

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

1/4/09

Operator: License # 5030  
 Name: Vess Oil Corporation  
 Address: 1700 Waterfront Parkway, Bldg. 500  
 City/State/Zip: Wichita, KS 67206  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: W.R. Horigan  
 Phone: (316) 682-1537 X103  
 Contractor: Name: Beredco, Inc.  
 License: 5147  
 Wellsite Geologist: Bryan Bynog  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  

<u>11/26/07</u>	<u>12/4/07</u>	<u>12/5/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**CONFIDENTIAL**  
**JAN 6 4 2008**  
**KCC**

API No. 15 - 083-21539-00-00  
 County: Hodgeman  
 20W - NW - SE - NW Sec. 24 Twp. 21 S. R. 25  East  West  
1650 feet from S /  (circle one) Line of Section  
1630 feet from E /  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE  NW SW  
 Lease Name: Stairrett C Well #: 4  
 Field Name: Stairrett  
 Producing Formation: none  
 Elevation: Ground: 2391' Kelly Bushing: 2402'  
 Total Depth: 4580' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 469 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** PANT 9-8-08  
 (Data must be collected from the Reserve Pit)  
 Chloride content 5700 ppm Fluid volume 1200 bbls  
 Dewatering method used evaporation  
 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 information herein are complete and correct to the best of my knowledge.

Signature: Bosey Boots  
 Title: Operations Engineer Date: 1/4/08  
 Subscribed and sworn to before me this 4th day of January  
08  
 Notary Public: Michelle D. Henning  
 Date Commission Expires \_\_\_\_\_

**MICHELLE D. HENNING**  
 NOTARY PUBLIC  
 STATE OF KANSAS  
 My Appl. Exp. 1/2/09

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JAN 08 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JAN 09 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

Operator Name: Vess Oil Corporation Lease Name: Stairrett C Well #: 4  
 Sec. 24 Twp. 21 S. R. 25  East  West County: Hodgeman

**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 type="checkbox"/> Yes <input checked="" 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:  Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum  see attached  <div style="text-align: center;"> <b>CONFIDENTIAL</b>  <b>JAN 0 4 2008</b>  <b>KCC</b> </div>
--	--

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	# Sacjs Used	Type and Percent Additives
surface	12-1/4"	8-5/8"	24	469'		275	2% gel, 3% cc

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------	------	--------	-----------	--

Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
--	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
  
**JAN 0 8 2008**  
  
 CONSERVATION DIVISION  
 WICHITA KS

**ATTACHMENT TO ACO-1**

Stairrett C-4  
 1650'FNL, 1630'FWL  
 Sec. 24-21S-25W  
 Hodgeman County, KS

	<u>SAMPLE TOPS</u>	<u>LOG TOPS</u>
ANHYDRITE	1629 +773	1631 +771
ANHYDRITE BASE	1669 +733	1668 +734
HEEBNER	3828 -1426	3829 - 1427
LANSING	3880 -1478	3876 -1474
HERTHA	4144 -1742	4144 -1742
B/KC	4240 -1838	4248 -1846
MARMATON	4272 -1870	4285 -1883
FT SCOTT	4405 -2003	4409 -2007
CHEROKEE SH	4432 -2030	
EROS MISS		4496 -2094
MISSISSIPPI LM	4496 -2094	4516 -2114
MISSISSIPPI DOLO	4507 -2105	
TD	4580 -2178	4584 -2182

DST #1 4480-4514 Zone: MISSISSIPPI DOLOMITE

Times: 30-30-30-30

1<sup>st</sup> open: WEAK, DIED IN 15 MIN

2<sup>nd</sup> open

Rec.: 5' OIL CUT MUD(5%OIL)

IHP: 2233 FHP: 2217

IFP: 16-18 FFP: 19-19

ISIP: 38 FSIP: 33 TEMP: 115

TIGHT TEST

DST #2 4510-4534 Zone: MISSISSIPPI DOLOMITE

Times: 30-45-30-60

1<sup>st</sup> open: 10 MIN: 1 ¼" BLOW, SLOWLY BLDG 27 MIN: 1/2"

2<sup>nd</sup> open DEAD

Rec.: 290' DRILLING MUD, 60' OIL SPK MUD(1% OIL)

IHP: 2297 FHP: 2162

IFP: 165-191 FFP: 189-191

ISIP: 1104 FSIP: 999 TEMP: 117

TIGHT TEST

DST #3 4516-4540 Zone: MISSISSIPPI DOLOMITE

Times: 30-45-45-60

1<sup>st</sup> open: BUILT TO 1 ¼" BLOW

2<sup>nd</sup> open WEAK SURFACE BLOW

Rec.: 20' MUD, SCUM OF OIL

IHP: FHP:

IFP: 18-26 FFP: 28-35

ISIP: 1064 FSIP: 992 TEMP: 113

TIGHT TEST

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**RECEIVED**  
**KANSAS CORPORATION COMMISSION**

**JAN 0 8 2008**

**CONSERVATION DIVISION**  
**WICHITA, KS**

# VESS OIL CORPORATION

January 4, 2008

Kansas Corporation Commission  
Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

Re: API #15-083-21,539-00-00  
Stairrett C #4  
20' W NW SE NW  
Sec. 24-21S-25W  
Hodgeman County, KS

**CONFIDENTIAL**  
**JAN 0 4 2008**  
**KCC**

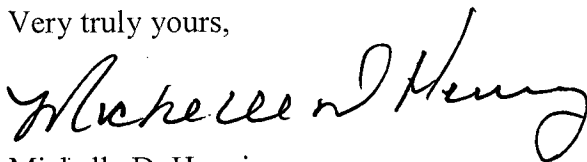
Gentlemen:

Enclosed is the completed ACO-1 and attachments for the Stairrett C #4.

**We are requesting that the information on this ACO-1 be held confidential for twelve (12) months.**

If you have any questions please contact our office.

Very truly yours,



Michelle D. Henning  
Production

/mdh

Enclosures

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 0 8 2008

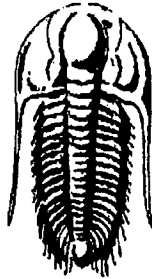
CONSERVATION DIVISION  
WICHITA, KS

RE:  
KANSAS CORP COMMISSION

JAN 0 8 2008

CONSERVATION DIVISION  
WICHITA, KS





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Vess Oil Corporation**

1700 Waterfront Pkwy Bldg 500  
Wichita KS 67206

ATTN: Bryan Bynog

**24 21 25 Hodgeman KS**

**Stairrett C #4**

Start Date: 2007.12.02 @ 13:49:23

End Date: 2007.12.02 @ 21:04:23

Job Ticket #: 30195                      DST #: 1

**CONFIDENTIAL**  
**JAN 0 4 2008**  
**KCC**

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vess Oil Corporation  
1700 Waterfront Pkwy Bldg 500  
Wichita KS 67206  
ATTN: Bryan Bynog

**Stairrett C #4**  
**24 21 25 Hodgeman KS**  
Job Ticket: 30195      **DST#: 1**  
Test Start: 2007.12.02 @ 13:49:23

**Tool Information**

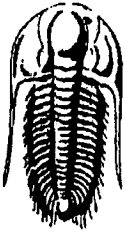
Drill Pipe:	Length: 4290.00 ft	Diameter: 3.34 inches	Volume: 46.49 bbl	Tool Weight: 2700.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 44000.00 lb
		Total Volume: 47.38 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4480.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 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
Change Over Sub	1.00			4454.00	
Shut In Tool	5.00			4459.00	
Hydraulic tool	5.00			4464.00	
Jars	5.00			4469.00	
Safety Joint	2.00			4471.00	
Packer	4.00			4475.00	27.00      Bottom Of Top Packer
Packer	5.00			4480.00	
Stubb	1.00			4481.00	
Recorder	0.00	6719	Inside	4481.00	
Recorder	0.00	8360	Inside	4481.00	
Perforations	30.00			4511.00	
Bullnose	3.00			4514.00	34.00      Bottom Packers & Anchor

**Total Tool Length: 61.00**





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Vess Oil Corporation  
1700 Waterfront Pkw y Bldg 500  
Wichita KS 67206  
ATTN: Bryan Bynog

**Stairrett C #4**  
**24 21 25 Hodgeman KS**  
Job Ticket: 30195      **DST#: 1**  
Test Start: 2007.12.02 @ 13:49:23

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

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
2.00	OCM 5%O 95%M	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

DST Test Number: 1

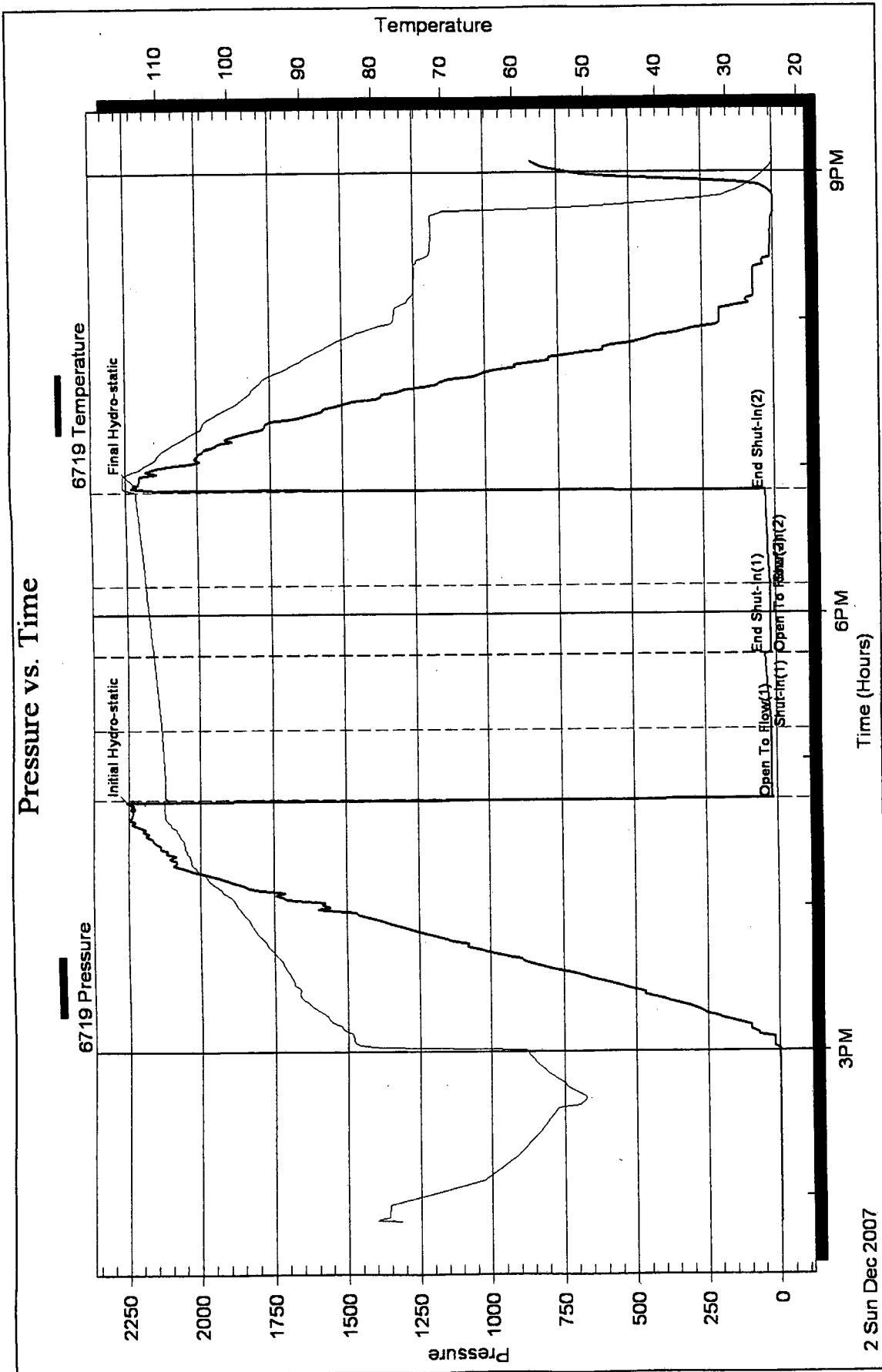
24 21 25 Hodgeman KS

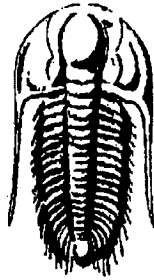
Vess Oil Corporation

Inside

Serial #: 6719

### Pressure vs. Time





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

## DRILL STEM TEST REPORT

Prepared For: **Vess Oil Corporation**

1700 Waterfront Pkwy Bldg 500  
Wichita KS 67206

ATTN: Bryan Bynog

**24 21 25 Hodgeman KS**

**Stairrett C #4**

Start Date: 2007.12.03 @ 07:29:42

End Date: 2007.12.03 @ 16:07:31

Job Ticket #: 30196                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Vess Oil Corporation

Stairrett C #4

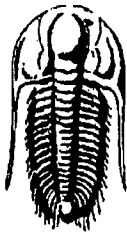
24 21 25 Hodgeman KS

DST # 2

Miss

2007.12.03





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vess Oil Corporation  
1700 Waterfront Pkwy Bldg 500  
Wichita KS 67206  
ATTN: Bryan Bynog

**Stairrett C #4**  
**24 21 25 Hodgeman KS**  
Job Ticket: 30196      **DST#: 2**  
Test Start: 2007.12.03 @ 07:29:42

**Tool Information**

Drill Pipe:	Length: 4328.00 ft	Diameter: 3.34 inches	Volume: 46.90 bbl	Tool Weight: 2700.00 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 47.79 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4510.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	51.00 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			4484.00	
Shut In Tool	5.00			4489.00	
Hydraulic tool	5.00			4494.00	
Jars	5.00			4499.00	
Safety Joint	2.00			4501.00	
Packer	4.00			4505.00	27.00 Bottom Of Top Packer
Packer	5.00			4510.00	
Stubb	1.00			4511.00	
Recorder	0.00	6719	Inside	4511.00	
Recorder	0.00	8360	Inside	4511.00	
Perforations	20.00			4531.00	
Bullnose	3.00			4534.00	24.00 Bottom Packers & Anchor

**Total Tool Length: 51.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Vess Oil Corporation  
1700 Waterfront Pkwy Bldg 500  
Wichita KS 67206  
ATTN: Bryan Bynog

**Stairrett C #4**  
**24 21 25 Hodgeman KS**  
Job Ticket: 30196      **DST#: 2**  
Test Start: 2007.12.03 @ 07:29:42

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	Oil spec Mud 1%O 99%M	0.295
290.00	Drilling Mud	2.432

Total Length: 350.00 ft      Total Volume: 2.727 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 8360

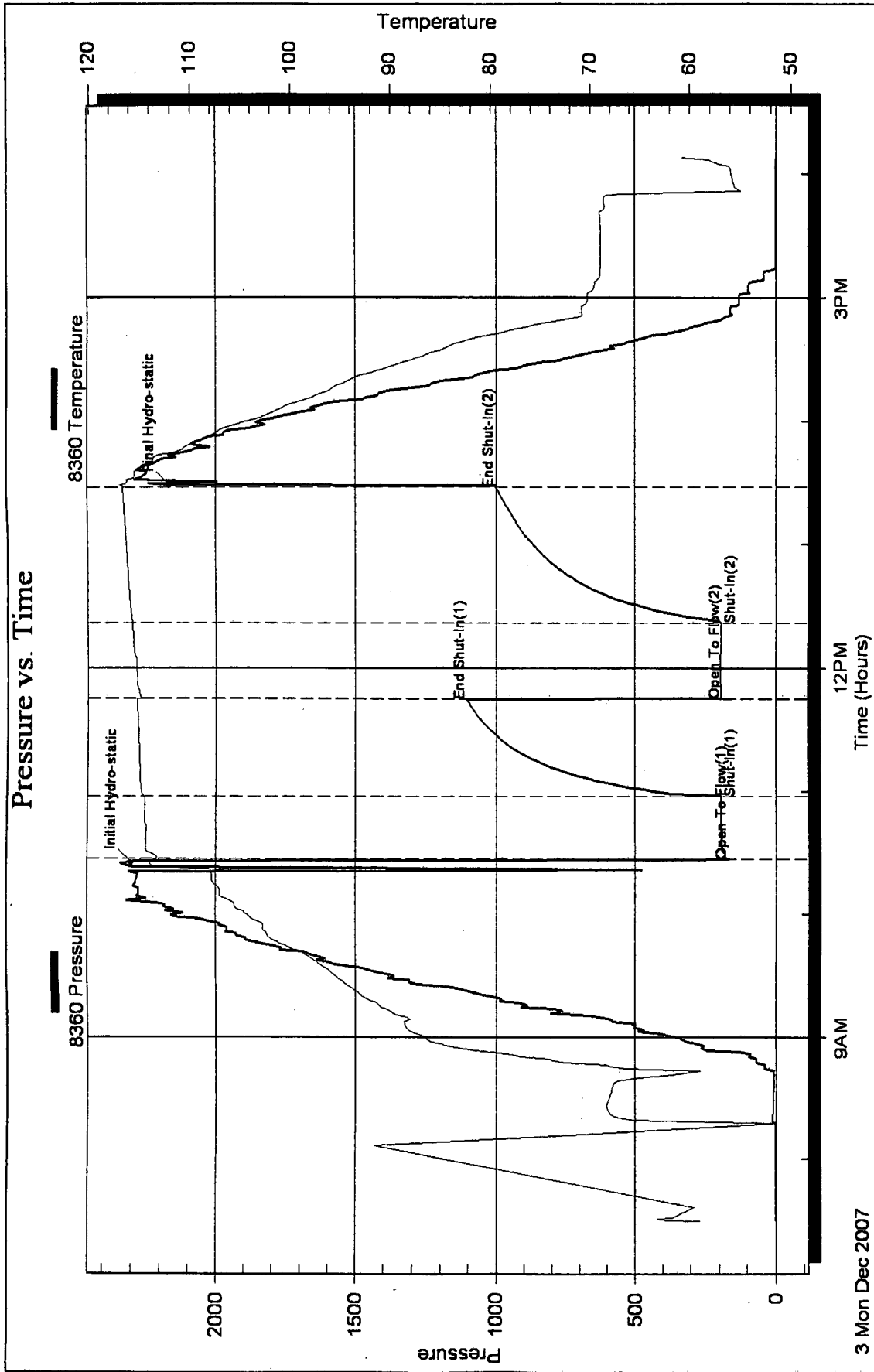
Inside

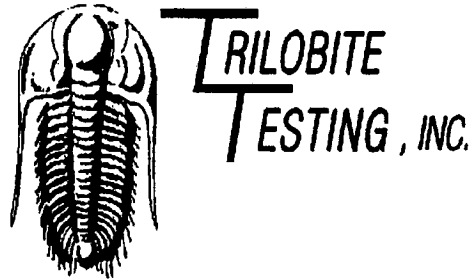
Vess Oil Corporation

24 21 25 Hodgeman KS

DST Test Number: 2

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Vess Oil Corporation**

1700 Waterfront Pkwy Bldg 500  
Wichita KS 67206

ATTN: Bryan Bynog

**24 21 25 Hodgeman KS**

**Stairrett C #4**

Start Date: 2007.12.04 @ 02:55:45

End Date: 2007.12.04 @ 10:14:43

Job Ticket #: 30197                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Vess Oil Corporation

Stairrett C #4

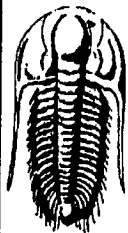
24 21 25 Hodgeman KS

DST # 3

Miss

2007.12.04





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Vess Oil Corporation  
 1700 Waterfront Pkwy Bldg 500  
 Wichita KS 67206  
 ATTN: Bryan Bynog

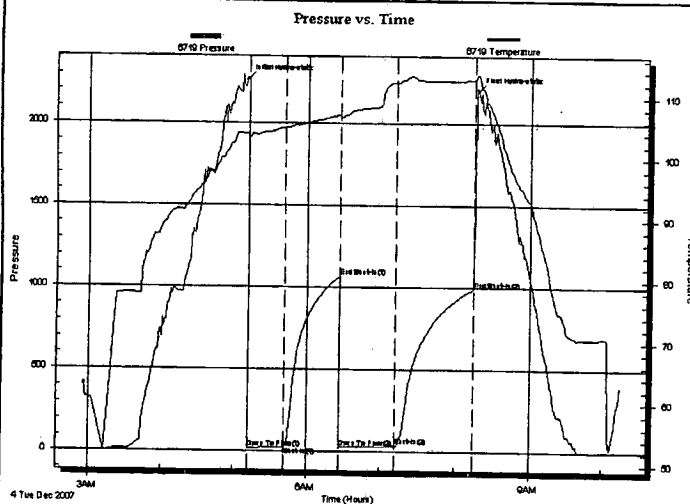
**Stairrett C #4**  
**24 21 25 Hodgeman KS**  
 Job Ticket: 30197      **DST#: 3**  
 Test Start: 2007.12.04 @ 02:55:45

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 05:12:13  
 Time Test Ended: 10:14:43  
 Interval: **4516.00 ft (KB) To 4540.00 ft (KB) (TVD)**  
 Total Depth: **4540.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Kyle Kinderknecht**  
 Unit No: **32**  
 Reference Elevations: **2402.00 ft (KB)**  
**2391.00 ft (CF)**  
**KB to GR/CF: 11.00 ft**

**Serial #: 6719**      **Inside**  
 Press@RunDepth: **35.31 psig @ 4517.00 ft (KB)**      Capacity: **7000.00 psig**  
 Start Date: **2007.12.04**      End Date: **2007.12.04**      Last Calib.: **2007.12.04**  
 Start Time: **02:55:45**      End Time: **10:14:43**      Time On Btm: **2007.12.04 @ 05:10:13**  
 Time Off Btm: **2007.12.04 @ 08:16:43**

TEST COMMENT: IF 1 1/4"  
 FF Surface  
 30 45 45 60



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.28	103.99	Initial Hydro-static
2	18.26	103.40	Open To Flow(1)
32	26.86	105.09	Shut-In(1)
76	1064.41	107.14	End Shut-In(1)
77	28.66	106.74	Open To Flow(2)
122	35.31	112.30	Shut-In(2)
185	992.57	112.84	End Shut-In(2)
187	2197.48	113.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mscum of Oil	0.10

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Vess Oil Corporation  
1700 Waterfront Pkwy Bldg 500  
Wichita KS 67206  
ATTN: Bryan Bynog

**Stairrett C #4**  
**24 21 25 Hodgeman KS**  
Job Ticket: 30197      **DST#: 3**  
Test Start: 2007.12.04 @ 02:55:45

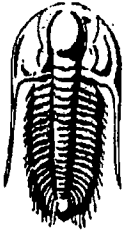
**Tool Information**

Drill Pipe:	Length: 4319.00 ft	Diameter: 3.34 inches	Volume: 46.80 bbl	Tool Weight: 2700.00 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	4516.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	51.00 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			4490.00	
Shut In Tool	5.00			4495.00	
Hydraulic tool	5.00			4500.00	
Jars	5.00			4505.00	
Safety Joint	2.00			4507.00	
Packer	4.00			4511.00	27.00      Bottom Of Top Packer
Packer	5.00			4516.00	
Stubb	1.00			4517.00	
Recorder	0.00	6719	inside	4517.00	
Recorder	0.00	8360	inside	4517.00	
Perforations	20.00			4537.00	
Bullnose	3.00			4540.00	24.00      Bottom Packers & Anchor

**Total Tool Length: 51.00**



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

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vess Oil Corporation  
1700 Waterfront Pkwy Bldg 500  
Wichita KS 67206  
ATTN: Bryan Bynog

**Stairrett C #4**  
**24 21 25 Hodgeman KS**  
Job Ticket: 30197      **DST#: 3**  
Test Start: 2007.12.04 @ 02:55:45

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mscum of Oil	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 6719

Inside

Vess Oil Corporation

24 21 25 Hodgeman KS

DST Test Number: 3

### Pressure vs. Time

