

ORIGINAL

11/09/11

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

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

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5004  
Name: Vincent Oil Corporation  
Address 1: 155 N. Market, Suite 700  
Address 2:  
City: Wichita State: KS Zip: 67202 +  
Contact Person: M.L. Korphage  
Phone: (316) 262-3573  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co. Inc.  
Wellsite Geologist: Jim Hall  
Purchaser: (SIGW)

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  
 Conv. to GSW  
 Plug Back: Plug Back Total Depth  
 Commingled Permit #:  
 Dual Completion Permit #:  
 SWD Permit #:  
 ENHR Permit #:  
 GSW Permit #:

7/14/2011 7/25/2011 10/1/2011  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 057-20735-00-00  
Spot Description: NW-SE-NE-NE  
-NW SE NE NE Sec. 20 Twp. 29 S. R. 22  East  West  
914 Feet from  North /  South Line of Section  
350 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ford  
Lease Name: Ellis Well #: 1-20  
Field Name: Kingsdown West

Producing Formation: Mississippian  
Elevation: Ground: 2468 Kelly Bushing: 2478  
Total Depth: 5450' Plug Back Total Depth: 5443'  
Amount of Surface Pipe Set and Cemented at: 604 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: 8800 ppm Fluid volume: 1000 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 #:  
Quarter Sec. Twp. S. R.  East  West  
County: CONFIDENTIAL RECEIVED Permit #:

NOV 10 2011 NOV 10 2011  
KCC KCC WICHITA

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.

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.

Signature: M.L. Korphage  
Title: Geologist Date: 11/9/2011

KCC Office Use ONLY  
 Letter of Confidentiality Received Date: 11/9/11 - 11/9/12  
 Confidential Release Date:  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: [Signature] Date: 11-16-11

Operator Name: Vincent Oil Corporation Lease Name: Ellis Well #: 1-20  
 Sec. 20 Twp. 29 S. R. 22  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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Neutron-Density, Micro-log, &amp; Sonic log</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Heebner Shale</td> <td>4368</td> <td>(-1890)</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Brown Limestone</td> <td>4525</td> <td>(-2047)</td> </tr> <tr> <td>Lansing</td> <td>4539</td> <td>(-2061)</td> </tr> <tr> <td>Stark Shale</td> <td>4874</td> <td>(-2396)</td> </tr> <tr> <td>Pawnee</td> <td>5076</td> <td>(-2598)</td> </tr> <tr> <td>Cherokee Shale</td> <td>5124</td> <td>(-2646)</td> </tr> <tr> <td>Base Penn Limestone</td> <td>5219</td> <td>(-2741)</td> </tr> <tr> <td>Mississippian</td> <td>5245</td> <td>(-2767)</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Heebner Shale	4368	(-1890)	Name	Top	Datum	Brown Limestone	4525	(-2047)	Lansing	4539	(-2061)	Stark Shale	4874	(-2396)	Pawnee	5076	(-2598)	Cherokee Shale	5124	(-2646)	Base Penn Limestone	5219	(-2741)	Mississippian	5245	(-2767)
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Base Penn Limestone	5219	(-2741)																													
Mississippian	5245	(-2767)																													

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#	604'	65 / 35 POZ	200 sx	6% Gel, 3% CC, & 1/4# flo-seal/sx
" "					Common	100 sx	2% Gel, 3% CC, & 1/4# flo-seal/sx
Production Casing	7 7/8"	4.5"	11.6#	5443'	ASC	175 sx	5# Kol-seal/sx

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				

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	Perforated 5241' to 5244' & 5253' to 5262 w/ 4 SPF; ran tubing; SDFN;	treated perms w/ 1000 Gal 15% MCA, final rate 2 bpm at 820#;	
	swabbed and flowed tested for 9 hrs final hr rate 3 bbl water w/ trace oil,	fluid at 4850', SDFN; SICP 1000#, SITP 140#, 2641' of fluid in	
	casing, started to swab well kick off and flowed, in 2nd hr- swabbed &	flowed 3.77 bbls water w/ tr oil and fair blow of gas, fluid	
	3700' from surface CP@ 340#, ran DHP & rods, set PU and swab tank,	tested well, test rate at 34 MCFG/D w/32 BWPD & trace oil,	
	CP at 120#, SIGW waiting on gas line.		

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>~5287'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <b>SIGW</b>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <b>34 MCFG</b>	Water Bbls. <b>32 BWPD</b>
	Gas Mcf	Gas-Oil Ratio
		Gravity

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 <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Mississippian 5241' to 5262' OA</u>
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# QUALITY WELL SERVICE, INC.

5227

Federal Tax

Home Office 190th US 56 HWY, Ellinwood, KS 67526

Todd's Cell 620-388-5422  
Darin's Cell 785-445-2686

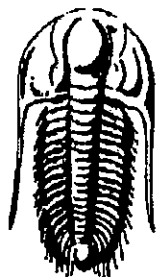
Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish		
7-14-11	22	29	22	FORD	Ks		12:00		
Lease	Elles		Well No.	1-22				Location	Kingsman K. 15.1E Smb
Contractor	Vol Oelg			Owner				To Quality Well Service, Inc.	
Type Job	Suptae			You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size	12 1/4		T.D.	600					
Csg.	35/3 23"		Depth	615					
Tbg. Size			Depth	Charge To				VINCENT OIL	
Tool			Depth	Street					
Cement Left in Csg.			Shoe Joint	42.35				City	State
Meas Line			Displace	36.6 gals				The above was done to satisfaction and supervision of owner agent or contractor.	
EQUIPMENT				Cement Amount Ordered				220x 15/35 1 1/2 GEL 3% CC	
Pumptrk	No.	TOD		1/4" CF. 1025x Common 2% GEL 3% CC 1/4" CF.					
Bulktrk	No.	DEESE		Common					
Bulktrk	No.	BEADY		Poz. Mix					
Pickup	No.	DOUG		Gel.					
JOB SERVICES & REMARKS				Calcium					
Rat Hole				Hulls					
Mouse Hole				Salt					
Centralizers				Flowseal					
Baskets				Kol-Seal					
D/V or Port Collar				Mud CLR 48					
Rm 14 4 1/2 23' Csg				CFL-117 or CD110 CAF 38					
MIX: Pump 220x 65/35 Poz				Sand					
1 1/2 GEL 3% CC 1/4" CF.				Handling					
13.3"/gal 1.61 ft <sup>3</sup>				Mileage				40	
MIX: Pump 1025x Common				Guide Shoe					
2% GEL 3% CC 1/4" CF.				Centralizer					
15"/gal 1.36 ft <sup>3</sup>				Baskets					
SUITS DOWN Release Plug				AFU Inserts					
				Float Shoe					
				Latch Down					
				1 Baffle Plate					
				1 Wooden Plug					
				Pumptrk Charge				Suctions	
				Mileage				40	
Signature				CONFIDENTIAL				Tax	
				NOV 10 2011				Discount	
				KCC WICHITA				Total Charge	

Handwritten notes at the bottom of the page.

KCC





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corporation**

155 N Market Ste 700  
Wichita, KS 67202

ATTN: Jim Hall

**20-29s-22w Ford,KS**

**Ellis #1-20**

Start Date: 2011.07.22 @ 11:45:24

End Date: 2011.07.22 @ 22:17:54

Job Ticket #: 43931                      DST #: 1

RECEIVED

NOV 10 2011

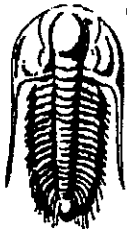
KCC WICHITA

CONFIDENTIAL

NOV 10 2012

KCC

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 Corporation

Ellis #1-20

155 N Market Ste 700  
Wichita, KS 67202

20-29s-22w Ford, KS

ATTN: Jim Hall

Job Ticket: 43931

DST#: 1

Test Start: 2011.07.22 @ 11:45:24

### GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 14:55:09

Time Test Ended: 22:17:54

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: 5118.00 ft (KB) To 5272.00 ft (KB) (TVD)

Total Depth: 5272.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2478.00 ft (KB)

2468.00 ft (CF)

KB to GR/CF: 10.00 ft

### Serial #: 6798

Inside

Press@RunDepth: 130.13 psig @ 5119.00 ft (KB)

Start Date: 2011.07.22

End Date:

2011.07.22

Start Time: 11:45:25

End Time:

22:17:54

Capacity: 8000.00 psig

Last Calib.: 2011.07.22

Time On Btm 2011.07.22 @ 14:49:09

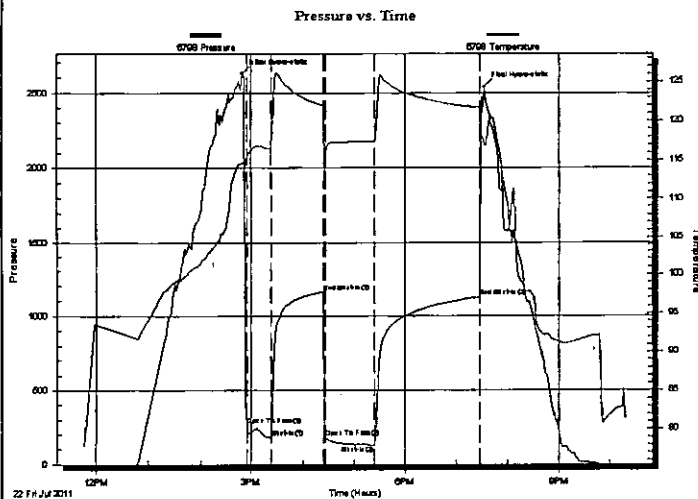
Time Off Btm 2011.07.22 @ 19:32:54

TEST COMMENT: IF: Strong Blow, BOB in 1 minute, GTS in 10 minutes, Gauged Gas & Caught Sample

IS: Bled Off, No Blow back

FF: Strong Blow, BOB & GTS Immediate

FS: Bled Off, No Blow back



### PRESSURE SUMMARY

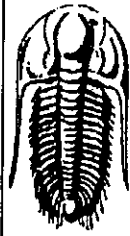
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2629.86	114.49	Initial Hydro-static
6	262.50	115.48	Open To Flow (1)
34	179.50	116.47	Shut-In(1)
95	1160.20	121.87	End Shut-In(1)
98	178.18	116.00	Open To Flow (2)
155	130.13	117.36	Shut-In(2)
279	1121.56	121.63	End Shut-In(2)
284	2540.33	116.97	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	4918 GIP	0.00
178.00	Mud	2.50

### Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	90.00	704.25
Last Gas Rate	0.50	19.00	225.31
Max. Gas Rate	0.50	90.00	704.25



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Vincent Oil Corporation

**Ellis #1-20**

155 N Market Ste 700  
Wichita, KS 67202

**20-29s-22w Ford, KS**

Job Ticket: 43931

**DST#: 1**

ATTN: Jim Hall

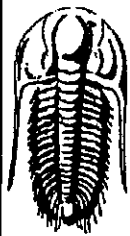
Test Start: 2011.07.22 @ 11:45:24

**Tool Information**

Drill Pipe:	Length: 5096.00 ft	Diameter: 3.80 inches	Volume: 71.48 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 71.48 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5118.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	154.00 ft			
Tool Length:	181.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5096.00	
Hydraulic tool	5.00			5101.00	
Jars	5.00			5106.00	
Safety Joint	2.00			5108.00	
Packer	5.00			5113.00	27.00 Bottom Of Top Packer
Packer	5.00			5118.00	
Stubb	1.00			5119.00	
Recorder	0.00	6798	Inside	5119.00	
Recorder	0.00	8367	Outside	5119.00	
Perforations	6.00			5125.00	
Change Over Sub	1.00			5126.00	
Drill Pipe	127.00			5253.00	
Change Over Sub	1.00			5254.00	
Perforations	15.00			5269.00	
Bullnose	3.00			5272.00	154.00 Bottom Packers & Anchor

**Total Tool Length: 181.00**



**TRILOBITE  
TESTING, INC**

### DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corporation  
155 N Market Ste 700  
Wichita, KS 67202  
ATTN: Jim Hall

**Ellis #1-20**  
**20-29s-22w Ford,KS**  
Job Ticket: 43931      **DST#: 1**  
Test Start: 2011.07.22 @ 11:45:24

#### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.18 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8200.00 ppm			
Filter Cake: 0.20 inches			

#### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4918 GIP	0.000
178.00	Mud	2.497

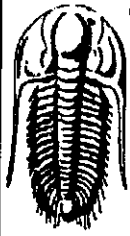
Total Length: 178.00 ft      Total Volume: 2.497 bbl

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 Corporation

**Ellis #1-20**

155 N Market Ste 700  
Wichita, KS 67202

**20-29s-22w Ford,KS**

Job Ticket: 43931

**DST#: 1**

ATTN: Jim Hall

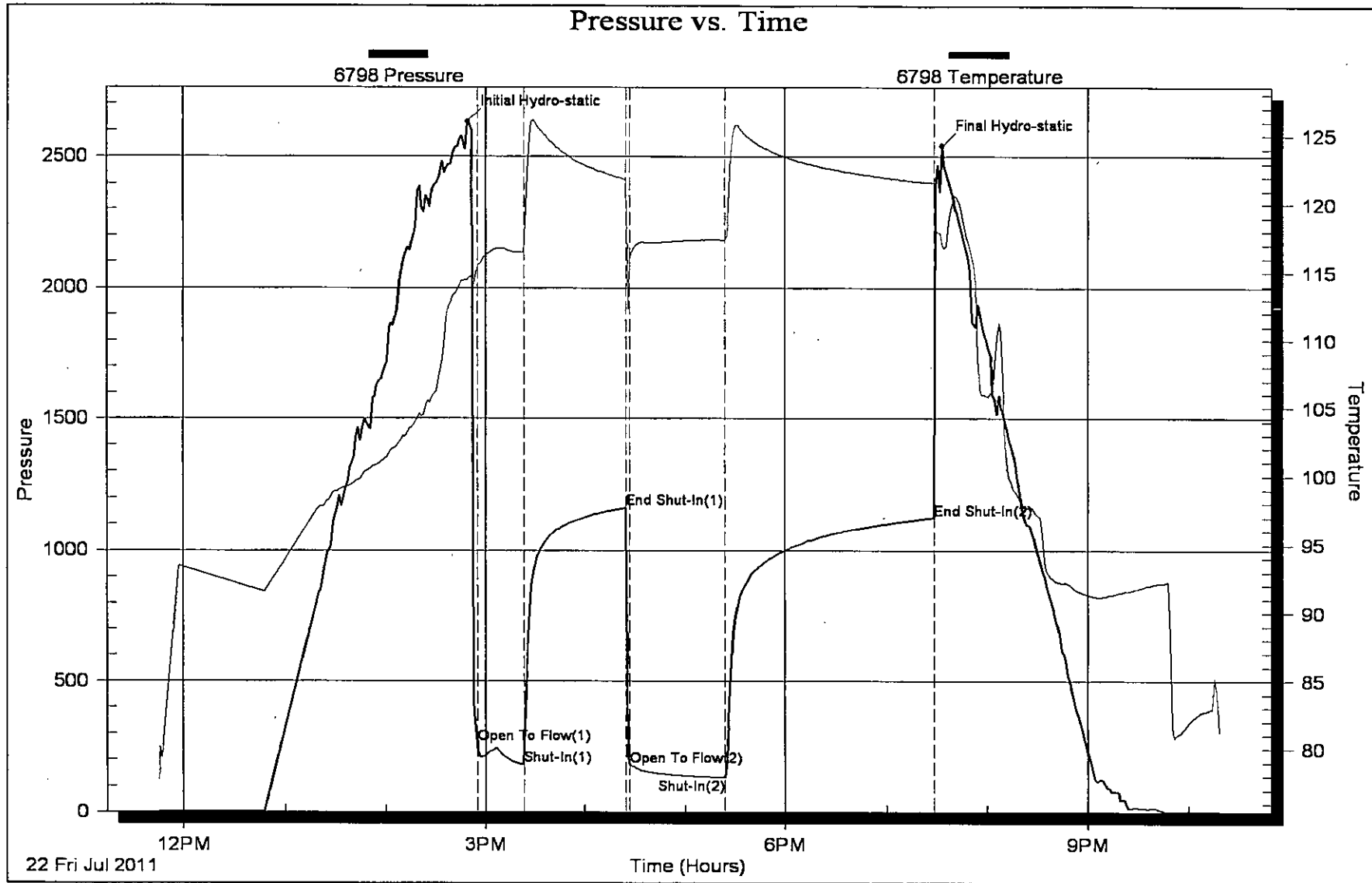
Test Start: 2011.07.22 @ 11:45:24

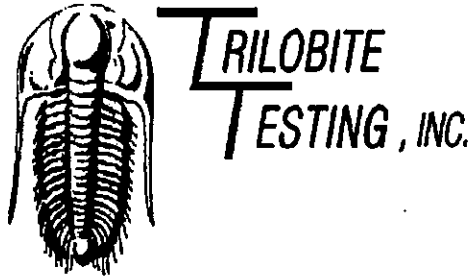
## Gas Rates Information

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	15	0.50	90.00	704.25
1	15	0.50	90.00	704.25
1	20	0.50	64.00	528.86
1	30	0.50	44.00	393.95
2	10	0.50	25.00	265.78
2	20	0.50	22.00	245.54
2	30	0.50	19.00	225.31
2	40	0.50	19.00	225.31
2	50	0.50	19.00	225.31





## DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corporation**

155 N Market Ste 700  
Wichita, KS 67202

ATTN: Jim Hall

**20-29s-22w Ford,KS**

**Ellis #1-20**

Start Date: 2011.07.23 @ 07:14:39

End Date: 2011.07.23 @ 16:45:54

Job Ticket #: 43932                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Vincent Oil Corporation

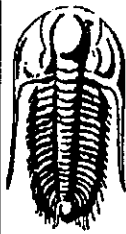
Ellis #1-20

20-29s-22w Ford,KS

DST # 2

Mississippi

2011.07.23



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Vincent Oil Corporation

Ellis #1-20

155 N Market Ste 700  
Wichita, KS 67202

20-29s-22w Ford,KS

Job Ticket: 43932

DST#: 2

ATTN: Jim Hall

Test Start: 2011.07.23 @ 07:14:39

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 09:55:54

Time Test Ended: 16:45:54

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: **5273.00 ft (KB) To 5282.00 ft (KB) (TVD)**

Reference Elevations: 2478.00 ft (KB)

Total Depth: 5282.00 ft (KB) (TVD)

2468.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 6798**

Inside

Press@RunDepth: 156.03 psig @ 5274.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.23

End Date: 2011.07.23

Last Calib.: 2011.07.23

Start Time: 07:14:40

End Time: 16:45:54

Time On Btrm: 2011.07.23 @ 09:53:24

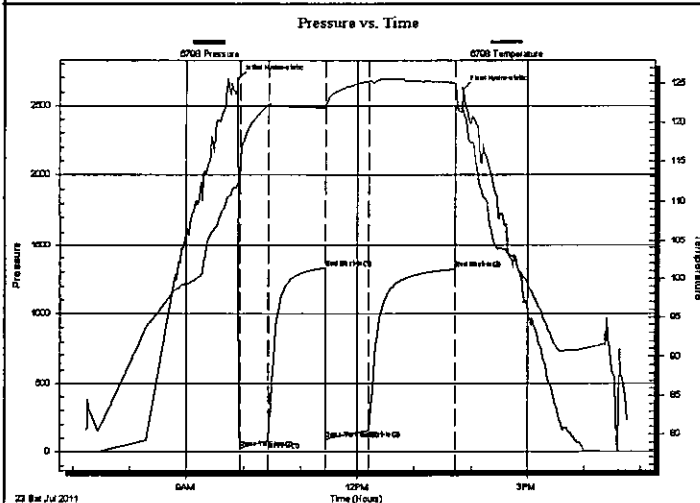
Time Off Btrm: 2011.07.23 @ 13:50:54

TEST COMMENT: IF: Strong Blow, BOB in 25 seconds

IS: Bled Off, No Blow back

FF: Fair Blow, BOB in 10 minutes

FS: Bled Off, No Blow back



## PRESSURE SUMMARY

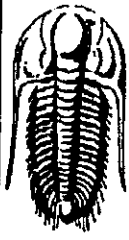
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2693.99	112.17	Initial Hydro-static
3	28.94	115.43	Open To Flow (1)
33	83.44	122.22	Shut-In(1)
93	1333.20	121.83	End Shut-In(1)
94	96.85	122.29	Open To Flow (2)
139	156.03	125.29	Shut-In(2)
230	1324.23	124.97	End Shut-In(2)
238	2619.21	121.65	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1798 GIP	0.00
268.00	Water	3.76
64.00	SOMCW 2%O 40%M 58%W	0.90
3.00	Clean Oil	0.04

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Vincent Oil Corporation

**Ellis #1-20**

155 N Market Ste 700  
Wchita, KS 67202

**20-29s-22w Ford,KS**

Job Ticket: 43932

**DST#: 2**

ATTN: Jim Hall

Test Start: 2011.07.23 @ 07:14:39

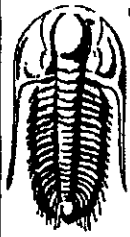
**Tool Information**

Drill Pipe:	Length: 5255.00 ft	Diameter: 3.80 inches	Volume: 73.71 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Full Loose: 90000.00 lb
			<u>Total Volume: 73.71 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	5273.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5251.00	
Hydraulic tool	5.00			5256.00	
Jars	5.00			5261.00	
Safety Joint	2.00			5263.00	
Packer	5.00			5268.00	27.00 Bottom Of Top Packer
Packer	5.00			5273.00	
Stubb	1.00			5274.00	
Recorder	0.00	6798	Inside	5274.00	
Recorder	0.00	8367	Outside	5274.00	
Perforations	5.00			5279.00	
Bullnose	3.00			5282.00	9.00 Bottom Packers & Anchor

**Total Tool Length: 36.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Vincent Oil Corporation  
155 N Market Ste 700  
Wichita, KS 67202  
ATTN: Jim Hall

**Ellis #1-20**  
**20-29s-22w Ford,KS**  
Job Ticket: 43932      **DST#: 2**  
Test Start: 2011.07.23 @ 07:14:39

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API: 37.9 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 70000 ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl	
Water Loss: 13.98 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 10000.00 ppm		
Filter Cake: 0.20 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
0.00	1798 GIP	0.000
268.00	Water	3.759
64.00	SOMCW 2%O 40%M 58%W	0.898
3.00	Clean Oil	0.042

Total Length: 335.00 ft      Total Volume: 4.699 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: Gravity 38 @ 81 degrees  
RW .095 @ 80 degrees

