

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED ORIGINAL  
Form KCO-1  
October 2008  
Form Must Be Typed

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

DEC 22 2010

WICHITA

12/22/12

OPERATOR: License # 5004  
Name: Vincent Oil Corporation  
Address 1: 155 N. Market, Suite 700  
Address 2: \_\_\_\_\_  
City: Wichita State: Ks Zip: 67202 + 1821  
Contact Person: M.L. Korphage  
Phone: ( 316 ) 262-3573  
CONTRACTOR: License # 5822  
Name: VAL Energy Inc.  
Wellsite Geologist: Jim Hall

API No. 15 - 057-20692-00-00  
Spot Description: S/2-NW-SW-NE  
S/2 NW SW NE Sec. 17 Twp. 28 S. R. 23  East  West  
1820 Feet from  North /  South Line of Section  
2310 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ford  
Lease Name: Rinehart Well #: 1-17  
Field Name: Wildcat

Purchaser: Plains Marketing L.P.  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

Producing Formation: Mississippian  
Elevation: Ground: 2521 Kelly Bushing: 2531  
Total Depth: 5380' Plug Back Total Depth: 5370'  
Amount of Surface Pipe Set and Cemented at: 606 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
8/29/2010 9/12/2010 10/13/2010  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan AKINJ 1-9-11  
(Data must be collected from the Reserve Pit)  
Chloride content: 11800 ppm Fluid volume: 1100 bbls  
Dewatering method used: Allow to dry by evaporation, backfill and level to original grade  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: M.L. Korphage  
Title: Geologist Date: 12/22/2010

Subscribed and sworn to before me this 22nd day of December, 2010.

Notary Public: Opie A. Hutchinson  
Date Commission Expires: \_\_\_\_\_  
MY APPT. EXPIRES JAN 12, 2014

**KCC Office Use ONLY**

Letter of Confidentiality Received 12/22/10 - 12/22/12

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Vincent Oil Corporation Lease Name: Rinehart Well #: 1-17  
 Sec. 17 Twp. 28 S. R. 23  East  West County: Ford

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Neutron-Density, Micro-log, and Sonic log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Heebner Shale 4299 (-1768) Name Top Datum Brown Limestone 4428 (-1897) Lansing 4437 (-1906) Stark Shale 4752 (-2221) Pawnee 4971 (-2440) Cherokee Shale 5019 (-2488) Base Penn Limestone 5115 (-2584) Mississippian 5138 (-2607)
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface casing	12 1/4"	8 5/8"	23#	606'	60 / 40 POZ	390 sx	2% Gel, 3% CC
Production Casing	7 7/8"	4 1/2"	11.6#	5370'	ASC	175 sx	5# Gilsonite / sx

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	Perf. 5176' to 5178' w/ 4 SPF, A/500 MCA (15%), rigged	up to swab, swabbed load w/ good show of oil,	
	SDFN; SITP 25#, SICP1100#, blew down tubing, ran swab	line, found fluid at 1700' BLS, final swab / test	
	rate at 5.4 Bbls/hr (60% Oil), SDFN; SITP 700#,	SICP 1200#, set tubing at 5228', ran BHP and	
	rods, set surface production equipment, POP 10/13/2010		

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>5228'</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>10/13/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours *	Oil Bbls. <u>25 Bbls</u>	Gas Mcf	Water Bbls. <u>22 Bbls</u>	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Mississippian 5176' - 5178'</u>
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# ALLIED CEMENTING CO., LLC. 037042

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

KCC

DEC 22 2010

SERVICE POINT:

Medicine Lodge Ks

CONFIDENTIAL

DATE <u>8-29-10</u>	SEC. <u>17</u>	TWP. <u>28S</u>	RANGE <u>23W</u>	CALLS OUT <u>6:00 AM</u>	ON LOCATION <u>9:00 AM</u>	JOB START <u>1:00 PM</u>	JOB FINISH <u>1:30 PM</u>
<u>Rinehart</u> LEASE	WELL # <u>1-17</u>		LOCATION <u>Ford, KS North to Saddle R.</u>		COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>Sw to 120th, 2 South, 1/2 West, Sinter</u>				

CONTRACTOR V91 #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 606'

CASING SIZE 8 5/8 DEPTH 606

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42'

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 36 bbls of fresh water

OWNER Vincent Oil & Gas

CEMENT

AMOUNT ORDERED 390 sacks 60' 40' 2 1/2 Gal 390cc

COMMON	<u>234</u>	@	<u>13.50</u>	<u>3159.00</u>
POZMIX	<u>156 sk</u>	@	<u>7.55</u>	<u>1177.80</u>
GEL	<u>7 sk</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE	<u>13 sk</u>	@	<u>51.50</u>	<u>669.50</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER Derin F

# 360-265 HELPER Matt T

BULK TRUCK

# 421-290 DRIVER Jason T

BULK TRUCK

# DRIVER

RECEIVED		@		
DEC 22 2010		@		
KCC WICHITA		@		
HANDLING	<u>390</u>	@	<u>2.25</u>	<u>877.50</u>
MILEAGE	<u>390 / .10 /</u>			<u>390.00</u>
				TOTAL <u>645.55</u>

REMARKS:

Pipe on bottom & break circulation  
Pump 3 bbls Chesny mix 390sks of cement  
Shut down, Release plug, Start displacement  
Pump 36 bbls of fresh water, Shut  
In, Cement did Circulate

SERVICE

DEPTH OF JOB	<u>606'</u>			
PUMP TRUCK CHARGE	<u>991.00</u>			
EXTRA FOOTAGE		@		
MILEAGE	<u>10</u>	@	<u>7.00</u>	<u>70.00</u>
MANIFOLD		@		
	<u>Hessdrents</u>	@		

CHARGE TO: Vincent Oil & Gas

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1061.00

PLUG & FLOAT EQUIPMENT

<u>8 5/8</u>				
1- Rubber plug		@	<u>113.00</u>	
1- Baffle plate		@	<u>68.00</u>	
		@		
		@		

TOTAL 181.00

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)				
TOTAL CHARGES	<u>7657.55</u>			
DISCOUNT	<u>35%</u>			
				IF PAID IN 30 DAYS
				<u>NET 4977.40</u>

PRINTED NAME xWalter Purcell

SIGNATURE xWalter Purcell

Thank YOU!!!

# ALLIED CEMENTING CO., LLC. 039006

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

**KCC**  
**DEC 22 2010**

SERVICE POINT: Oakley KS

DATE <u>9-12-10</u>	SEC. <u>17</u>	TWP. <u>28</u>	RANGE <u>23</u>	<b>CONFIDENTIAL</b>	ON LOCATION <u>6:00am</u>	JOB START <u>9:30am</u>	JOB FINISH <u>10:00am</u>
LEASE <u>Rinehart</u>	WELL# <u>1-17</u>	LOCATION <u>Ford n. saddle rd.</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		southwest cor. 12 <sup>th</sup> 25. 1/2 W					

CONTRACTOR Val #1 OWNER SAME

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 5380'

CASING SIZE 4 1/2 11.6 DEPTH 5370'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 41

CEMENT LEFT IN CSG. 41

PERFS. \_\_\_\_\_

DISPLACEMENT 82.5 BBLs

**EQUIPMENT**

PUMP TRUCK CEMENTER Fuzzy

431 Hite HELPER 431 Kelly

BULK TRUCK \_\_\_\_\_

# 457 DRIVER CEGAR RECEIVED

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**DEC 22 2010**

REMARKS: **KCC WICHITA**

Pump SABL Fresh water, 500gal ASF. mix 20SKS MM - 30SKS RM

Mix 175SKS down 4 1/2 casing.

Wash pump lines Drop plug and displace with 290 RCL water. hit press 900' hand Press 1500' float held Plug down @ 9:45am

Turnts Fuzzys

**CEMENT**

AMOUNT ORDERED 50 SKS 60140 490gal

114# Cloger (AM.MI) 175 SKS

5 gal 1/2 20 Ch. 160, 700 Gas block w/ ch. 160

COMMON	<u>30 SKS</u>	@	<u>13.50</u>	<u>405.00</u>
POZMIX	<u>20 SKS</u>	@	<u>7.50</u>	<u>150.00</u>
GEL	<u>2 SKS</u>	@	<u>20.25</u>	<u>40.50</u>
CHLORIDE		@		
ASC	<u>175 SKS</u>	@	<u>16.70</u>	<u>2922.50</u>
@				
GAS Block	<u>115 #</u>	@	<u>10.80</u>	<u>1242.00</u>
DEFORMER	<u>24 #</u>	@	<u>8.50</u>	<u>204.00</u>
@				
NO-SEAL	<u>875 #</u>	@	<u>.85</u>	<u>743.75</u>
FL-160	<u>82 #</u>	@	<u>11.80</u>	<u>967.60</u>
500gal WFE II		@	<u>1.10</u>	<u>550.00</u>
@				
HANDLING	<u>225 SKS</u>	@	<u>2.25</u>	<u>506.25</u>
MILEAGE	<u>10 PER SK/MILE</u>			<u>300.00</u>
				<b>TOTAL</b>
				<u>8033.80</u>

**SERVICE**

DEPTH OF JOB	<u>5370'</u>		
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>10 MI</u>	@	<u>7.00</u>
MANIFOLD		@	
@			
@			
@			
<b>TOTAL</b>			
<u>2027.00</u>			

CHARGE TO: Wincent Oil Co.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

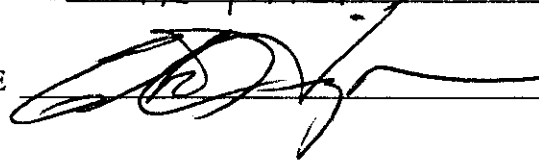
**PLUG & FLOAT EQUIPMENT**

1- AIV Insol			<u>101.00</u>
1- G. Shoe	@		<u>73.00</u>
6- centralizers	@	<u>32.00</u>	<u>192.00</u>
1- rubber plug	@		<u>27.00</u>
@			
@			
<b>TOTAL</b>			
<u>393.00</u>			

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

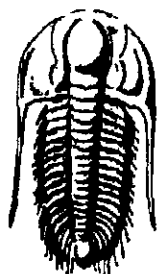
PRINTED NAME ERIK HAGANS

SIGNATURE 

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Vincent Oil Corp.**

155 N Market STE 700 Wichita, KS 67202

ATTN: Jim Hall

**17-28-23 Ford,Ks**

**Rinehart 1-17**

Start Date: 2010.09.06 @ 09:33:54

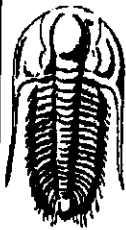
End Date: 2010.09.06 @ 20:43:03

Job Ticket #: 37430 DST #: 1

**KCC  
DEC 2 2 2010  
CONFIDENTIAL**

**RECEIVED  
DEC 2 2 2010  
KCC WICHITA**

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 Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

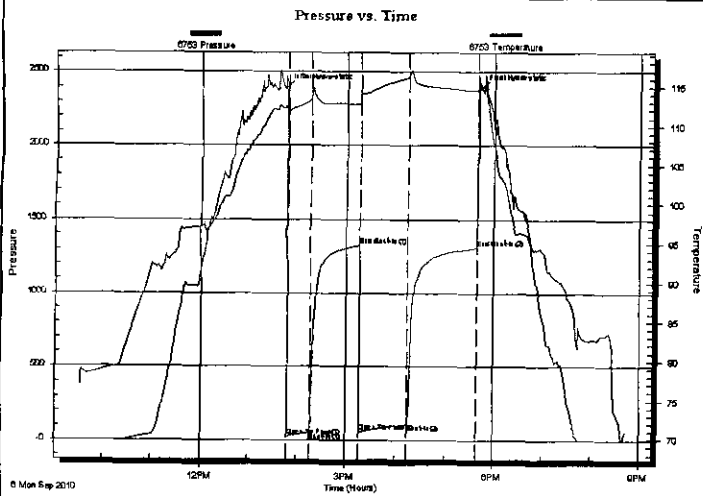
**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37430      DST#: 1  
Test Start: 2010.09.06 @ 09:33:54

## GENERAL INFORMATION:

Formation: **Pawnee**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 13:47:23  
Time Test Ended: 20:43:03  
Interval: **4956.00 ft (KB) To 4986.00 ft (KB) (TVD)**  
Total Depth: **4986.00 ft (KB) (TVD)**  
Hole Diameter: **7.78 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Chris Hagman**  
Unit No: **34**  
Reference Elevations: **2532.00 ft (KB)**  
**2521.00 ft (CF)**  
KB to GR/CF: **11.00 ft**

**Serial #: 6753**      **Outside**  
Press@RunDepth: **109.29 psig @ 4958.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2010.09.06**      End Date: **2010.09.06**      Last Calib.: **2010.09.06**  
Start Time: **09:33:54**      End Time: **20:43:03**      Time On Btm: **2010.09.06 @ 13:44:03**  
Time Off Btm: **2010.09.06 @ 17:43:03**

**TEST COMMENT:** IF: 8 inches in 30 min., fair building blow  
IS: No blow back  
FF: 9 inches in 45 min., fair building blow  
FS: No blow back



## PRESSURE SUMMARY

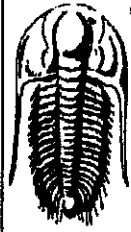
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2388.42	112.25	Initial Hydro-static
4	26.84	111.58	Open To Flow (1)
32	53.50	113.47	Shut-In(1)
93	1320.66	112.84	End Shut-In(1)
93	60.31	114.11	Open To Flow (2)
151	109.29	116.24	Shut-In(2)
235	1307.77	114.58	End Shut-In(2)
239	2389.08	115.06	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
155.00	muddy w ater 90%W,10%M	2.17
31.00	oily w atery mud 5%O,25%W,70%M	0.43

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37430      DST#: 1  
Test Start: 2010.09.06 @ 09:33:54

**Tool Information**

Drill Pipe:	Length: 4938.00 ft	Diameter: 3.80 inches	Volume: 69.27 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
			<b>Total Volume: 69.27 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4956.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

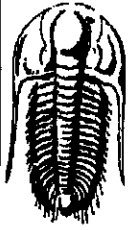
Tool Comments:

**Tool Description**

**Length (ft)    Serial No.    Position    Depth (ft)    Accum. Lengths**

Change Over Sub	1.00			4934.00	
Shut In Tool	5.00			4939.00	
Hydraulic tool	5.00			4944.00	
Safety Joint	3.00			4947.00	
Packer	5.00			4952.00	23.00      Bottom Of Top Packer
Packer	4.00			4956.00	
Stubb	1.00			4957.00	
Perforations	1.00			4958.00	
Recorder	0.00	8374	Inside	4958.00	
Recorder	0.00	6753	Outside	4958.00	
Perforations	25.00			4983.00	
Bullnose	3.00			4986.00	30.00      Bottom Packers & Anchor

**Total Tool Length: 53.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37430      DST#: 1  
Test Start: 2010.09.06 @ 09:33:54

**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:	105000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.34 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6800.00 ppm			
Filter Cake: inches			

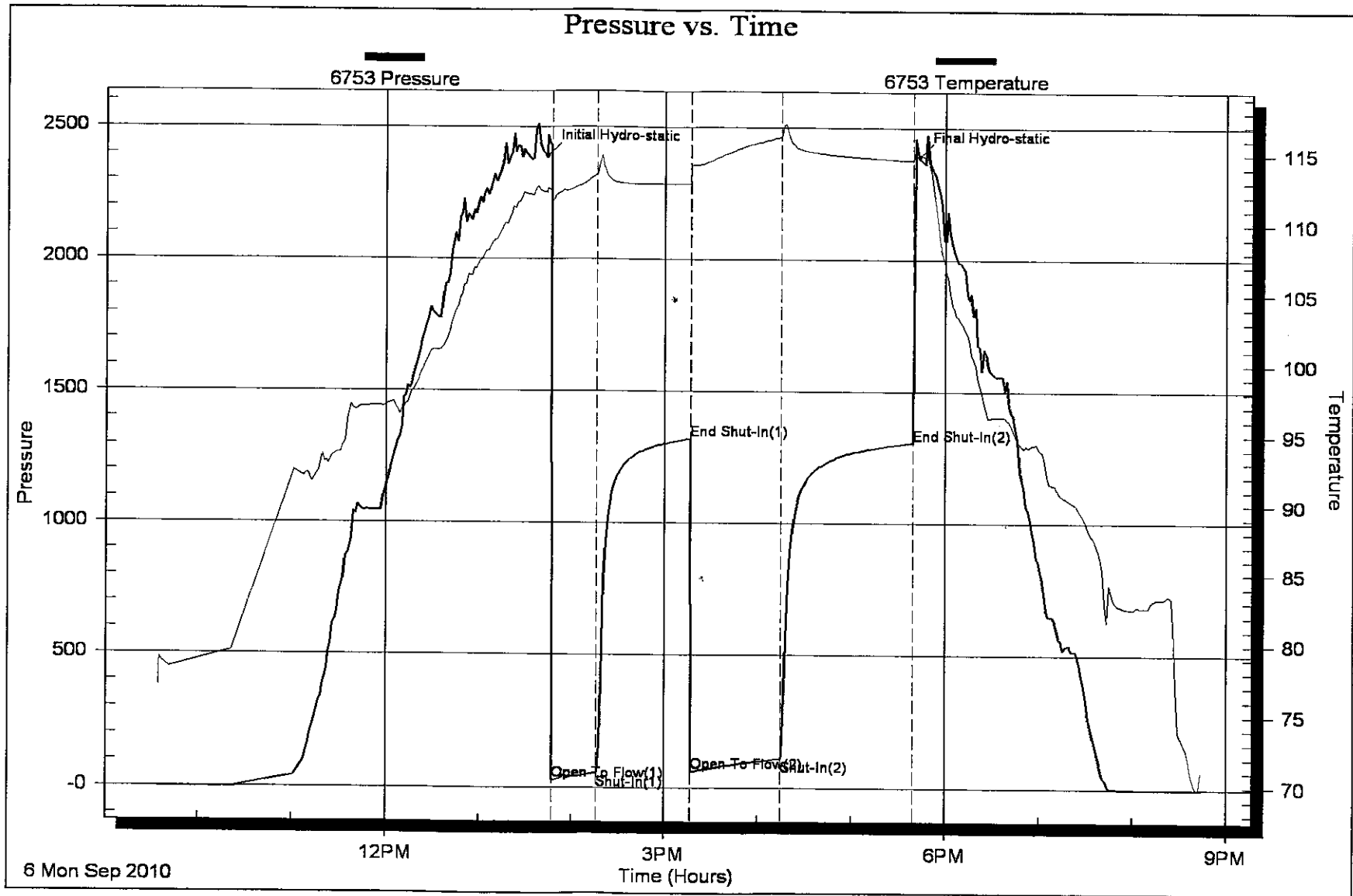
**Recovery Information**

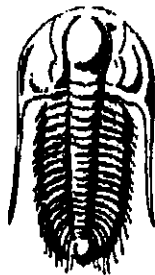
Recovery Table

Length ft	Description	Volume bbl
155.00	muddy water 90%W,10%M	2.174
31.00	oily watery mud 5%O,25%W,70%M	0.435

Total Length: 186.00 ft      Total Volume: 2.609 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: RW=.068@78F=105,000ppm







**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Vincent Oil Corp.**

155 N Market STE 700 Wichita, KS 67202

ATTN: Jim Hall

**17-28-23 Ford,Ks**

**Rinehart 1-17**

Start Date: 2010.09.07 @ 15:19:39

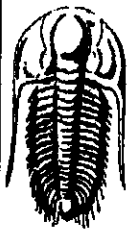
End Date: 2010.09.08 @ 00:56:57

Job Ticket #: 37431                      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 Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

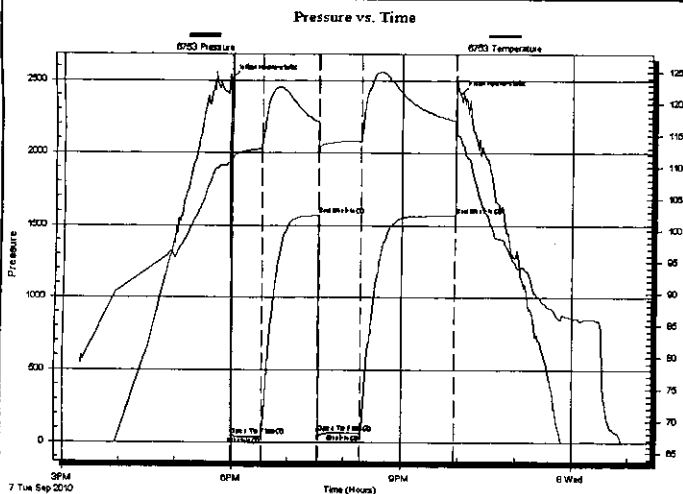
**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37431      DST#: 2  
Test Start: 2010.09.07 @ 15:19:39

## GENERAL INFORMATION:

Formation: **Pennsylvanian**  
 Deviated: **No Whipstock:**      ft (KB)  
 Time Tool Opened: 17:59:58  
 Time Test Ended: 00:56:57  
 Interval: **5032.00 ft (KB) To 5117.00 ft (KB) (TVD)**  
 Total Depth: **5117.00 ft (KB) (TVD)**  
 Hole Diameter: **7.78 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Chris Hagman**  
 Unit No: **34**  
 Reference Elevations: **2532.00 ft (KB)**  
**2521.00 ft (CF)**  
 KB to GR/CF: **11.00 ft**

**Serial #: 6753**      **Outside**  
 Press@RunDepth: **59.14 psig @ 5034.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2010.09.07**      End Date: **2010.09.08**      Last Calib.: **2010.09.08**  
 Start Time: **15:19:39**      End Time: **00:56:57**      Time On Btm: **2010.09.07 @ 17:58:08**  
 Time Off Btm: **2010.09.07 @ 22:00:48**

**TEST COMMENT:** IF: BOB 1 min., GTS 30 min., strong steady blow  
 IS: No blow back  
 FF: BOB GTS ASAO, strong steady blow  
 FSI: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2514.79	110.69	Initial Hydro-static
2	46.53	109.86	Open To Flow (1)
34	43.06	112.93	Shut-In(1)
93	1567.79	117.19	End Shut-In(1)
94	70.28	112.10	Open To Flow (2)
140	59.14	113.98	Shut-In(2)
238	1570.20	117.44	End Shut-In(2)
243	2409.56	114.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	gassy mud 5%G,95%M	1.74

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.00	41.88
Last Gas Rate	0.25	13.00	43.47
Max. Gas Rate	0.25	13.00	43.47



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202

**Rinehart 1-17**  
**17-28-23 Ford, Ks**

ATTN: Jim Hall

Job Ticket: 37431      DST#: 2  
Test Start: 2010.09.07 @ 15:19:39

## Tool Information

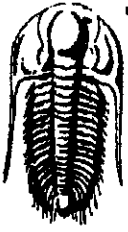
Drill Pipe:	Length: 5028.00 ft	Diameter: 3.80 inches	Volume: 70.53 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 110000.0 lb
			<b>Total Volume: 70.53 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	5032.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5010.00	
Shut In Tool	5.00			5015.00	
Hydraulic tool	5.00			5020.00	
Safety Joint	3.00			5023.00	
Packer	5.00			5028.00	23.00 Bottom Of Top Packer
Packer	4.00			5032.00	
Stubb	1.00			5033.00	
Perforations	1.00			5034.00	
Recorder	0.00	8374	Inside	5034.00	
Recorder	0.00	6753	Outside	5034.00	
Perforations	15.00			5049.00	
Change Over Sub	1.00			5050.00	
Drill Pipe	63.00			5113.00	
Change Over Sub	1.00			5114.00	
Bullnose	3.00			5117.00	85.00 Bottom Packers & Anchor

**Total Tool Length: 108.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37431      DST#: 2  
Test Start: 2010.09.07 @ 15:19:39

**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:	17000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 18.72 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 12900.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

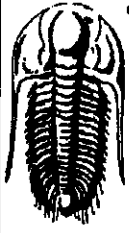
Length ft	Description	Volume bbl
124.00	gassy mud 5%G,95%M	1.739

Total Length: 124.00 ft      Total Volume: 1.739 bbl

Num Fluid Samples: 0      Num Gas Bombs: 1      Serial #:

Laboratory Name: Caraway      Laboratory Location: Liberal, KS

Recovery Comments: RW=.350@80F=17000ppm



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37431      DST#: 2  
Test Start: 2010.09.07 @ 15:19:39

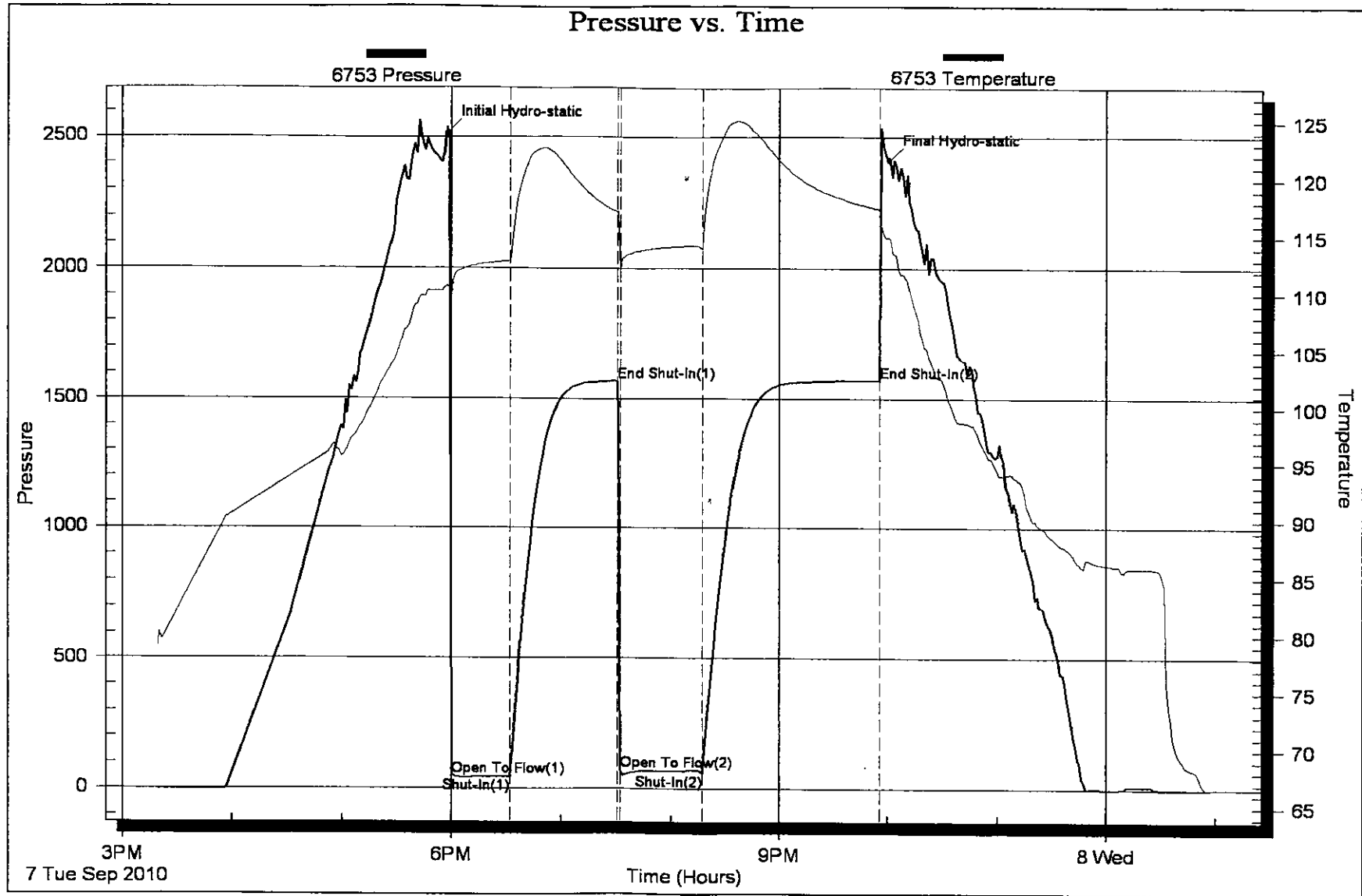
ATTN: Jim Hall

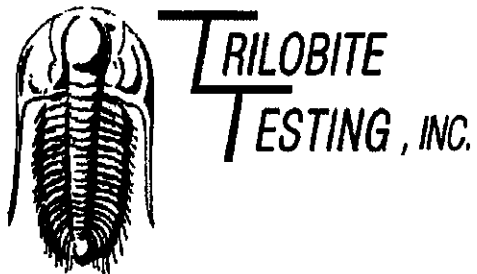
## Gas Rates Information

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)
2	10	0.25	12.00	41.88
2	10	0.25	12.00	41.88
2	20	0.25	12.00	41.88
2	30	0.25	12.00	41.88
2	40	0.25	13.00	43.47
2	45	0.25	13.00	43.47





## DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corp.**

155 N Market STE 700 Wichita, KS 67202

ATTN: Jim Hall

**17-28-23 Ford, Ks**

**Rinehart 1-17**

Start Date: 2010.09.08 @ 12:07:34

End Date: 2010.09.08 @ 21:54:03

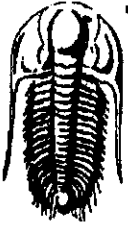
Job Ticket #: 37432                      DST #: 3

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 Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

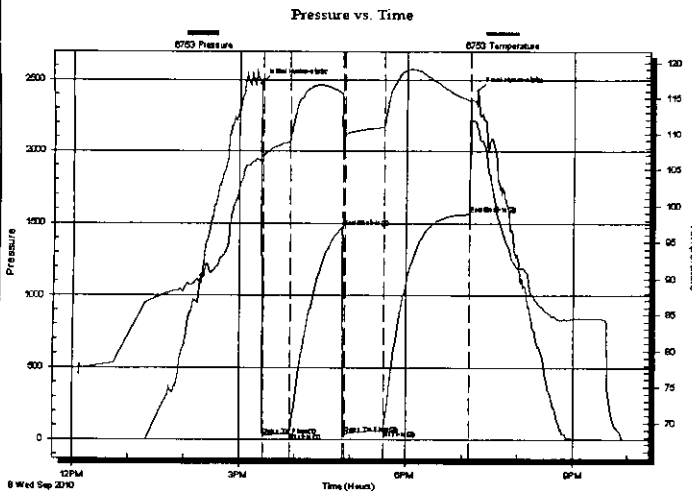
**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37432      **DST#: 3**  
Test Start: 2010.09.08 @ 12:07:34

## GENERAL INFORMATION:

Formation: **Conglomerate**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 15:25:43  
Time Test Ended: 21:54:03  
Interval: **5029.00 ft (KB) To 5137.00 ft (KB) (TVD)**  
Total Depth: 5137.00 ft (KB) (TVD)  
Hole Diameter: 7.78 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Chris Hagman  
Unit No: 34  
Reference Elevations: 2532.00 ft (KB)  
2521.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 6753      Outside**  
Press@RunDepth: 64.41 psig @ 5031.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.09.08      End Date: 2010.09.08      Last Calib.: 2010.09.08  
Start Time: 12:07:34      End Time: 21:54:03      Time On Btm: 2010.09.08 @ 15:24:03  
Time Off Btm: 2010.09.08 @ 19:15:23

**TEST COMMENT:** IF: BOB 1 min., strong steady blow  
IS: No blow back  
FF: BOB ASAO, GTS 2 min., strong steady blow  
FSI: No blow back



## PRESSURE SUMMARY

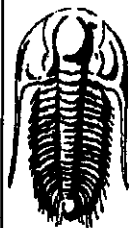
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2479.04	106.24	Initial Hydro-static
2	29.32	106.10	Open To Flow (1)
32	44.47	108.87	Shut-In(1)
88	1470.15	115.61	End Shut-In(1)
91	40.19	109.60	Open To Flow (2)
133	64.41	110.87	Shut-In(2)
224	1563.06	114.59	End Shut-In(2)
232	2425.35	111.12	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	gassy mud 5%G,95%M	1.74

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate	0.13	15.00	11.00
Max. Gas Rate	0.13	15.00	11.00



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37432      DST#: 3  
Test Start: 2010.09.08 @ 12:07:34

**Tool Information**

Drill Pipe:	Length: 5023.00 ft	Diameter: 3.80 inches	Volume: 70.46 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 110000.0 lb
		<b>Total Volume:</b>	<b>70.46 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5029.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	108.00 ft			
Tool Length:	136.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5002.00	
Shut In Tool	5.00			5007.00	
Hydraulic tool	5.00			5012.00	
Jars	5.00			5017.00	
Safety Joint	3.00			5020.00	
Packer	5.00			5025.00	28.00      Bottom Of Top Packer
Packer	4.00			5029.00	
Stubb	1.00			5030.00	
Perforations	1.00			5031.00	
Recorder	0.00	8374	inside	5031.00	
Recorder	0.00	6753	Outside	5031.00	
Perforations	8.00			5039.00	
Change Over Sub	1.00			5040.00	
Drill Pipe	93.00			5133.00	
Change Over Sub	1.00			5134.00	
Bullnose	3.00			5137.00	108.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>136.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37432      DST#: 3  
Test Start: 2010.09.08 @ 12:07:34

## Mud and Cushion Information

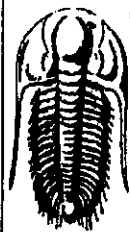
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	17000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 16.53 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 12500.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	gassy mud 5%G,95%M	1.739

Total Length: 124.00 ft      Total Volume: 1.739 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: RW=.335@84F=17,000ppm



**TRILOBITE**  
**TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Vincent Oil Corp.

**Rinehart 1-17**

155 N Market STE 700 Wichita, KS 67202

**17-28-23 Ford, Ks**

ATTN: Jim Hall

Job Ticket: 37432

DST#: 3

Test Start: 2010.09.08 @ 12:07:34

## Gas Rates Information

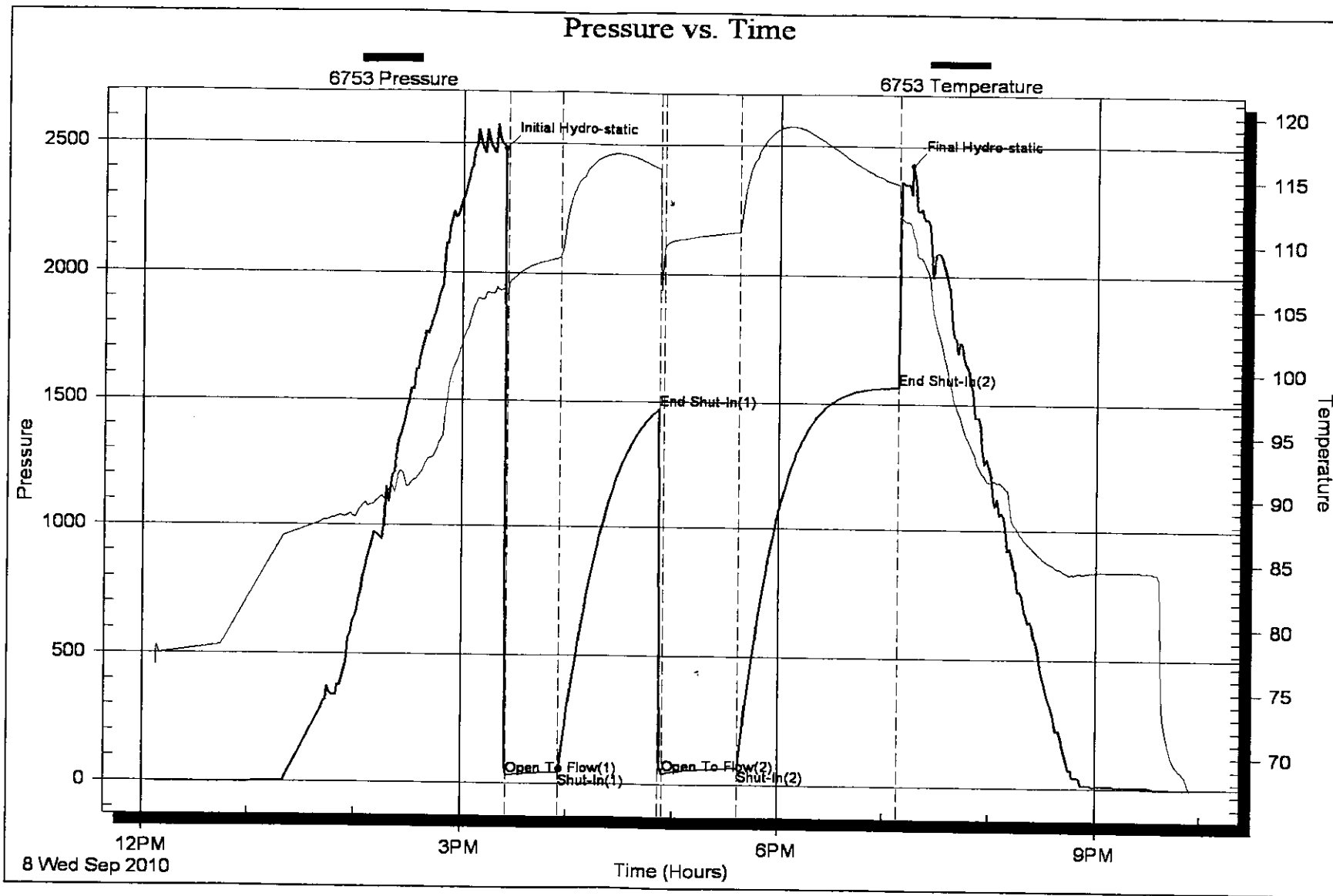
Temperature: 59 deg C

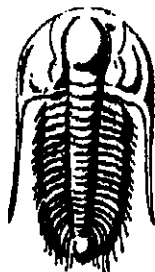
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
2	10	0.13	5.00	7.26
2	10	0.13	5.00	7.26
2	20	0.13	7.00	8.01
2	30	0.13	10.00	9.13
2	40	0.13	13.00	10.26
2	45	0.13	15.00	11.00





**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Vincent Oil Corp.**

155 N Market STE 700 Wichita, KS 67202

ATTN: Jim Hall

**17-28-23 Ford,Ks**

**Rinehart 1-17**

Start Date: 2010.09.09 @ 11:12:59

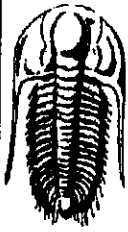
End Date: 2010.09.09 @ 21:08:47

Job Ticket #: 37433                      DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

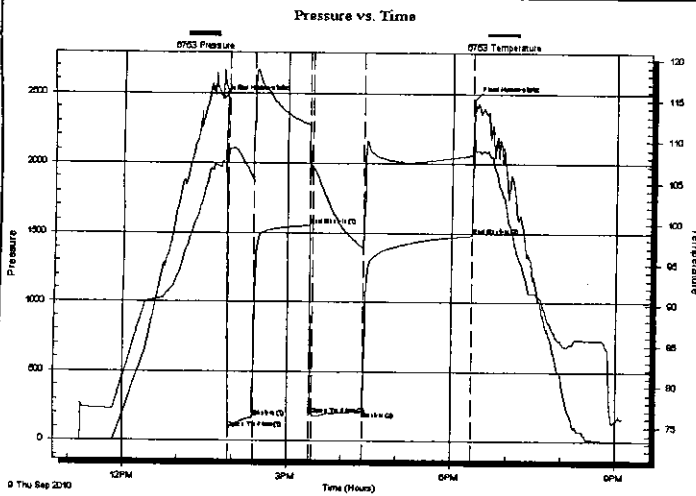
**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37433      DST#: 4  
Test Start: 2010.09.09 @ 11:12:59

## GENERAL INFORMATION:

Formation: **Mississippian**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 13:55:48  
Time Test Ended: 21:08:47  
Interval: **5110.00 ft (KB) To 5160.00 ft (KB) (TVD)**  
Total Depth: **5160.00 ft (KB) (TVD)**  
Hole Diameter: **7.78 inches** Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Chris Hagman  
Unit No: 34  
Reference Elevations: 2532.00 ft (KB)  
2521.00 ft (CF)  
KB to GRVCF: 11.00 ft

**Serial #: 6753      Outside**  
Press@RunDepth: 213.30 psig @ 5113.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.09.09      End Date: 2010.09.09      Last Calib.: 2010.09.09  
Start Time: 11:12:59      End Time: 21:08:47      Time On Btm: 2010.09.09 @ 13:48:28  
Time Off Btm: 2010.09.09 @ 18:22:48

**TEST COMMENT:** IF: BOB 30 sec., GTS 10 min., strong building blow  
IS: No blow back  
FF: BOB GTS ASAO, strong steady blow  
FS: No blow back



## PRESSURE SUMMARY

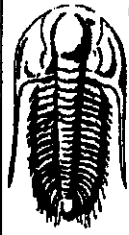
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2459.26	106.80	Initial Hydro-static
8	83.96	107.88	Open To Flow (1)
35	169.05	105.36	Shut-In(1)
96	1557.15	112.01	End Shut-In(1)
100	187.38	106.99	Open To Flow (2)
155	213.30	97.07	Shut-In(2)
274	1485.97	108.35	End Shut-In(2)
275	2453.51	111.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
150.00	gassy mud w/ skim of water 5%G 95%M2.10	

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.63	16.00	325.30
Last Gas Rate	0.75	32.00	724.76
Max. Gas Rate	0.75	32.00	724.76



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37433      **DST#: 4**  
Test Start: 2010.09.09 @ 11:12:59

**Tool Information**

Drill Pipe:	Length: 5092.00 ft	Diameter: 3.80 inches	Volume: 71.43 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 71.43 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5110.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

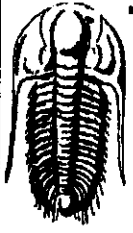
Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5088.00	
Shut In Tool	5.00			5093.00	
Hydraulic tool	5.00			5098.00	
Safety Joint	3.00			5101.00	
Packer	5.00			5106.00*	23.00      Bottom Of Top Packer
Packer	4.00			5110.00	
Stubb	1.00			5111.00	
Perforations	2.00			5113.00	
Recorder	0.00	8374	Inside	5113.00	
Recorder	0.00	6753	Outside	5113.00	
Perforations	10.00			5123.00	
Change Over Sub	1.00			5124.00	
Drill Pipe	32.00			5156.00	
Change Over Sub	1.00			5157.00	
Bullnose	3.00			5160.00	50.00      Bottom Packers & Anchor

**Total Tool Length: 73.00**





**TRIOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37433      **DST#: 4**  
Test Start: 2010.09.09 @ 11:12:59

## Mud and Cushion Information

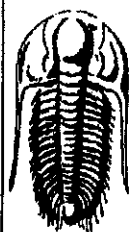
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	25000 ppm
Viscosity: 90.00 sec/qt	Cushion Volume: bbl		
Water Loss: 16.75 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 13500.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	gassy mud w/ skim of water 5%G 95%M	2.104

Total Length: 150.00 ft      Total Volume: 2.104 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 1      Serial #:  
 Laboratory Name: Caraway      Laboratory Location: Liberal, KS  
 Recovery Comments: RW=.217@87F=25,000ppm



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Vincent Oil Corp.

**Rinehart 1-17**

155 N Market STE 700 Wichita, KS 67202

**17-28-23 Ford, Ks**

Job Ticket: 37433

DST#: 4

ATTN: Jim Hall

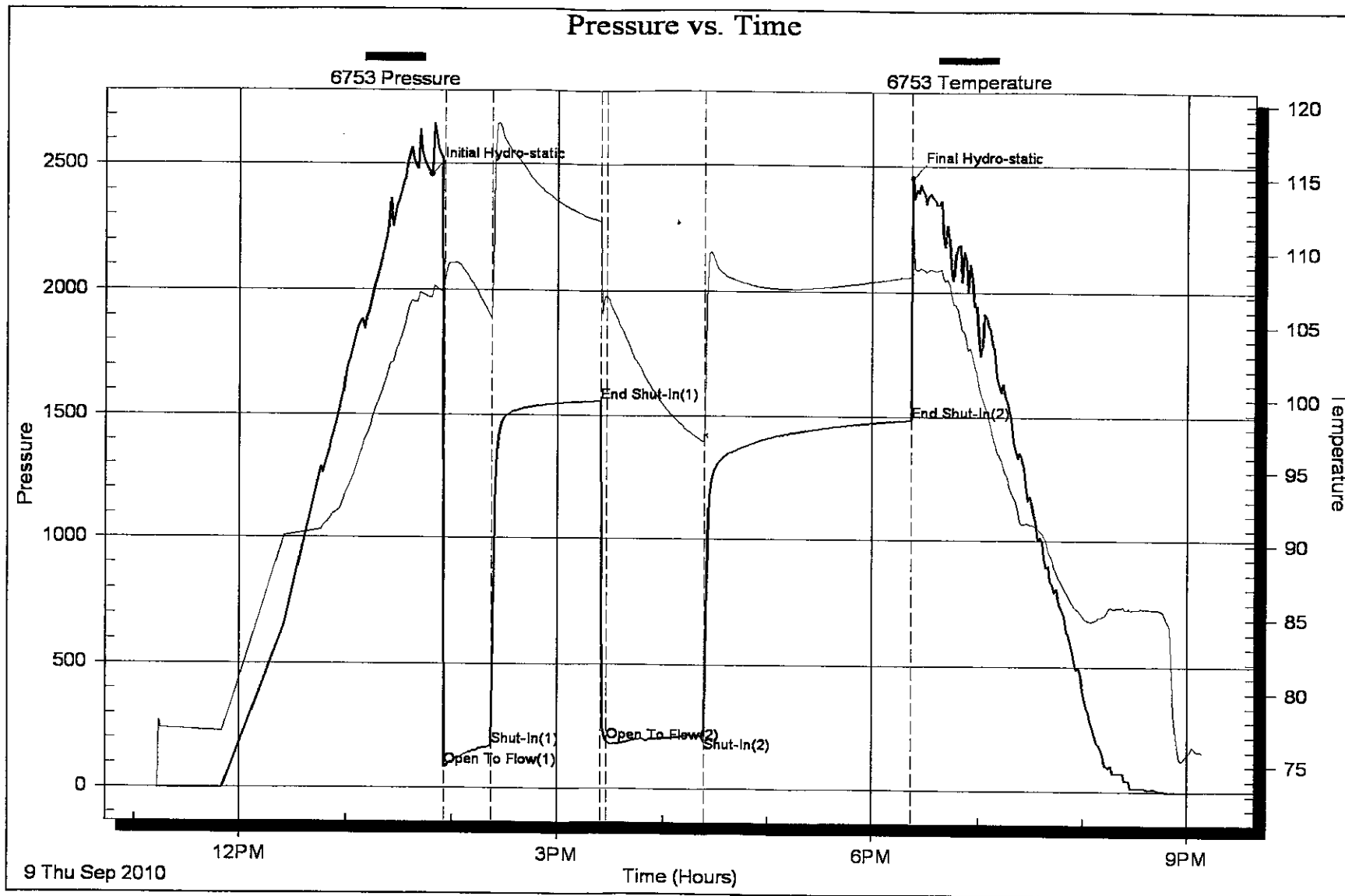
Test Start: 2010.09.09 @ 11:12:59

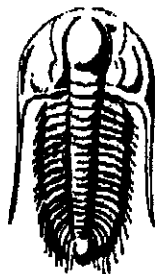
## Gas Rates Information

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	10	0.63	16.00	325.30
1	10	0.63	16.00	325.30
1	10	0.63	16.00	325.30
1	20	0.75	12.00	412.36
1	30	0.75	16.00	474.84
2	10	0.75	22.00	568.56
2	20	0.75	27.00	646.66
2	30	0.75	30.00	693.52
2	40	0.75	31.00	709.14
2	50	0.75	32.00	724.76





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corp.**

155 N Market STE 700 Wichita, KS 67202

ATTN: Jim Hall

**17-28-23 Ford, Ks**

**Rinehart 1-17**

Start Date: 2010.09.10 @ 08:55:59

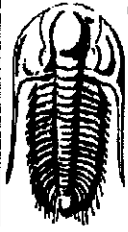
End Date: 2010.09.10 @ 20:03:47

Job Ticket #: 37434                      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 Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

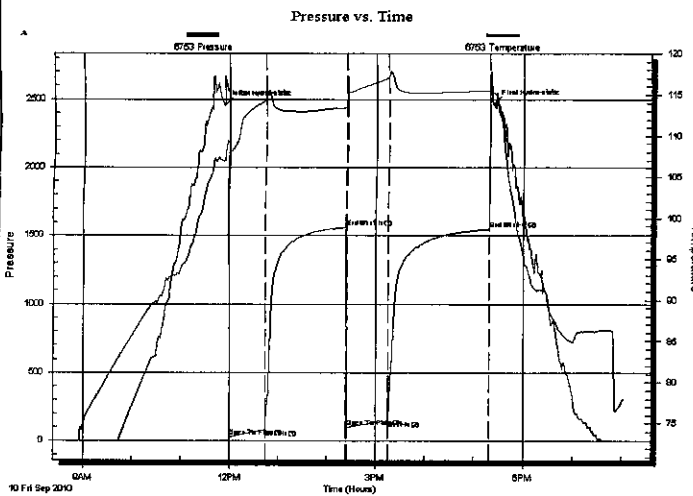
**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37434      DST#: 5  
Test Start: 2010.09.10 @ 08:55:59

## GENERAL INFORMATION:

Formation: **Mississippian**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 11:59:48  
Time Test Ended: 20:03:47  
Test Type: Conventional Bottom Hole  
Tester: Chris Hagman  
Unit No: 34  
Interval: **5169.00 ft (KB) To 5186.00 ft (KB) (TVD)**  
Total Depth: 5186.00 ft (KB) (TVD)  
Reference Elevations: 2532.00 ft (KB)  
Hole Diameter: 7.78 inches      Hole Condition: Good  
KB to GR/CF: 11.00 ft

**Serial #: 6753      Outside**  
Press@RunDepth: 147.64 psig @ 5171.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.09.10      End Date: 2010.09.10      Last Calib.: 2010.09.10  
Start Time: 08:55:59      End Time: 20:03:47      Time On Btm: 2010.09.10 @ 11:53:48  
Time Off Btm: 2010.09.10 @ 17:22:28

**TEST COMMENT:** IF: BOB 16 min., strong steady blow  
IS: Blow back 3 min., 1.0 inches in 90 min  
FF: BOB 2 min., strong steady blow  
FSI: Blow back 30 sec., BOB 20 min.



## PRESSURE SUMMARY

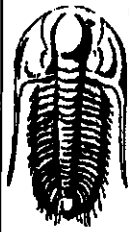
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2460.10	106.96	Initial Hydro-static
6	26.49	108.12	Open To Flow (1)
51	83.95	114.31	Shut-In(1)
151	1562.34	113.45	End Shut-In(1)
152	99.67	115.37	Open To Flow (2)
203	147.64	117.01	Shut-In(2)
325	1548.30	115.51	End Shut-In(2)
329	2469.30	115.24	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	w ater w / skim O, 100%W	0.42
342.00	gasy oily w atery mud 40%G, 20%O, 20%L, 8.0%M	

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37434      **DST#: 5**  
Test Start: 2010.09.10 @ 08:55:59

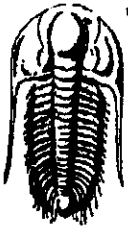
### Tool Information

Drill Pipe:	Length: 5149.00 ft	Diameter: 3.80 inches	Volume: 72.23 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
			<b>Total Volume: 72.23 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5169.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5147.00	
Shut In Tool	5.00			5152.00	
Hydraulic tool	5.00			5157.00	
Safety Joint	3.00			5160.00	
Packer	5.00			5165.00	23.00      Bottom Of Top Packer
Packer	4.00			5169.00	
Stubb	1.00			5170.00	
Perforations	1.00			5171.00	
Recorder	0.00	8374	Inside	5171.00	
Recorder	0.00	6753	Outside	5171.00	
Perforations	12.00			5183.00	
Bullnose	3.00			5186.00	17.00      Bottom Packers & Anchor

**Total Tool Length: 40.00**



**TRILOBITE  
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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Vincent Oil Corp.  
155 N Market STE 700 Wichita, KS 67202  
ATTN: Jim Hall

**Rinehart 1-17**  
**17-28-23 Ford, Ks**  
Job Ticket: 37434      DST#: 5  
Test Start: 2010.09.10 @ 08:55:59

**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:	96000 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 15.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 13000.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
30.00	water w / skim O, 100%W	0.421
342.00	gasy oily watery mud 40%G, 20%O, 20%W, 20%	4.797

Total Length: 372.00 ft      Total Volume: 5.218 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RW=.067@84F=96,000ppm

