



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1084684  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

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       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1084684

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	McCarty 3-36
Doc ID	1084684

All Electric Logs Run

Dual Induction
Desity / Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	McCarty 3-36
Doc ID	1084684

Tops

Name	Top	Datum
Heebner Shale	4348	(-1831)
Brown Limestone	4486	(-1969)
Lansing	4496	(-1979)
Stark Shale	4844	(-2327)
Pawnee	5041	(-2524)
Cherokee Shale	5088	(-2571)
Basal Penn Limestone	5189	(-2672)
Mississippian	5210	(-2693)
LTD	5584	(-3067)

# ALLIED CEMENTING CO., LLC. 037940

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Medicine Lodge, KS

DATE 2-18-2012	SEC 36	TWP 28S	RANGE 23W	CALLED OUT 2:30 AM	ON LOCATION 6:00 AM	JOB START 9:30 AM	JOB FINISH 10:30 AM
LEASE McCarty	WELL # 3-36	LOCATION Kingsdown, ks north to			COUNTY Ford	STATE KS	
OLD OR (NEW) (Circle one)		Wilburn Rd, 1 3/4 W, Winto			KST-01		

CONTRACTOR Dulce #1  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 657'  
 CASING SIZE 8 5/8 DEPTH 657'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 42'  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT 40 bbls of fresh water

OWNER Vincent Oil Co.  
 CEMENT  
 AMOUNT ORDERED 200SP 60' 40:8% Gel  
3% cc + 1/4 # Flosses, 100SP CIPSSA +  
2% Gel + 3% cc

COMMON CIPSSA 200SP	@ 16.25	1,625.00
POZMIX	@	
GEL 25x	@ 21.25	42.50
CHLORIDE 95x	@ 58.20	523.80
ASC	@	
Allied Lube Waste 200SP	@ 14.50	2900.00
Flosses 50 #	@ 2.70	135.00
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING 327	@ 2.25	735.75
MILEAGE 327/111.50		1798.50
TOTAL		7,760.55

EQUIPMENT  
 PUMP TRUCK CEMENTER Dgr. in F. 1  
 # 521 HELPER Lucas W. 1  
 BULK TRUCK  
 # 356-250 DRIVER George W. 3  
 BULK TRUCK  
 # DRIVER

REMARKS:  
 Pipe on bottom & break circulation  
 Pump 3 bbls water & fresh, mix 200SP  
 less cement, mix 100SP + 5% cement  
 Shut down, Release plug, 50% displacement  
 Pump 40 bbls, Shut in, cement did  
 Circulate

SERVICE

DEPTH OF JOB	657'	
PUMP TRUCK CHARGE		1125
EXTRA FOOTAGE 337	@ 0.95	320.15
MILEAGE 50	@ 7.00	350.00
MANIFOLD Hoses rents 1	@	
Light Vehicle 50	@ 4.00	200.00
	@	
TOTAL		1,995.15

CHARGE TO: Vincent Oil Co.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

8 5/8		
1-Rubber Plug	@	94.00
1-Bottle Plug	@	112.00
	@	
	@	
	@	
TOTAL		206.00

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) 431.87  
 TOTAL CHARGES 9961.70  
 DISCOUNT 3318.29 IF PAID IN 30 DAYS

PRINTED NAME Mike Godfrey  
 SIGNATURE Mike Godfrey

# ALLIED OIL & GAS SERVICES, LLC 054052

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
*Medicine Lodge*

DATE <i>2-29-12</i>	SEC <i>36</i>	TWP. <i>28S</i>	RANGE <i>36 23W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>McLarty</i>		WELL # <i>3-36</i>	LOCATION <i>Kingsdowns, North to Wilbur Rd</i>	COUNTY <i>Ford</i>	STATE <i>Ks</i>		
OLD OR NEW (Circle one)			<i>1 3/4 West N/N</i>				

CONTRACTOR *Duke #1*  
 TYPE OF JOB *Production*  
 HOLE SIZE *7 7/8* T.D. *5580*  
 CASING SIZE *4 1/2* DEPTH *5471*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT *15'*  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT

OWNER *Vincent Oil*  
 CEMENT  
 AMOUNT ORDERED *50.5x 60.40.4*  
*175.5x Asc + 5.7x Kalseal + F1160.5%*  
*2 1/2 gals ASF, 9 gals Clapro*

COMMON	<i>30 sacks "A"</i>	@	<i>16.25</i>	<i>487.50</i>
POZMIX	<i>20 sacks</i>	@	<i>8.50</i>	<i>170.00</i>
GEL	<i>2 sacks</i>	@	<i>21.25</i>	<i>42.50</i>
CHLORIDE		@		
ASC "A"	<i>175 sacks</i>	@	<i>19.00</i>	<i>3325.00</i>
Kalseal	<i>875#</i>	@	<i>.89</i>	<i>778.75</i>
F1160	<i>82#</i>	@	<i>17.20</i>	<i>1410.40</i>
ASF	<i>2 1/2 gals</i>	@	<i>1.27</i>	<i>3.18</i>
Clapro	<i>9 gals</i>	@	<i>31.25</i>	<i>281.25</i>

EQUIPMENT  
 PUMP TRUCK CEMENTER *David F. Ron G.*  
 # *471-302* HELPER *Harry P.*  
 BULK TRUCK  
 # *421-290* DRIVER *George W.*  
 BULK TRUCK  
 # DRIVER

HANDLING *279* @ *2.25* *627.75*  
 MILEAGE *279 x 50 x .11* *1534.50*  
 TOTAL *\$8116.83*

REMARKS:

*Pump 3bls H2O, pump 500gals ASF, 3bls H2O  
 Pump 50.5x 60.40.4 plug Rat & Mouse, pump 175.5x  
 ASC, wash pump lines, start Displacement  
 @ 3bls/min. Slow to 3bls/min at 77 Bls  
 Bump plug at 900 psi, The plug did  
 Hold*

SERVICE

DEPTH OF JOB	<i>5471</i>		
PUMP TRUCK CHARGE			<i>2125-</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>50</i>	@	<i>7.00</i> <i>350-</i>
MANIFOLD		@	
LV	<i>50</i>	@	<i>4.00</i> <i>200-</i>
TOTAL			<i>\$3245-</i>

CHARGE TO: *Vincent Oil*  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

*4 1/2* PLUG & FLOAT EQUIPMENT

<i>1- Reg Guide Shoe</i>	@		<i>102.00</i>
<i>1- APD Insert</i>	@		<i>249.00</i>
<i>6- Centralizers</i>	@	<i>48</i>	<i>288.00</i>
<i>3- Baskets</i>	@	<i>270</i>	<i>810.00</i>
<i>1- Rubber plug</i>	@		<i>71.00</i>
TOTAL			<i>1610-</i>

To: Allied Oil & Gas Services, 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 *\$13,515.83*  
 DISCOUNT *20%* IF PAID IN 30 DAYS  
 Net \$ *10,812.66*

PRINTED NAME *Pat Livingston*  
 SIGNATURE *Pat Livingston*



## DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corp.**

155 N. Market Ste. 700  
Wichita KS. 67202

ATTN: Ken LeBlanc

### **McCarty #3-36**

### **36-28s-23w Ford, KS**

Start Date: 2012.02.26 @ 12:11:00

End Date: 2012.02.26 @ 18:37:15

Job Ticket #: 45745                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.03.02 @ 11:50:49



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corp.

**36-28s-23w Ford,KS**

155 N.Market Ste.700  
Wichita KS.67202

**McCarty #3-36**

Job Ticket: 45745

**DST#: 1**

ATTN: Ken LeBlanc

Test Start: 2012.02.26 @ 12:11:00

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:36:30

Time Test Ended: 18:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 5186.00 ft (KB) To 5224.00 ft (KB) (TVD)**

Reference Elevations: 2517.00 ft (KB)

Total Depth: 5224.00 ft (KB) (TVD)

2505.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8167 Inside**

Press @ Run Depth: 20.55 psig @ 5187.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.26

End Date:

2012.02.26

Last Calib.:

2012.02.26

Start Time: 12:11:01

End Time:

18:37:15

Time On Btm:

2012.02.26 @ 14:34:45

Time Off Btm:

2012.02.26 @ 16:42:30

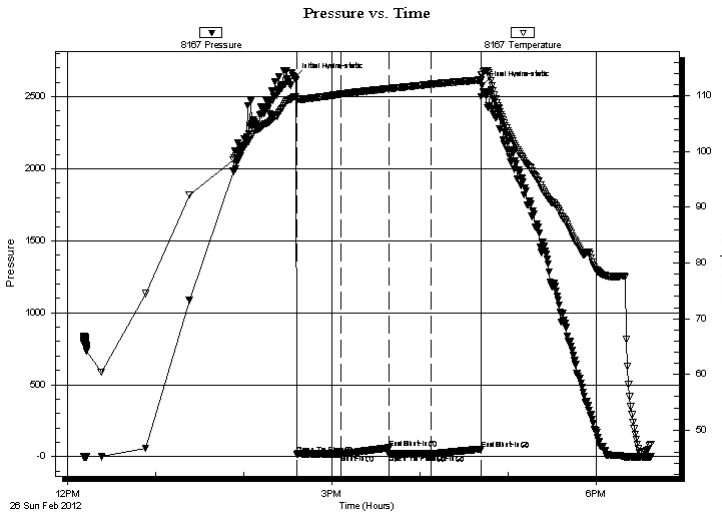
TEST COMMENT: IF:Weak blow . 3/4".

IS:No blow .

FF:Weak blow . 1/2 - 3/4".

FS:No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2630.59	109.88	Initial Hydro-static
2	18.81	109.32	Open To Flow (1)
32	20.43	110.31	Shut-In(1)
65	62.81	111.29	End Shut-In(1)
65	18.36	111.29	Open To Flow (2)
93	20.55	112.08	Shut-In(2)
127	53.34	112.84	End Shut-In(2)
128	2575.41	113.83	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	60 ft.of GIP	0.00
12.00	Drilg.mud	0.17

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corp.

**36-28s-23w Ford, KS**

155 N. Market Ste. 700  
Wichita KS. 67202

**McCarty #3-36**

Job Ticket: 45745

**DST#: 1**

ATTN: Ken LeBlanc

Test Start: 2012.02.26 @ 12:11:00

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

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Time Test Ended: 18:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 5186.00 ft (KB) To 5224.00 ft (KB) (TVD)**

Reference Elevations: 2517.00 ft (KB)

Total Depth: 5224.00 ft (KB) (TVD)

2505.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8370 Outside**

Press @ Run Depth: psig @ 5187.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.26

End Date: 2012.02.26

Last Calib.: 2012.02.26

Start Time: 12:03:47

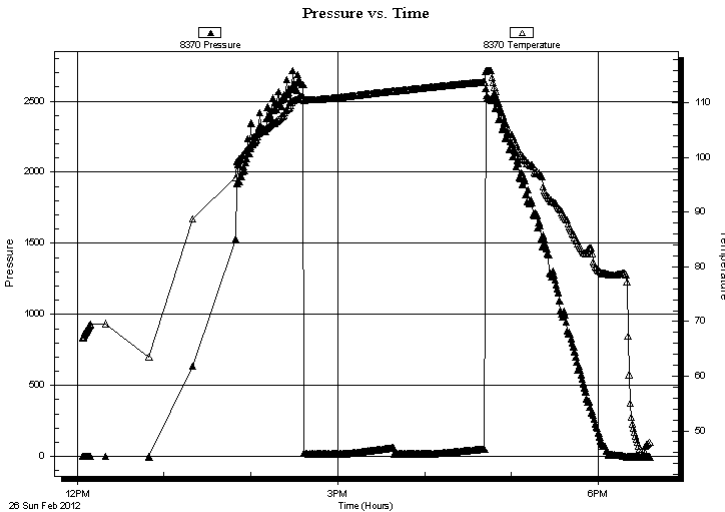
End Time: 18:35:26

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IF: Weak blow . 3/4".  
IS: No blow .  
FF: Weak blow . 1/2 - 3/4".  
FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	60 ft. of GIP	0.00
12.00	Drig. mud	0.17

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vincent Oil Corp.

**36-28s-23w Ford,KS**

155 N.Market Ste.700  
Wichita KS.67202

**McCarty #3-36**

Job Ticket: 45745

**DST#: 1**

ATTN: Ken LeBlanc

Test Start: 2012.02.26 @ 12:11:00

## Tool Information

Drill Pipe:	Length: 5181.00 ft	Diameter: 3.80 inches	Volume: 72.68 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	71000.00 lb
			<u>Total Volume: 72.68 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	63000.00 lb
Depth to Top Packer:	5186.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	61.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			5164.00	
Shut in tool	5.00			5169.00	
HMV	5.00			5174.00	
Safety Joint	3.00			5177.00	
Packer	4.00			5181.00	23.00 Bottom Of Top Packer
Packer	5.00			5186.00	
Stubb	1.00			5187.00	
Recorder	0.00	8167	Inside	5187.00	
Recorder	0.00	8370	Outside	5187.00	
Perforations	32.00			5219.00	
Bullnose	5.00			5224.00	38.00 Bottom Packers & Anchor

**Total Tool Length: 61.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corp.

**36-28s-23w Ford,KS**

155 N.Market Ste.700  
Wichita KS.67202

**McCarty #3-36**

Job Ticket: 45745

**DST#: 1**

ATTN: Ken LeBlanc

Test Start: 2012.02.26 @ 12:11:00

## 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:

7100 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7100.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	60 ft.of GIP	0.000
12.00	Drig.mud	0.168

Total Length: 12.00 ft      Total Volume: 0.168 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

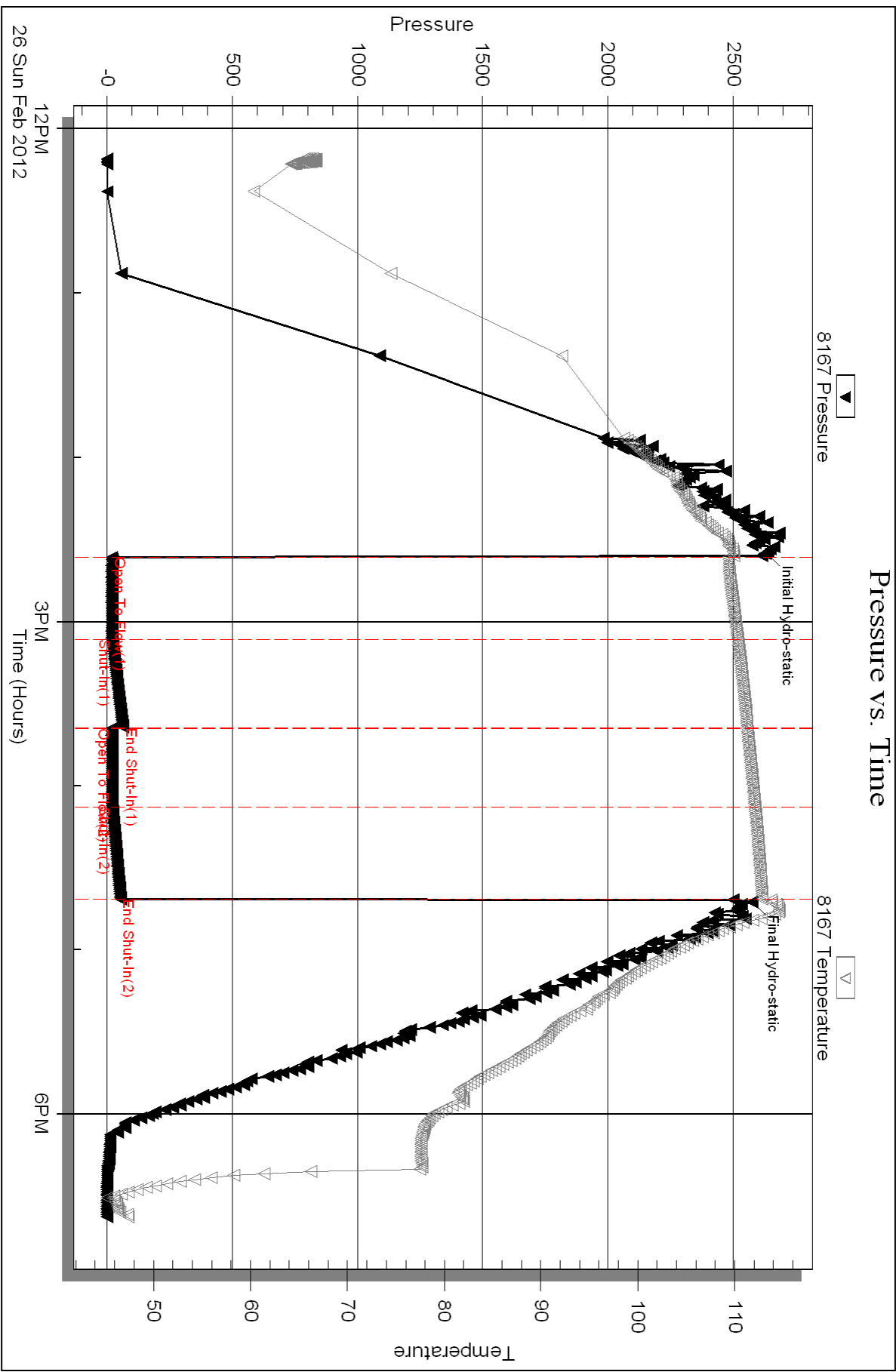
Serial #: 8167

Inside

Vincent Oil Corp.

McCarthy #3-36

DST Test Number: 1

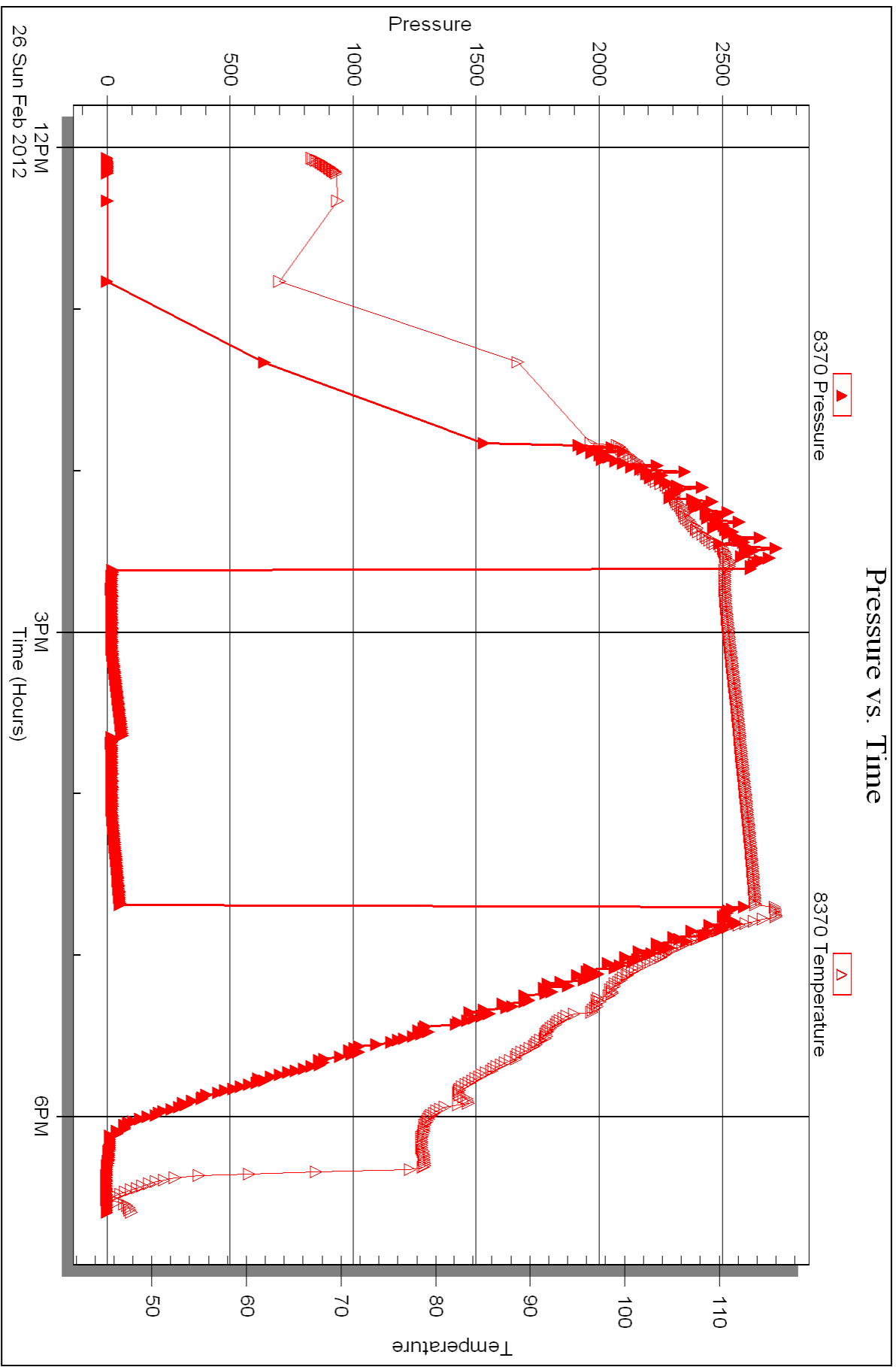


Serial #: 8370

Outside Vincent Oil Corp.

McCarthy #3-36

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corp.**

155 N. Market Ste. 700  
Wichita KS. 67202

ATTN: Ken LeBlanc

### **McCarty #3-36**

### **36-28s-23w Ford, KS**

Start Date: 2012.02.27 @ 03:51:35

End Date: 2012.02.27 @ 14:39:20

Job Ticket #: 45746                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.03.02 @ 11:50:09



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corp.

**36-28s-23w Ford,KS**

155 N.Market Ste.700  
Wichita KS.67202

**McCarty #3-36**

Job Ticket: 45746

**DST#: 2**

ATTN: Ken LeBlanc

Test Start: 2012.02.27 @ 03:51:35

## GENERAL INFORMATION:

Formation: **Miss. Dolomite**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:02:50

Time Test Ended: 14:39:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 5185.00 ft (KB) To 5255.00 ft (KB) (TVD)**

Reference Elevations: 2517.00 ft (KB)

Total Depth: 5225.00 ft (KB) (TVD)

2505.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 12.00 ft

**Serial #: 8167**

**Inside**

Press @ Run Depth: 277.98 psig @ 5186.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.27

End Date:

2012.02.27

Last Calib.:

2012.02.27

Start Time: 03:51:36

End Time:

14:39:20

Time On Btm:

2012.02.27 @ 07:00:05

Time Off Btm:

2012.02.27 @ 11:39:35

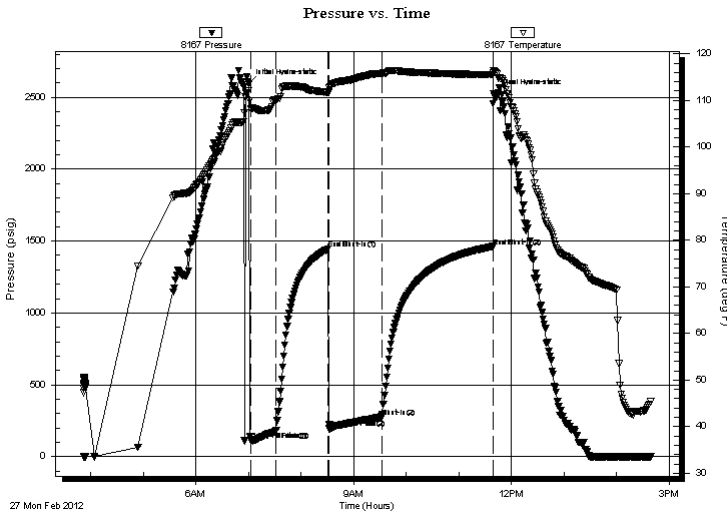
**TEST COMMENT:** IF: Fair blow . Lost mud down backside. Picked up & re-set tool. Strong blow . B.O.B. in 3 mins.

IS: Weak blow . 1 - 2".

FF: Strong blow . B.O.B. in 1 min. GTS in 22 mins. (see gas flow report)

FS: Strong blow . B.O.B.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2592.10	112.09	Initial Hydro-static
3	116.13	108.28	Open To Flow (1)
31	176.52	109.90	Shut-In(1)
91	144.85	111.77	End Shut-In(1)
92	195.39	112.63	Open To Flow (2)
153	277.98	115.81	Shut-In(2)
279	1461.93	115.48	End Shut-In(2)
280	2523.53	116.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
105.00	GCM 24%g 76%m	1.47
220.00	GOCM 28%g 28%o 44%m	3.09
225.00	GW&MCO 33%g 10%w 20%m 37%o	3.16
62.00	SW w o specs	0.87

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.00	26.02
Last Gas Rate	0.25	2.00	26.02
Max. Gas Rate	0.25	2.00	26.02



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corp.  
 155 N. Market Ste. 700  
 Wichita KS. 67202  
 ATTN: Ken LeBlanc

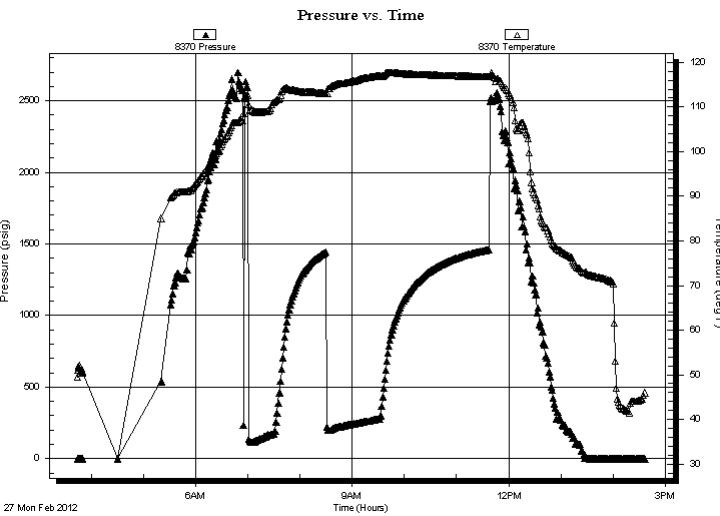
**36-28s-23w Ford, KS**  
**McCarty #3-36**  
 Job Ticket: 45746 **DST#: 2**  
 Test Start: 2012.02.27 @ 03:51:35

## GENERAL INFORMATION:

Formation: **Miss. Dolomite**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:02:50  
 Time Test Ended: 14:39:20  
 Interval: **5185.00 ft (KB) To 5255.00 ft (KB) (TVD)**  
 Total Depth: 5225.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Gary Pevoteaux  
 Unit No: 56  
 Reference Elevations: 2517.00 ft (KB)  
 2505.00 ft (CF)  
 KB to GR/CF: 12.00 ft

**Serial #: 8370 Outside**  
 Press @ Run Depth: psig @ 5186.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.02.27 End Date: 2012.02.27 Last Calib.: 2012.02.27  
 Start Time: 03:44:25 End Time: 14:37:05 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF: Fair blow . Lost mud down backside. Picked up & re-set tool. Strong blow . B.O.B. in 3 mins.  
 IS: Weak blow . 1 - 2".  
 FF: Strong blow . B.O.B. in 1 min. GTS in 22 mins. (see gas flow report)  
 FS: Strong blow . B.O.B.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
105.00	GCM 24%g 76%m	1.47
220.00	GOCM 28%g 28%o 44%m	3.09
225.00	GW&MCO 33%g 10%w 20%m 37%o	3.16
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Max. Gas Rate	0.25	2.00	26.02





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vincent Oil Corp.

**36-28s-23w Ford,KS**

155 N.Market Ste.700  
Wichita KS.67202

**McCarty #3-36**

Job Ticket: 45746

**DST#: 2**

ATTN: Ken LeBlanc

Test Start: 2012.02.27 @ 03:51:35

## Tool Information

Drill Pipe:	Length: 5180.00 ft	Diameter: 3.80 inches	Volume: 72.66 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 77000.00 lb
			<u>Total Volume: 72.66 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	5185.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	93.00 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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C.O. Sub	1.00			5163.00	
Shut in tool	5.00			5168.00	
HMV	5.00			5173.00	
Safety Joint	3.00			5176.00	
Packer	4.00			5180.00	23.00 Bottom Of Top Packer
Packer	5.00			5185.00	
Stubb	1.00			5186.00	
Recorder	0.00	8167	Inside	5186.00	
Recorder	0.00	8370	Outside	5186.00	
Perforations	5.00			5191.00	
Blank Spacing	32.00			5223.00	
Perforations	27.00			5250.00	
Bullnose	5.00			5255.00	70.00 Bottom Packers & Anchor

**Total Tool Length: 93.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corp.

**36-28s-23w Ford,KS**

155 N.Market Ste.700  
Wichita KS.67202

**McCarty #3-36**

Job Ticket: 45746

**DST#: 2**

ATTN: Ken LeBlanc

Test Start: 2012.02.27 @ 03:51:35

## 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:

74000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7100.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
105.00	GCM 24%g 76%m	1.473
220.00	GOCM 28%g 28%o 44%m	3.086
225.00	GW&MCO 33%g 10%w 20%m 37%o	3.156
62.00	SW w o specs	0.870

Total Length: 612.00 ft      Total Volume: 8.585 bbf

Num Fluid Samples: 0

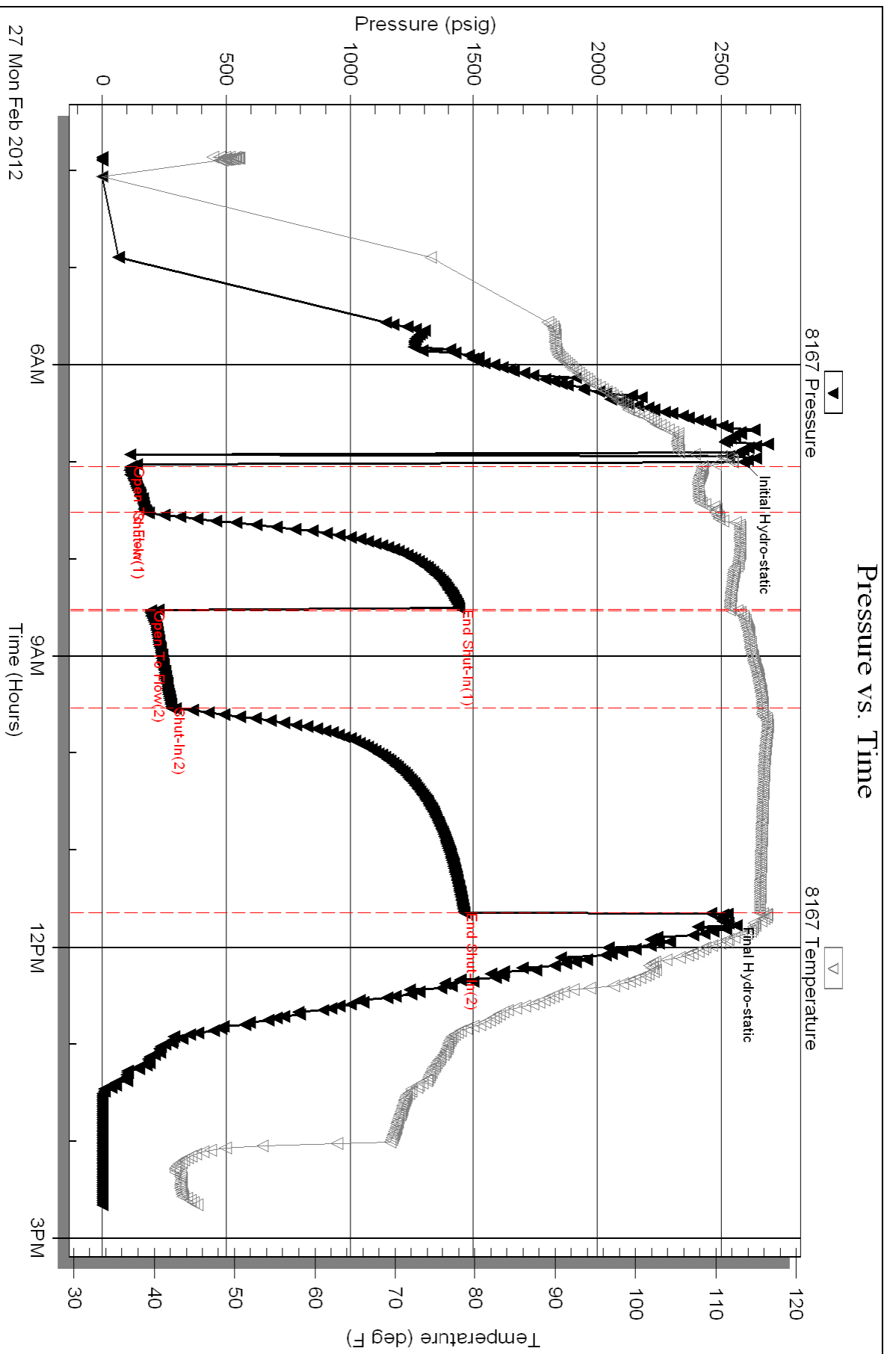
Num Gas Bombs: 1

Serial #: gp-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Rw .13ohms @56deg

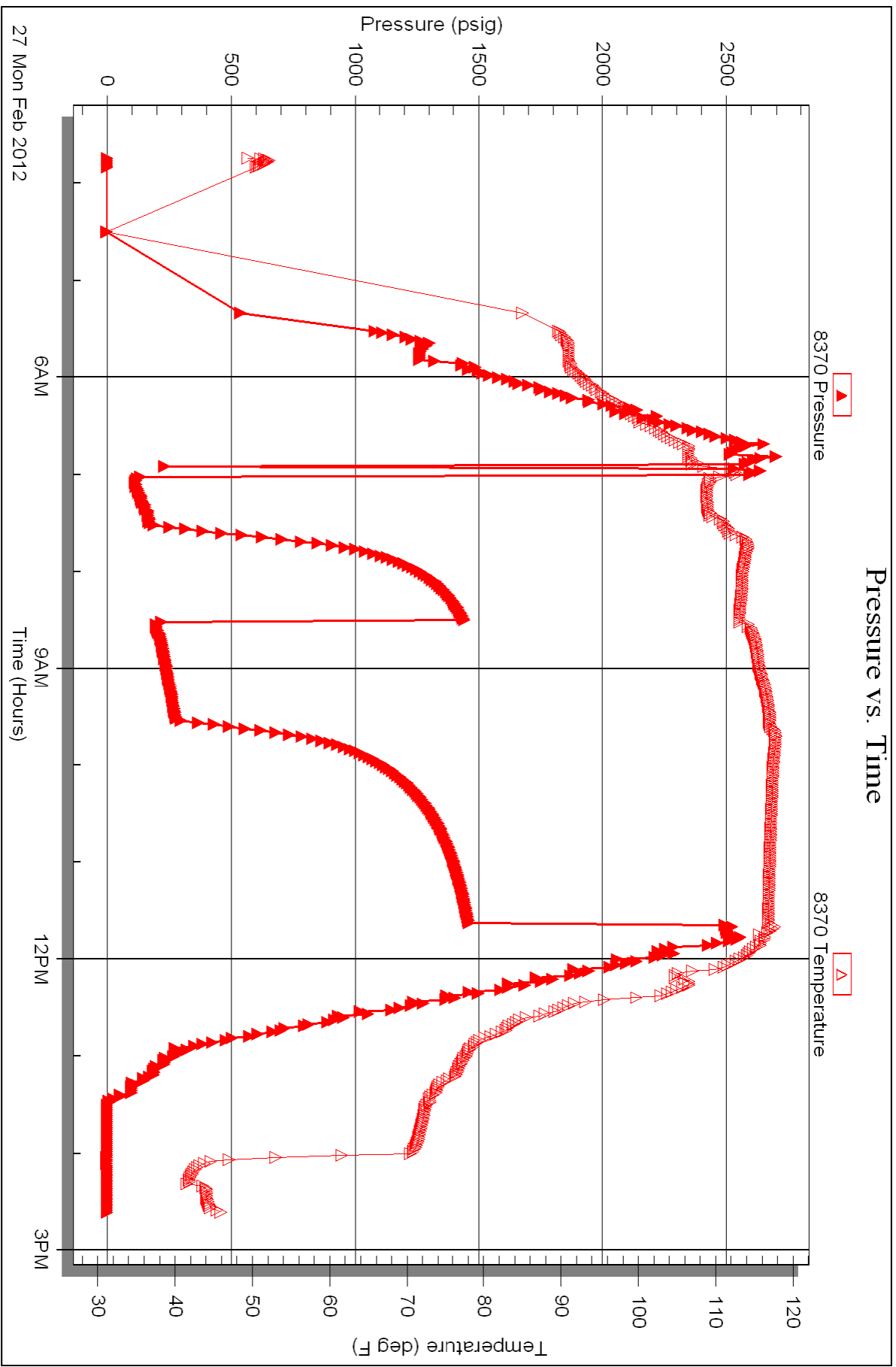


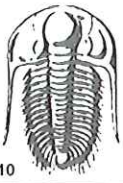
Serial #: 8370

Outside Vincent Oil Corp.

McCarthy #3-36

DST Test Number: 2





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 02 2012  
BY: \_\_\_\_\_

## Test Ticket

NO. 45745

Well Name & No. McCARTY # 3-36 Test No. 1 Date 2-26-12  
 Company VINCENT OIL CORP. Elevation 2517 KB 2505 GL  
 Address ISSN, MARKET, STE. 700, WICHITA Ks. 67202  
 Co. Rep / Geo. KEN LEBLANC Rig Duke DRIG #1  
 Location: Sec. 36 Twp. 28 S Rge. 23 W Co. FORD State Ks.

Interval Tested 5186 - 5224' Zone Tested MISS.  
 Anchor Length 38' Drill Pipe Run 5181' Mud Wt. 9.3  
 Top Packer Depth 5181' Drill Collars Run 0 Vis 53  
 Bottom Packer Depth 5186' Wt. Pipe Run 0 WL 8.4cc  
 Total Depth 5224' Chlorides 7100 ppm System LCM 2<sup>nd</sup>  
 Blow Description IF: Weak blow. 3/4" IST: No blow.

FF: 1/2 - 3/4" FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Gas in pipe</u>				
<u>12</u>	<u>Dry Mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 12 BHT 113° Gravity N/A API RW N.C. @ ° F Chlorides 7100 ppm  
 (A) Initial Hydrostatic 2631  Test 1325 T-On Location 1128  
 (B) First Initial Flow 19  Jars \_\_\_\_\_ T-Started 1211  
 (C) First Final Flow 20  Safety Joint 75 T-Open 1436  
 (D) Initial Shut-In 63  Circ Sub \_\_\_\_\_ T-Pulled 1637  
 (E) Second Initial Flow 18  Hourly Standby \_\_\_\_\_ T-Out 1837  
 (F) Second Final Flow 21  Mileage 1324 184 80 Comments \_\_\_\_\_  
 (G) Final Shut-In 53  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2575  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 30  Day Standby \_\_\_\_\_ Total 1584 80  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 30 Sub Total 1584 80

Approved By Ken LeBlanc Our Representative Ray Wolinsky  
 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.





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 02 2012

## Test Ticket

NO. 45746

4/10

BY: \_\_\_\_\_

Well Name & No. McCARTY # 3-36 Test No. 2 Date 2-27-12  
 Company VINCENT OIL CORP. Elevation 2517 KB 2505 GL  
 Address 155 N. MARKET, STE. 700, WICHITA KS. 67202  
 Co. Rep / Geo. KEN LEBLANC Rig DUKE DRILL #1  
 Location: Sec. 36 Twp. 28 S Rge. 23 W Co. FOZD State KS.

Interval Tested 5185-5255' Zone Tested MISS. DOME  
 Anchor Length 70' Drill Pipe Run 5180' Mud Wt. 9.3  
 Top Packer Depth 5180' Drill Collars Run 0 Vis 63  
 Bottom Packer Depth 5185' Wt. Pipe Run 0 WL 8.8 cc  
 Total Depth 5255 Chlorides 7100 ppm System LCM 2#

Blow Description IF: Fair blow. Lost mud down backside. Picked up & re-set tool. Strong blow B.O.B. in 3 mins. FSI: Weak blow. 1-2".  
FF: Strong blow. B.O.B. in 1 min. CTS in 22 mins. (see gas flow report)  
FSI: Strong blow. B.O.B.

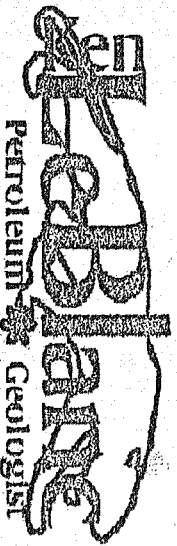
Rec	Feet of	%gas	%oil	%water	%mud
<u>105</u>	<u>Feet of GCM</u>	<u>24</u>		<u>76</u>	
<u>220</u>	<u>Feet of GCM</u>	<u>28</u>	<u>28</u>	<u>44</u>	
<u>225</u>	<u>Feet of GW&amp;MCO</u>	<u>33</u>	<u>37</u>	<u>10</u>	<u>20</u>
<u>62</u>	<u>Feet of SW wipers</u>				

Rec Total 612 Fluid BHT 115 Gravity N/A API RW 13 @ 56 °F Chlorides 74,000 ppm

(A) Initial Hydrostatic 2592  Test 1325- T-On Location 0330  
 (B) First Initial Flow 116  Jars \_\_\_\_\_ T-Started 0351  
 (C) First Final Flow 177  Safety Joint 75 T-Open 0702  
 (D) Initial Shut-In 1445  Circ Sub \_\_\_\_\_ T-Pulled 11:39  
 (E) Second Initial Flow 195  Hourly Standby? \_\_\_\_\_ T-Out 1439  
 (F) Second Final Flow 278  Mileage 322 x 2 369 <sup>60</sup> Comments \* WAS TOLD TO LEAVE TOOLS. PICKED UP TOOLS 12 HRS LATER. NO MORE TESTS  
 (G) Final Shut-In 1462  Sampler \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 (H) Final Hydrostatic 2524  Straddle \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 1769  
 Day Standby \_\_\_\_\_ Total 1769<sup>60</sup>  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1769<sup>60</sup>

Approved By Ken LeBlanc Our Representative Cory Poolman

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.



2349 North Stoneybrook Court  
Wichita, Kansas 67226-3604  
(316) 630-0195

## GEOLOGICAL REPORT

COMPANY VINCENT OIL CORP. (5004)

LEASE McCARTY 3-36

FIELD \_\_\_\_\_

LOCATION 2110 ENL & 1670 FWL

SECTION 36 TOWNSHIP 28 S RANGE 23 W

COUNTY FORD STATE KANSAS

CONTRACTOR DUKE DRILL RIG 1 (5929)

COMMENCED DRILLING FRIDAY 2-17-2012

COMPLETED DRILLING TUESDAY 2-28-2012

RTD 5580 FEET LTD 5584 FEET

MUD UP AT 3808 FEET MUD TYPE CHEMICAL

API: 15-057-20785

ELEVATIONS

KB 2517 FEET

DF 2515 FEET

GL 2505 FEET

MEASUREMENTS ARE ALL FROM: KB

CASING

8 5/8" AT 655'

4 1/2" AT 5471'

ELOG SUITES

CNCD/PE

D/L

Sonic

micolog

SAMPLES SAVED FROM 4260 FEET TO 5580 FEET

DRILLING TIME KEPT FROM 4200 FEET TO 5580 FEET

SAMPLES EXAMINED FROM 4260 FEET TO 5580 FEET

GEOLOGICAL SUPERVISION FROM 4615 FEET TO 5580 FEET

NOTES: MUD SYSTEM - MUD-CON, SURF CSG CMT - ALLIED

CMT6, GAS DETECTOR - MAC LOGGING / LEASING,

FUEL - BEST HORN OIL, WATER - WELL, DSTS -

TRUBO BITE TST6, LOGGING - SUPERIOR WLSVC.

CORES - NONE

### Remarks:

THE VOC McCARTY 3-36 WA  
IS AN RTD OF 5580 SOME 100  
WITHIN THE MISS. UNC. TWO DS  
TAKEN OF WHICH THE SECOND DS  
WITH POTENTIAL COMMERCIAL RESU  
MISS. DOLOMITE WILL BE EVALUA  
4 1/2" CASING. NO OTHER SAMPLE SH  
GAS INCREASES OF GEOLOGIC SIGNIF  
WERE EVIDENCED.

Ken LeBlanc

### Daily Penetration

Date	Depth
2-16-12	MIET, RIG UP
2-17-12	FINISH RIG UP
	SPUD 6:15 PM
	2-17-12
2-18-12	657 SET 8 5/8" AT 655'
2-19-12	DRILL 1050'
2-20-12	DRILL 1989'
2-21-12	DRILL 2720'
2-22-12	DRILL 3315'
2-23-12	DRILL 3815'
2-24-12	DRILL 4440'
2-25-12	DRILL 4924'
2-26-12	DRILL 5218'
2-27-12	DST 1, DST 2 5255 - DST 2
2-28-12	DRILL 5425'
	RTD 5580 AT
	445 PM TUES
	2:28-12 CFS 90'
	DOP SURVEY
	SUPERIOR WLS
	LOGGING 9:30 PM
2-29-12	5:30 - FINISH
	LOGGING, RUN
	4 1/2" PROD. CSG

### Bit Record

Number	Size	Make	Type	Depth
1	1 1/2"	VADEL	RR	65'
2	7 7/8"	VADEL	HELD	522'
3	7 7/8"	VADEL	HELD	558'
TOTAL BIT HOURS -				

AVG. PENETRATION RATE: 36.7'

### GENERAL INFO

RAN 15 JTS 23" - SURF CAS  
655', CMTD W/200SG 6  
gel, 3 1/2 cc + 1/4 W/GX FLO-S  
CLASS A COMMON (2% gel  
AT 10: 30 AM, CMT DID C  
CMT6  
RIG MAKE: TOEBO HYDRAVIA  
POWER: CAT 3406  
DIP: 4 1/2" XH, WTL 1.6" / FT  
DC: 16 - LENGTH 504.85', O  
PUMP, TOECOMM 70, LINERS C  
POWER: 285-9675  
RIG POWER: DETROIT DIESEL  
TOOL PUSHER: MIKE 60







c-50

WT 9.1  
VIS 47  
LCM 0

LS WHITE - cream fn AND  
MED OOLITIC, CHALKY SOME  
W/ EMBEDDED CLEAR CALCIC  
INCLUSIONS

4300

shales dk gray-blk

SHALES BLK carb.

LS cream fn xun

N.S.

LS cream AND tan fn  
AND MED OOLITIC

HEEGNER

50

LS tan fn xun dn

shales black

LS tan fn xun dn

shales gray, gray-green

(TORONTO)

N.S.

LS cream AND tan fn xun  
dn w/ ASSOC. CHALKY LS  
THRU-OUT, A10% + Lt gray  
FRESH, SUBOP.

shales gray  
LS tan - BRN fn xun dn

WT 9.1  
VIS 48  
LCM 0

4400

shales gray - green

LS BROWN fn xun dn

shales gray, gray-green

LS tan-brown fn xun dn

150u

25u 50u 75u 100u 125u

4440 - WT 9.1 VIS 48  
LCM 0

Friday  
222-12  
4540  
50

SCATTERED chalky LS

222-12-12  
4540  
150u

shales green, gray-green

shales green, gray-green

BRN LS

LS brown fr xun dn  
shales gray

LANSING

4500

LS cream - Lt gray fr  
AND MED OOLITIC, CLASTS

(LS6A)

N.S.

LS cream fr AND MED  
OOLITIC

shales gray  
LS tan fr xun dn

shales gray

(LS6B)

50

N.S.

LS cream - tan fr xun dn  
EQUALLY CHALKY - weath,  
occ. FOSSIL frags some  
fresh.

shales dk gray

WT 93  
V.S. LS  
L.M.I

N.S.

LS cream and tan fr xun  
dn grades to chalky and  
weathered

5"

10"

4600

LS BRN - dk BRN fr xun  
dn, LESSER WEATHERED AND  
CHALKY, SPARSE A BRN  
fresh, subop.  
SHALES GRAY

25u 50u 75u 100u 125u

GEOLOGIST ON LOCATION  
AT 4615 FEET

WT 381  
RPM 75  
SP 950  
SPM 54

N.S.

LS tan-brown v fr to fr  
oolitic, SCORR & MILKY to  
LT GRAY fresh, opaque.  
AND subopaque

50

N.S.

LS tan fr and some med  
xun, CHALKY to subop.  
SPARSE A white, opaque,  
fresh



WT 9.0  
VIS 47  
LCM 0  
JET 3  
ADD 100 GSI

LS cream vfn oolitic  
AND FOSSILIF, INCLUDED  
w/ fn med organics some  
weathered and leached

4700

shales gray, gray-green

shales gray-green, gray

LS BRN AND DLBRN  
fn xln dn  
shales gray, dk gray

N.S.

LS cream vfn oolitic AND  
xln & FOSSILIF, INCLUDED  
w/ fn med organics,  
weathered in pt.

WT 9.4  
VIS 49  
LCM 0

50

LS tan-brown fn xln dn  
Δ 10%+ milky to Lt gray  
Fresh, subopaque,

N.S.

LS tan-brown fn xln dn

LS tan-brown fn xln dn

shales gray, gray-green

LS cream - tan fn AND  
med oolitic, grainy in  
part, FOSSILIF in part

4800

WT 9.4  
VIS 46  
LCM 1

N.S.

LS tan fn AND med xln  
to suboolitic

LS tan AND Lt gray fn  
AND med xln to fn COL.

LS tan-brown fn xln

STARK SHALE

50

shales black

shales dk gray, gray

(SWOPE)

N.S.

LS tan-brown fn xln dn  
Lesser LS tan fn AND  
med oolitic, dk gray  
oolitic

150w

PROBLEMS WITH GAS  
DETECTOR - Replace  
Recorder - operation  
AT 4773 FT

HW

25w 50w 75w 100w 125w

HW

SHALE GAS

SHALE GAS RECYCLE

HUSH SHALE

shales gray - blk

SHALE GAS

(HERTHA)

4900

LS cream med xun - subool  
EQUO] LS TAN - BRN fn  
xun ON, RARE D gray - tan  
fresh, subopaque.

WT 9.4  
VIS 5b  
LCM 4

7 AM SAT  
2-25-12

LS tan-brown fn and  
med xun - oolitic, ringed  
and elongated oolios,  
SPARSE A

- B/KC

DR LG  
4940

LS tan-brown fn xun on  
shales gray, dk gray

50

LS tan-brown fn xun on

MARMATON

shales gray

WOB 33K  
RPM 15  
PP 900  
SPM 54

LS cream and tan fn xun  
dn grades to choky LS  
LESSER LS DK BROWN  
med xun to subool. scatt  
LS w/ fossil impressions  
RARE & milky tolt gray  
fresh, subop., sharp

10"

5000

shales gray, dk gray  
LS DK BRN med oolitic,  
dn w/ dk gray oolios,  
Ringed in pt Equal LS  
BRN fn xun ON Lesser  
CHALKY LS

WT 9.4  
VIS 54  
LCM 2

LS cream and tan brown  
fn xun ON LESSER CHALKY  
LS

(PAWNEE LS)

N.S.

50

shales gray

LS tan fn and some med  
xun - suboolitic EQUO]  
fn xun dn, scatt CHALKY LS  
ASSOC. Δ milky tolt gray  
fresh, subop., sharp

CFS  
60"

shales blk

CHEROKEE SHALE

LS cream and tan fn xun dn  
few subool. grades to  
weathered, RARE A

5100

shales BLACK

LS cream and tan fn xun  
dn grades to weathered

150w

HW

4940 - WT 9.4 VIS 50  
WL 83 CHL 100w  
LCM 2

25w 50w 75w 100w 125w

HW

SHORT TRIP 30  
STANDS AT 5060 FT  
CYCH 60"  
Change over Recorder

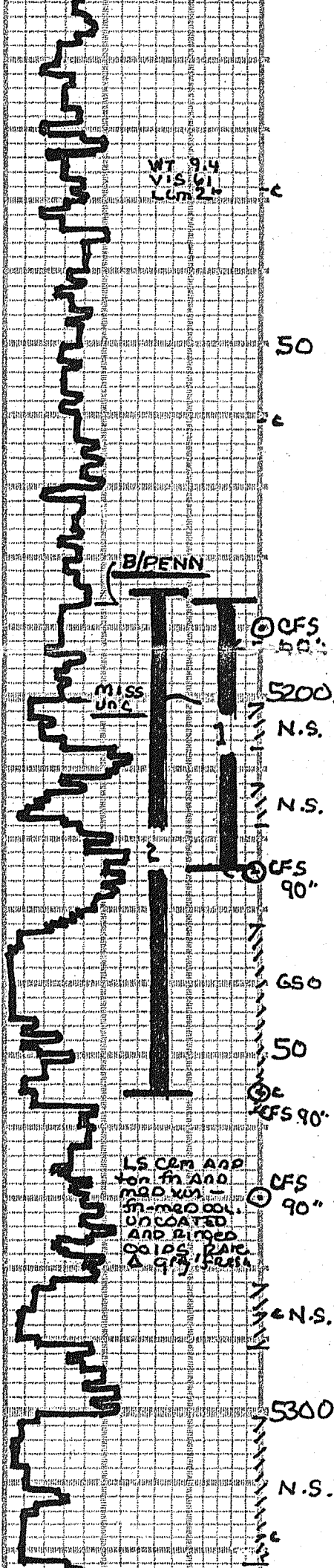
SHALE GAS

HW

SHALE GAS

150w





LESSER LS CRM FN OOL.  
AND SUBOOL, RARE MILKY  
AND LT GRAY FRESH, SUBP.  
SOME SPICULAR AND Y.SLOW

SHALES GRAY  
LS tan - brown fn xun dn  
w/ BLK SHALE STRCKS

LS tan - brown fn xun dn  
SHALES BLK AND DK GRAY

LS cream and ton fn  
xun dn, small amt's chalky

LS cream fn xun dn  
EQUOTLY WEATHERED TO  
CHALKY

LS cream and ton fn AND  
SOME FN-MED OOL. AND  
CHALKY, NO SHOWS

SHALES GRAY DK GRAY;  
VARI COLORED (GRAY-GREEN,  
DK GREEN W/ LT GRAY AND MASTIC)

Δ orange to yellow, tan  
ANGRY, FRESH, SUBP. TO  
TRANSLUCENT, FRACTURED  
IN PART. NO SHOWS

LS cream and ton fn xun  
dn

FAIR GASSY OOL, DOBI.  
CREAM AND TON FN SUCROSI  
TO XUN BECOMING FN-MED  
OOLITIC, FAIR AND GOOD SHOWS  
CLEAR AND TON LIVE OIL,  
LESSER GAS BLEEDING ON BREAK  
FROM FN INTERST (SUCROSI)  
AND WELL DEV. VUGGY & (OOLITIC)  
LESSER OOLITIC, SCATT.  
FOSSIL IMPRESSIONS AND FOSSIL LEAST  
S. BRIGHT SPOTD AND SOME  
QUEN FIBER WET; DRY, TON  
TO BEN SPOTD AND HVY SPOTD  
STAIN, RARE PCS. W/EVEN

SATURATION, FAST CUT LESSER  
LS ton - CRM; LT GRAY FN ASP  
MED OOLITIC, GRAINY MATRIX  
UNCOATED TON OOLDS WEATH.  
ASSOC Δ GRAY - LT GRAY, SOME  
YELLOW TINTED, SUBP AND  
OPAQUE IN BOSC

DOLOMITE TON FN XUN  
DN, SOME SUCROSI,  
ASSOC Δ GRAY - TON, FRESH,  
OPAQUE, FOSSIL F. SOME  
TENTH. NO SHOWS

SHALE GAS

X DRILL W/ PLUGGED  
BIT 5060' to  
5224'

HW

HW

GAS INC. HW 16w  
NO RECYCLE

25w 50w 75w 100w 125w

HW PIPE STAMP AT 5224'  
7.53" LONG TO 8000"  
SHT AT 5224' - 10'

7 AM SUN 2-26-12. DRILL 5218

NEW BIT 5224 VARELIER 9

\* POWER CORD TO EXTRACTOR  
SAVED - REPAIRED AT THE  
CFS 404 SAMPLE

GAS INC.  
RECYCLE HW - 115w

7 AM MON  
2-27-12  
5255 - DST 2

TRIP GAS

1500

B/PENN

MISS UNC

CFS 50'

5200

N.S.

N.S.

CFS 90'

650

50

CFS 90'

CFS 90'

LS CRM AND  
TON FN AND  
MED XUN -  
FN-MED OOL.  
UNCOATED  
AND BIRDS  
OOLDS, RARE  
Δ GRAY FESSA

N.S.

5300

N.S.

WT 9.3  
VIS 67  
LCM 1

50  
N.S.

LS cream and tan fn and  
med oolitic, some w/clear  
CALCITE OOLIOS, SANDY,  
ASSOC. Chalk

WT 9.3  
VIS 57  
LCM 2

5400  
N.S.

dolomite tan-brown  
vfn xun to fn sucrosic  
RARE A MILKY to LT gray  
fresh, subop.

LS cream to tan fn and  
med oolitic, RINGED GRABES  
to chalky LS, A LT gray, qry  
fresh subop. oolitic and  
opaque

dolomite tan fn sucrosic

7098 TUS  
2-23-12  
DRLG  
SWS

50  
N.S.

LS cream and white  
fn and med suboolitic  
and mostly CHALKY  
LESSER LS TAN med ool.  
(cream oolios in d matrix)  
scatt in lensol.

dolomite tan fn sucrosic  
some LACED w/A gray  
fresh oolitic, mixed  
w/LS cream. white med  
subool. - CHALKY

dolomite LT gray and  
qry - tan med and med  
to some coarse xun,  
suboolitic in part  
scatt LS chalky, RARE A

5500

dolomite tan and LT  
gray fn xun dn lesser  
sucrosic to fn-med  
suboolitic, some CHALK  
LACED, RARE A MILKY to  
LT gray, fresh, subop.

WT 8.4  
VIS 52  
LCM 2

dolomite gray and tan  
fn xun dn lesser med  
oolitic, ASSOC. LS CRM.  
tan fn and med oolitic  
RINGED GRABES to chalky  
LS, CHALK 5%+,  
SCATT COARSE MILKY  
CALCITE

HW

25u 50u 75u 100u 125u

HW

5458 WT 9.5, VIS 55  
WL 3.3 CHL 9500  
LCM 2.1

150u

HW





(electronic recorders)

IHYD: 2631 psig  
IFP: 19-20 psig  
IBHP: 63 psig  
FFP: 18-21 psig  
FBHP: 53 psig  
FHYD: 2575 psig

TEMP: 113 degrees F

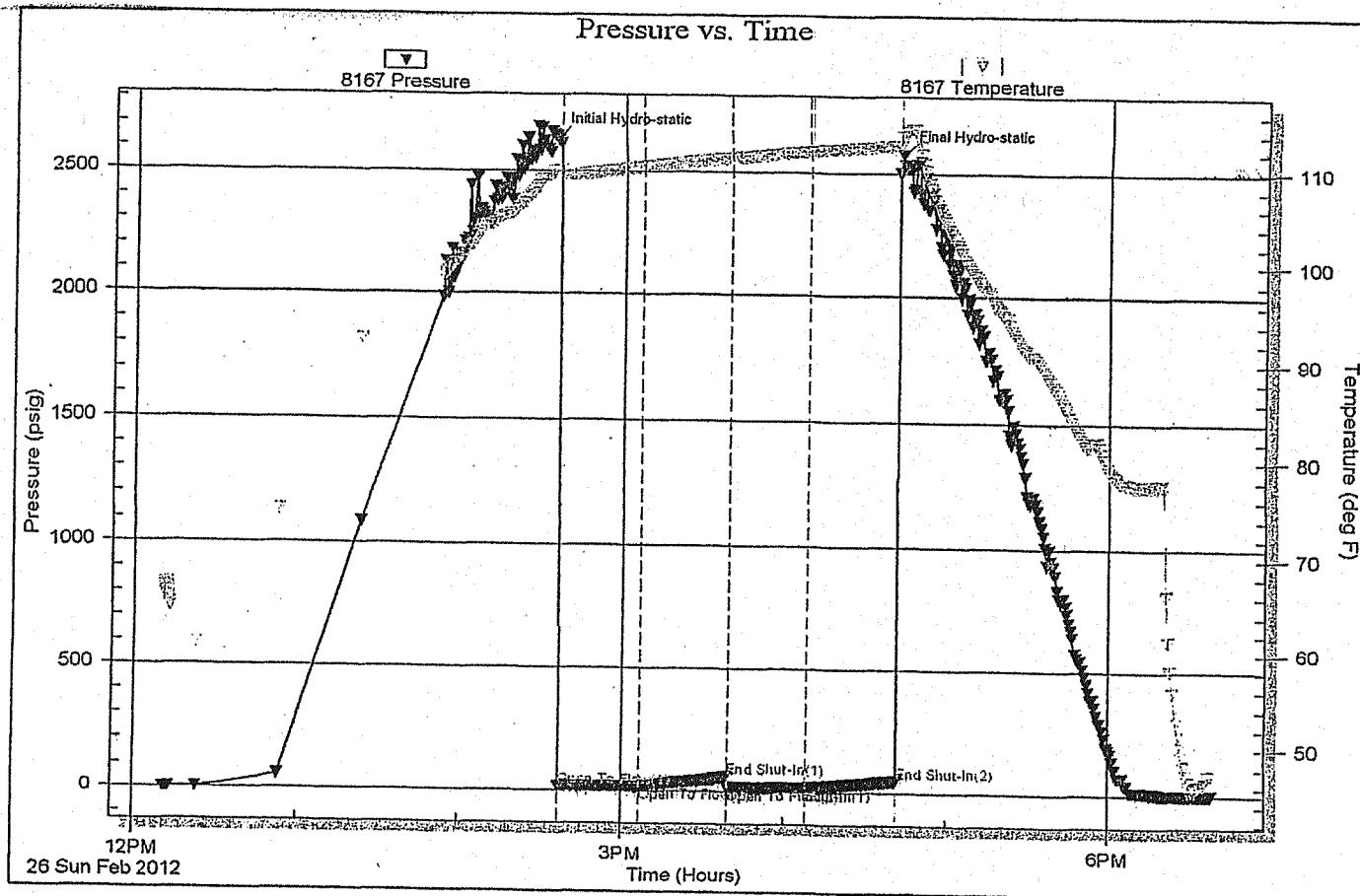
Tester: Gary Pevoteaux: Trilobite Testing, LLC, Pratt Kansas District  
NOTE: Conventional DST (dual packers, safety joint, electronic recorders)  
NO Jars  
NO bottom sampler

Serial #: 8167

Inside Vincent Oil Corp.

McCarty#3-36

DST Test Number: 1



DST 1 - CHART

Trilobite Testing, Inc

Ref. No: 45745

Printed: 2012.02.26 @ 18:44:03

DST 2) 5185 - 5255  
(Mississippian Dolomite)  
Times: 30-60-60-120

1st open: fair blow - LOST MUD DOWN BACKSIDE - Pulled up reset test tool  
strong blow OBOB in 3 minutes - NO Gas to Surface  
(weak blowback 2" in bucket)

2nd open: strong blow OBOB in 1 minute, GTS/22"

time	orifice	PSIG	volume
++**30"	1/4 inch	2.0	26.02 MCF/GPD
40"	1/4 inch	2.0	

40 1/4 inch 2.0 26.02 MCFGPD  
 50" 1/4 inch 1.5 25.22 MCFGPD  
 60 1/4 inch 1.5 25.22 MCFGPD  
 (bleed off to 2 inch for 5" - strong blowback OBOB)

++ - gas sample taken, delivered to Caraway Analytical Lab in Liberal, Kansas for analysis

\*\* - burned gas at bubble bucket - burned orange with light blue undertone

Rec: 105' Gas Cut Mud  
 (24% gas, 76% mud)

220' Gassy Oil Cut Mud  
 (28% gas, 28% oil, 44% mud)

225' Gassy Watery Mud Cut Oil  
 (33% gas, 37% oil, 10% water, 20% mud)

62' Saltwater with specks oil  
 (100% water)

612' Total Fluid - ALL IN DRILL PIPE

chlorides of mud system: 7,100 ppm  
 chlorides of formation water: 74,000 ppm

Trilobite TSTG - resistivity of formation water: 0.13 ohms at 65 deg. F  
 Superior WL Svc. - resistivity of formation water: 0.10 at 67 deg. F

(Alpine Recorders)

IHYD: 2592 psig  
 IFP: 116-177 psig  
 IBHP: 1445 psig  
 FFP: 195-278 psig  
 FBHP: 1462 psig  
 FHYD: 2524 psig  
 TEMP: 115 degrees

Tester: Gary Pevoteaux: Trilobite Testing, LLC, Pratt Kansas District

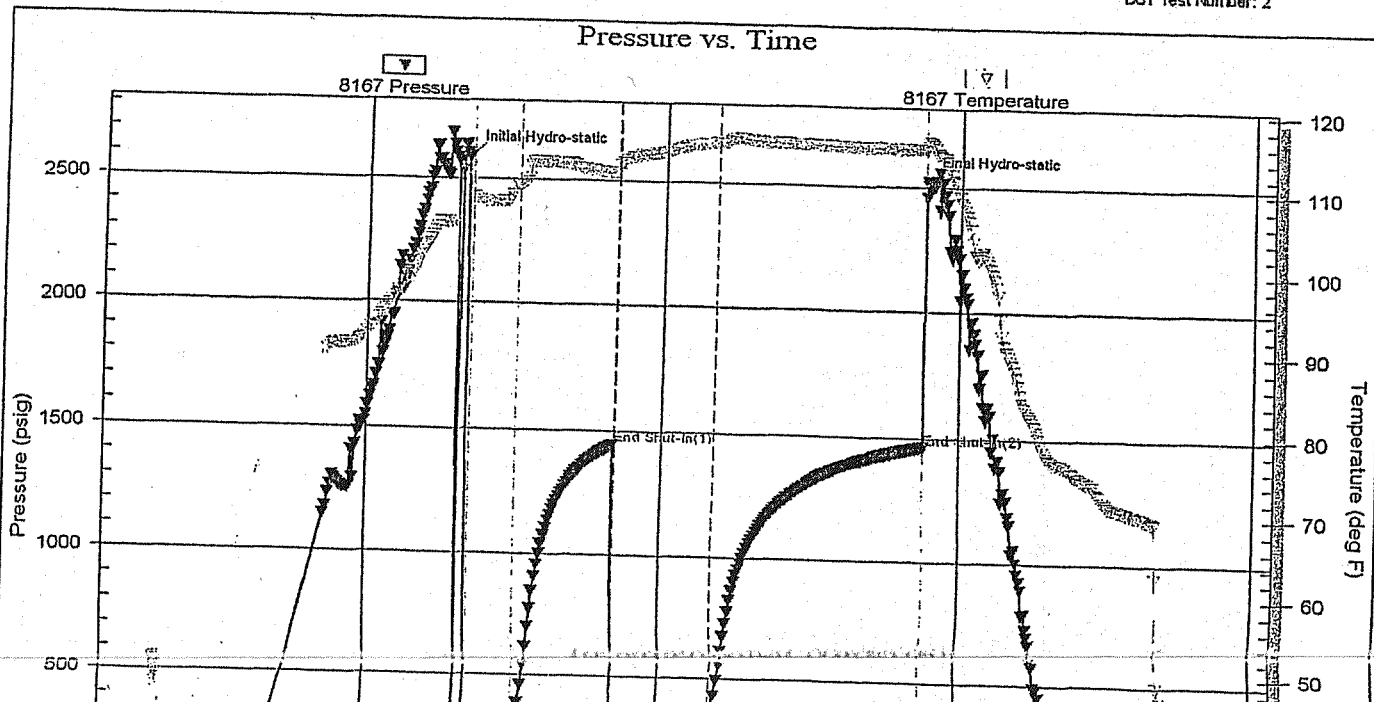
NOTE: Conventional DST (dual packers, safety joint, electronic recorders)  
 NO Jars, NO bottom sampler

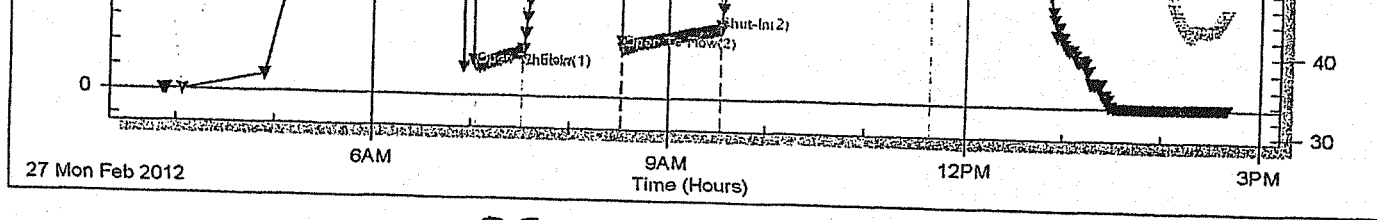
Serial #: 8167

Inside Vincent Oil Corp.

McCarty#3-36

DST Test Number: 2





## DST 2 - CHART

Trilobite Testing, Inc

Ref. No: 45746

Printed: 2012.02.27 @ 14:49:37

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 15, 2012

M.L. Korphage  
Vincent Oil Corporation  
155 N MARKET STE 700  
WICHITA, KS 67202-1821

Re: ACO1  
API 15-057-20785-00-00  
McCarty 3-36  
NW/4 Sec.36-28S-23W  
Ford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
M.L. Korphage