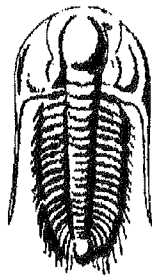


15-047-21575

36-26s-17w

IND



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Co**

155 N Market Ste 700  
Wichita KS 67202

ATTN: Ken Leblanc

**36 26 17W Edwards KS**

**Crockett # 6-36**

Start Date: 2008.06.05 @ 11:04:14

End Date: 2008.06.05 @ 20:27:24

Job Ticket #: 31654                      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Vincent Oil Co

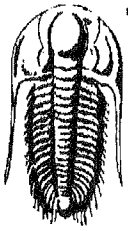
Crockett # 6-36

36 26 17W Edwards KS

DST # 1

Pleasanton

2008.06.05



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Co  
155 N Market Ste 700  
Wichita KS 67202  
ATTN: Ken Leblanc

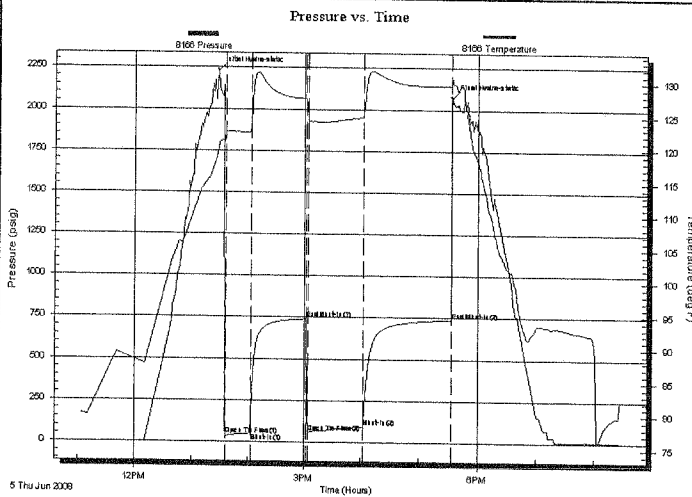
**Crockett # 6-36**  
**36 26 17W Edwards KS**  
Job Ticket: 31654      **DST#: 1**  
Test Start: 2008.06.05 @ 11:04:14

## GENERAL INFORMATION:

Formation: **Pleasanton**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 13:36:04  
Time Test Ended: 20:27:24  
Interval: **4360.00 ft (KB) To 4390.00 ft (KB) (TVD)**  
Total Depth: 4390.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Leal Cason  
Unit No: 24  
Reference Elevations: 2117.00 ft (KB)  
2107.00 ft (CF)  
KB to GRVCF: 10.00 ft

**Serial #: 8166**      **Inside**  
Press@RunDepth: 96.01 psig @ 4361.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2008.06.05      End Date: 2008.06.05      Last Calib.: 2008.06.05  
Start Time: 11:04:19      End Time: 20:27:24      Time On Btm: 2008.06.05 @ 13:28:24  
Time Off Btm: 2008.06.05 @ 17:33:44

**TEST COMMENT:** IF Strong blow BOB in 30 Sec GTS in 19 min gauged gas  
ISI Bled off no blow back  
FF Strong blow BOB GTS immediate gauged gas  
FSI Bled off 2" blow back died completely after 60 min



## PRESSURE SUMMARY

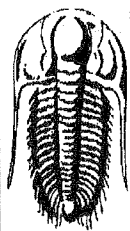
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2229.91	119.87	Initial Hydro-static
8	42.64	122.43	Open To Flow (1)
35	50.71	122.49	Shut-In(1)
94	738.84	127.63	End Shut-In(1)
95	58.82	124.33	Open To Flow (2)
154	96.01	124.81	Shut-In(2)
245	736.12	129.62	End Shut-In(2)
246	2074.92	130.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	4176' GIP	0.00
60.00	GSYMCO 20%G 36%M 44%O	0.84
120.00	GSYMCO 30%G 26%M 44%O	1.68
10.00	GSYO 20%G 80%O	0.14

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	4.00	29.19
Last Gas Rate	0.25	6.50	33.16
Max. Gas Rate	0.25	6.50	33.16



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vincent Oil Co

**Crockett # 6-36**

155 N Market Ste 700  
Wichita KS 67202

**36 26 17W Edwards KS**

ATTN: Ken Leblanc

Job Ticket: 31654

**DST#: 1**

Test Start: 2008.06.05 @ 11:04:14

### Tool Information

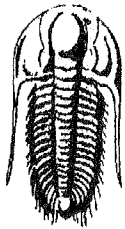
Drill Pipe:	Length: 4366.00 ft	Diameter: 3.80 inches	Volume: 61.24 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 61.24 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4360.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			4337.00	
Change Over Sub	1.00			4338.00	
Shut In Tool	5.00			4343.00	
Hydraulic tool	5.00			4348.00	
Safety Joint	3.00			4351.00	
Packer	5.00			4356.00	24.00 Bottom Of Top Packer
Packer	4.00			4360.00	
Stubb	1.00			4361.00	
Recorder	0.00	8166	Inside	4361.00	
Recorder	0.00	8356	Outside	4361.00	
Perforations	26.00			4387.00	
Bullnose	3.00			4390.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 54.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Co  
155 N Market Ste 700  
Wichita KS 67202  
ATTN: Ken Leblanc

**Crockett # 6-36**  
**36 26 17W Edwards KS**  
Job Ticket: 31654      **DST#: 1**  
Test Start: 2008.06.05 @ 11:04:14

## Mud and Cushion Information

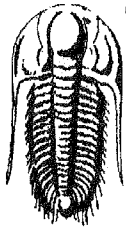
Mud Type: Gel Chem	Cushion Type:	Oil API: 34.4 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6000.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4176' GIP	0.000
60.00	GSYMCO 20%G 36%M 44%O	0.842
120.00	GSYMCO 30%G 26%M 44%O	1.683
10.00	GSYO 20%G 80%O	0.140

Total Length: 190.00 ft      Total Volume: 2.665 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

**Crockett # 6-36**

155 N Market Ste 700  
Wichita KS 67202

**36 26 17W Edwards KS**

ATTN: Ken Leblanc

Job Ticket: 31654

DST#:1

Test Start: 2008.06.05 @ 11:04:14

### 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 <sup>3</sup> /d)
1	30	0.25	4.00	29.19
1	30	0.25	4.00	29.19
2	10	0.25	6.50	33.16
2	20	0.25	6.50	33.16
2	30	0.25	6.50	33.16
2	40	0.25	6.50	33.16
2	50	0.25	6.50	33.16

231811

DST Test Number: 1

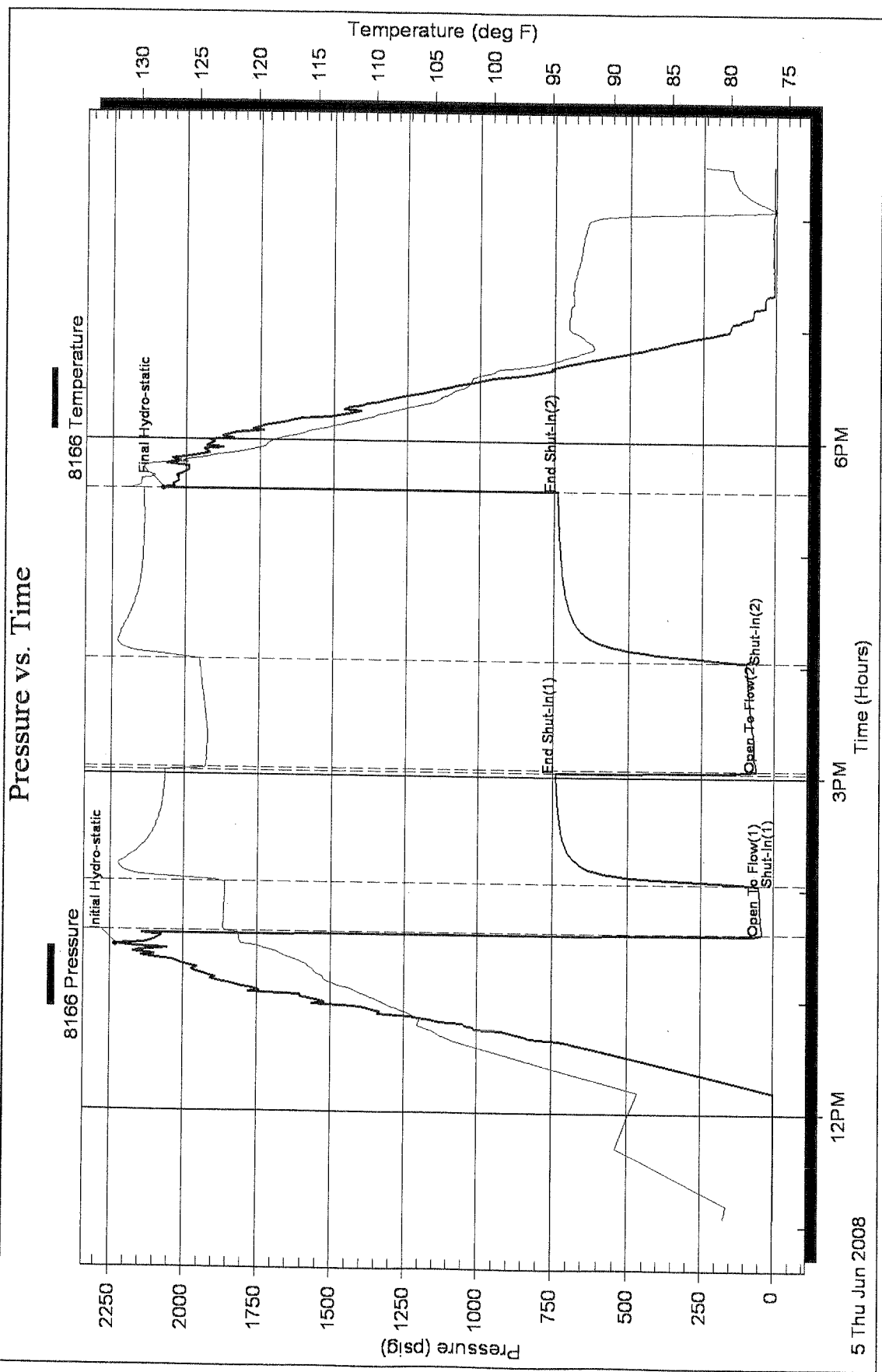
36 26 17W Edwards KS

Vincent Oil Co

Inside

Serial #: 8166

### Pressure vs. Time



Ref. No: 31654

Trilobite Testing, Inc