07:00

End Date: 2009.12.30 @ 06:28:39

Job Ticket #: 35769 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Vincent Oil Co.

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

Frink #1-28

28-28s-23w Ford KS

Job Ticket: 35769

DST#: 3

Test Start: 2009.12.30 @ 00:07:00

GENERAL INFORMATION:

Formation: **Basal Penn Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:55:40

Time Test Ended: 06:28:39

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **5183.00 ft (KB) To 5201.00 ft (KB) (TVD)**

Total Depth: 5201.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2526.00 ft (KB)

2514.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6799 Inside

Press@RunDepth: psig @ 5184.00 ft (KB)

Start Date: 2009.12.30

End Date: 2009.12.30

Start Time: 00:07:02

End Time: 06:28:40

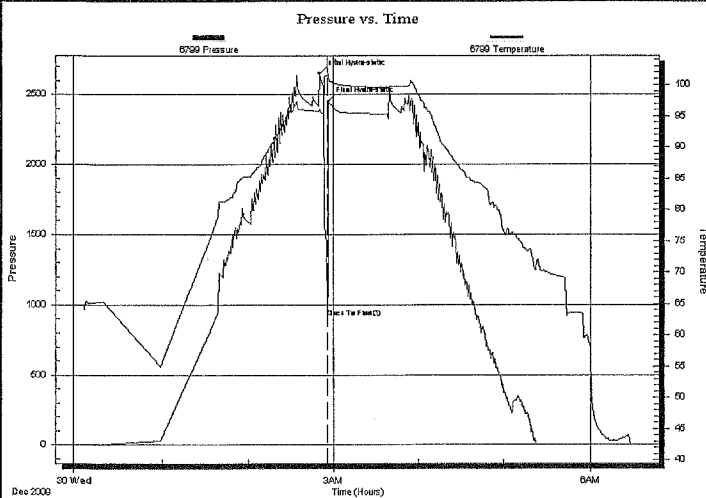
Capacity: 8000.00 psig

Last Calib.: 2009.12.30

Time On Btm: 2009.12.30 @ 02:50:20

Time Off Btm: 2009.12.30 @ 02:57:00

TEST COMMENT: Opened tool, packers failed, Pulled tool, dropped bar on 1100' of mud.



PRESSURE SUMMARY

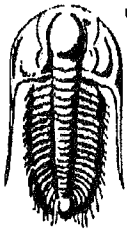
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2648.15	96.02	Initial Hydro-static
6	911.17	101.63	Open To Flow (1)
7	2452.89	101.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1100.00	mud	12.11

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35769

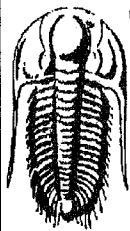
DST#: 3

Test Start: 2009.12.30 @ 00:07:00

Tool Information

Drill Pipe:	Length: 4819.00 ft	Diameter: 3.80 inches	Volume: 67.60 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose:	110000.0 lb
		Total Volume:	69.40 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	85000.00 lb
Depth to Top Packer:	5183.00 ft			Final	91000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	41.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5165.00	
Hydraulic tool	5.00			5170.00	
Safety Joint	3.00			5173.00	
Packer	5.00			5178.00	23.00 Bottom Of Top Packer
Packer	5.00			5183.00	
Stubb	1.00			5184.00	
Recorder	0.00	8357	Inside	5184.00	
Recorder	0.00	6799	Inside	5184.00	
Perforations	12.00			5196.00	
Bullnose	5.00			5201.00	18.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35769

DST#: 3

Test Start: 2009.12.30 @ 00:07:00

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:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.55 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1100.00	mud	12.105

Total Length: 1100.00 ft

Total Volume: 12.105 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6799

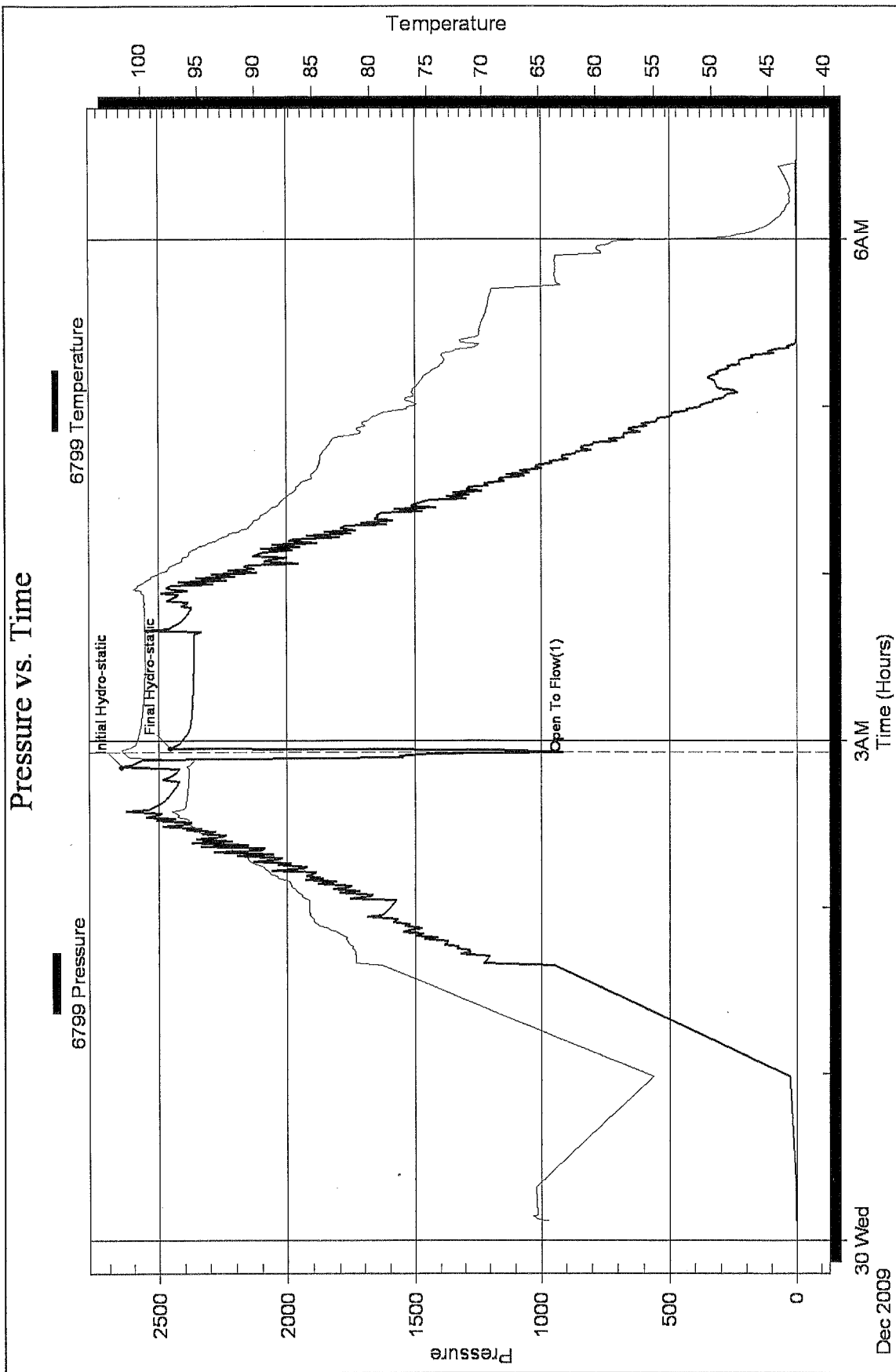
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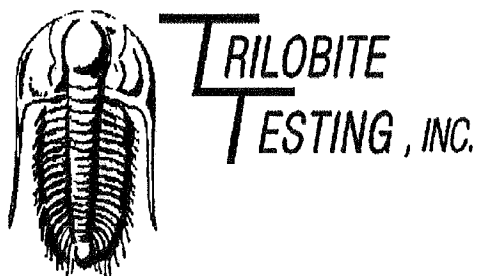
Vincent Oil Co.

28-28s-23w Ford KS

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Co.**

155 N Market
Suite 700
Wichita, KS 67202

ATTN: Ken LeBlanc

28-28s-23w Ford KS

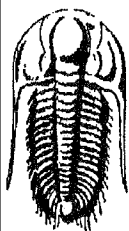
Frink #1-28

Start Date: 2009.12.30 @ 16:35:00

End Date: 2009.12.31 @ 02:13:10

Job Ticket #: 35770 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35770

DST#: 4

Test Start: 2009.12.30 @ 16:35:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:21:30

Time Test Ended: 02:13:10

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **5210.00 ft (KB) To 5230.00 ft (KB) (TVD)**

Reference Elevations: 2526.00 ft (KB)

Total Depth: 5230.00 ft (KB) (TVD)

2514.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6769

Inside

Press@RunDepth: 1063.76 psig @ 5211.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2009.12.30

End Date: 2009.12.31

Last Calib.: 2009.12.31

Start Time: 16:35:05

End Time: 02:13:09

Time On Btm: 2009.12.30 @ 19:18:30

Time Off Btm: 2009.12.30 @ 23:10:39

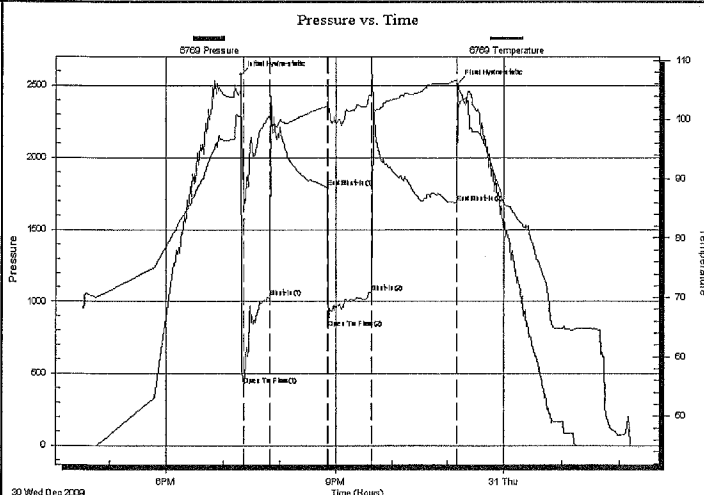
TEST COMMENT: IF: Strong blow, BOB in 10 seconds, GTS in 2 minutes 15 seconds.

IS: Bled off, weak blow back @ .5".

FF: Strong blow, BOB immediately.

FS: Bled off, weak surface blow back, blow back died.

PRESSURE SUMMARY



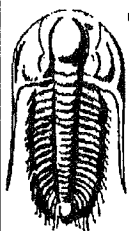
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2575.34	100.71	Initial Hydro-static
3	421.51	88.24	Open To Flow (1)
32	1026.75	100.79	Shut-In(1)
93	1790.29	102.23	End Shut-In(1)
94	818.07	102.62	Open To Flow (2)
140	1063.76	104.07	Shut-In(2)
232	1682.21	106.60	End Shut-In(2)
233	2511.22	101.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	HGCOCM 45%g 5%o 50% m	0.25
60.00	Clean Oil 100%o	0.84
0.00	Corrected gravity = 41	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	68.00	1287.08
Last Gas Rate	0.75	400.00	6472.87
Max. Gas Rate	0.75	400.00	6472.87



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35770

DST#: 4

Test Start: 2009.12.30 @ 16:35:00

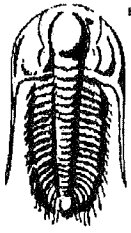
Tool Information

Drill Pipe:	Length: 5167.00 ft	Diameter: 3.80 inches	Volume: 72.48 bbl	Tool Weight:	2500.00 lb		
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb		
Drill Collar:	Length: 50.00 ft	Diameter: 2.25 inches	Volume: 0.25 bbl	Weight to Pull Loose:	110000.0 lb		
			Total Volume:	72.73 bbl	Tool Chased	20.00 ft	
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	86000.00 lb	Final	86000.00 lb
Depth to Top Packer:	5210.00 ft						
Depth to Bottom Packer:	ft						
Interval between Packers:	20.00 ft						
Tool Length:	43.00 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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Shut In Tool	5.00			5192.00	
Hydraulic tool	5.00			5197.00	
Safety Joint	3.00			5200.00	
Packer	5.00			5205.00	23.00 Bottom Of Top Packer
Packer	5.00			5210.00	
Stubb	1.00			5211.00	
Recorder	0.00	6769	Inside	5211.00	
Recorder	0.00	6799	Inside	5211.00	
Perforations	14.00			5225.00	
Bullnose	5.00			5230.00	20.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35770

DST#: 4

Test Start: 2009.12.30 @ 16:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 16.17 in³

Resistivity: ohm.m

Salinity: 16200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	HGCOCM 45%g 5%o 50%m	0.246
60.00	Clean Oil 100%o	0.842
0.00	Corrected gravity = 41	0.000

Total Length: 110.00 ft Total Volume: 1.088 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35770

DST#: 4

Test Start: 2009.12.30 @ 16:35:00

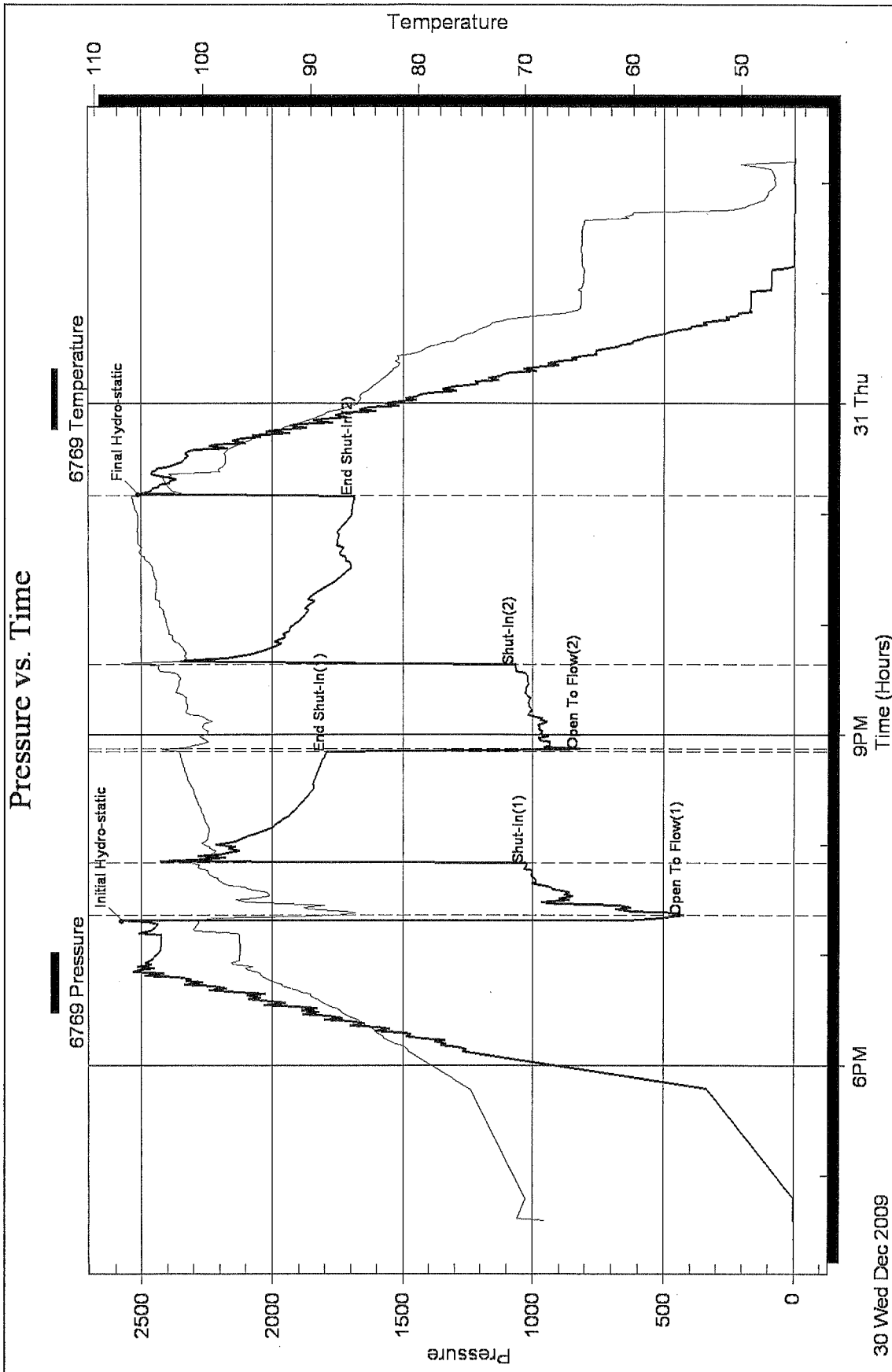
Gas Rates Information

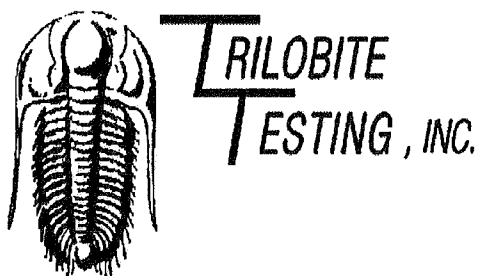
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	5	0.75	68.00	1287.08
1	5	0.75	68.00	1287.08
1	10	0.75	110.00	1943.11
1	15	0.75	167.00	2833.44
1	20	0.75	205.00	3427.00
1	25	0.75	230.00	3817.49
1	30	0.75	243.00	4020.55
2	5	0.75	75.00	1396.42
2	10	0.75	195.00	3270.80
2	15	0.75	295.00	4832.78
2	20	0.75	320.00	5223.28
2	25	0.75	370.00	6004.27
2	30	0.75	395.00	6394.77
2	35	0.75	395.00	6394.77
2	40	0.75	400.00	6472.87

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Co.**

155 N Market
Suite 700
Wichita, KS 67202

ATTN: Ken LeBlanc

28-28s-23w Ford KS

Frink #1-28

Start Date: 2009.12.31 @ 12:14:00

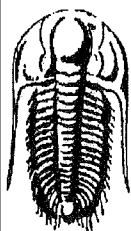
End Date: 2009.12.31 @ 22:00:30

Job Ticket #: 35771 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Co.

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

Frink #1-28

28-28s-23w Ford KS

Job Ticket: 35771

DST#: 5

Test Start: 2009.12.31 @ 12:14:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:50:00

Time Test Ended: 22:00:30

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **5236.00 ft (KB) To 5255.00 ft (KB) (TVD)**

Total Depth: 5255.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2526.00 ft (KB)

2514.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: **6769**

Inside

Press@RunDepth: 378.12 psig @ 5237.00 ft (KB)

Start Date: 2009.12.31

End Date: 2009.12.31

Start Time: 12:14:05

End Time: 22:00:30

Capacity: 8000.00 psig

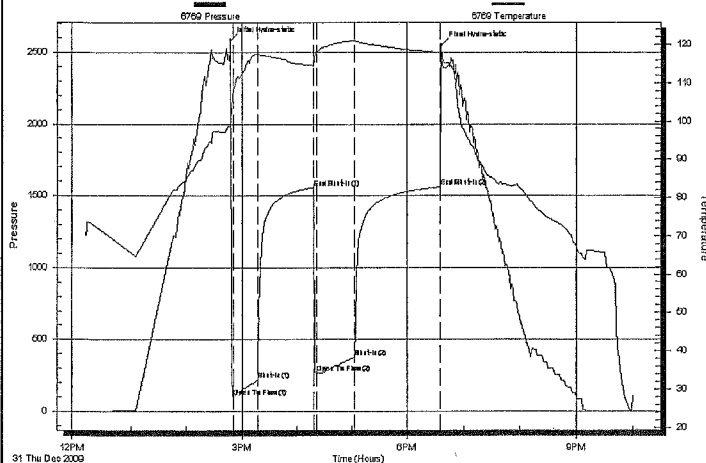
Last Calib.: 2009.12.31

Time On Btm: 2009.12.31 @ 14:47:30

Time Off Btm: 2009.12.31 @ 18:36:20

TEST COMMENT: IF: Strong blow, BOB 1 minute 40 seconds.
IS: Bled off, blow back built to BOB in 10 minutes. Died to surface by 60 minutes.
FF: Strong blow, BOB 2 minutes, GTS 25 minutes. T.S.T.M.
FSI: Bled off,

Pressure vs. Time



PRESSURE SUMMARY

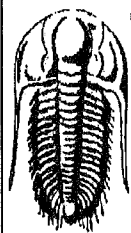
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2581.44	99.83	Initial Hydro-static
3	99.43	107.73	Open To Flow (1)
30	220.62	117.53	Shut-In(1)
91	1558.11	114.50	End Shut-In(1)
95	265.84	118.10	Open To Flow (2)
136	378.12	121.05	Shut-In(2)
228	1559.80	118.01	End Shut-In(2)
229	2546.69	116.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
458.00	Water (80,000ppm chl)	3.10
93.00	SOCW 3%o 97%w	1.30
93.00	HGCOCMW 40%g 5%o 25%m 30%w	1.30
186.00	HGCMWCO 40%g 5%m 5%w 50%o	2.61
20.00	GCMO 10%g 40%m 50%o	0.28
0.00	GTS TSTM	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

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35771

DST#: 5

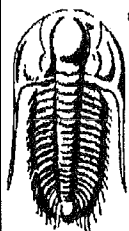
Test Start: 2009.12.31 @ 12:14:00

Tool Information

Drill Pipe:	Length: 4880.00 ft	Diameter: 3.80 inches	Volume: 68.45 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose:	120000.0 lb
		Total Volume:	70.25 bbl	Tool Chased	11.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	86000.00 lb
Depth to Top Packer:	5236.00 ft			Final	88000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	19.00 ft				
Tool Length:	42.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5218.00	
Hydraulic tool	5.00			5223.00	
Safety Joint	3.00			5226.00	
Packer	5.00			5231.00	23.00 Bottom Of Top Packer
Packer	5.00			5236.00	
Stubb	1.00			5237.00	
Recorder	0.00	6769	Inside	5237.00	
Recorder	0.00	6799	Inside	5237.00	
Perforations	13.00			5250.00	
Bullnose	5.00			5255.00	19.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Co.

Frink #1-28

155 N Market
Suite 700
Wichita, KS 67202
ATTN: Ken LeBlanc

28-28s-23w Ford KS

Job Ticket: 35771

DST#: 5

Test Start: 2009.12.31 @ 12:14:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 8900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
458.00	Water (80,000ppm chl)	3.100
93.00	SOCW 3%o 97%w	1.305
93.00	HGCOCMV 40%g 5%o 25%m 30%w	1.305
186.00	HGCMVCO 40%g 5%m 5%w 50%o	2.609
20.00	GCMO 10%g 40%m 50%o	0.281
0.00	GTS TSTM	0.000

Total Length: 850.00 ft

Total Volume: 8.600 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

