

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

8/11/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3293

Name: Russell Oil Inc

Address 1: PO BOX 8050

Address 2: _____

City: Edmond State: OK Zip: 73083

Contact Person: Ivan LeRoy Holt II

Phone: (405) 752-7600

CONTRACTOR: License # 33793

Name: H2 Drilling LLC

Wellsite Geologist: Kevin Bailey

Purchaser: NA

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.)

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.: _____

06/11/2010 06/22/2010 06/23/2010

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-109-20919-00-00

Spot Description: _____

S2 NE NW SE Sec. 5 Twp. 13 S. R. 33 East West

2240 Feet from North / South Line of Section

1650 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Logan

Lease Name: LEE C Well #: 1-5

Field Name: Wildcat

Producing Formation: NA

Elevation: Ground: 2966' Kelly Bushing: 2977'

Total Depth: 4508' Plug Back Total Depth: na

Amount of Surface Pipe Set and Cemented at: 270' 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 PANJ81310
(Date must be collected from the Reserve Pit)

Chloride content: 12300 ppm Fluid volume: 850 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 statements herein are complete and correct to the best of my knowledge.

Signature: Ivan LeRoy Holt II

Title: President Date: 8/1/2010

Subscribed and sworn to before me this 1ST day of August

20 10

Notary Public: Patti L Holt

Date Commission Expires: 6/7/14

PATTI L. HOLT
NOTARY PUBLIC - STATE OF OKLAHOMA
MY COMMISSION EXPIRES: JUNE 07, 2014
MY COMMISSION # 10004554

KCC Office Use ONLY

- Letter of Confidentiality Received 8/1/10 - 8/1/12
- If Denied, Yes Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

RECEIVED
AUG 05 2010

KCC WICHITA

Operator Name: Russell Oil Inc Lease Name: LEE C Well #: 1-5
 Sec. 5 Twp. 13 S. R. 33 East West County: Logan

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: microsensitivity;computer processed;dual compensated;dual induction	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Enclosed Geologist Report <div style="text-align: center;"> KCC AUG 01 2010 CONFIDENTIAL </div>
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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	12 1/4"	8 5/8"	23#	270'	CLASS A	175	

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

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed 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

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

AUG 05 2010
KCC WICHITA



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 24414
LOCATION Oriskany Kansas
FOREMAN Pat Heister

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-11-10	7043	Lee "C" 1-5	5	13 ^s	33 ^w	Logan
CUSTOMER Russell Oil Co.			TRUCK #			
MAILING ADDRESS P.O. Box 8050			DRIVER			
CITY Edmond			TRUCK #			
STATE OK			DRIVER			
ZIP CODE 73083			TRUCK #			
			DRIVER			

JOB TYPE Surface C HOLE SIZE 12 1/4 HOLE DEPTH 270 CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 270 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 15.6 SLURRY VOL 42.38 / 41.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 25'
DISPLACEMENT 16.8% DISPLACEMENT PSI 100 MIX PSI _____ RATE _____

REMARKS: Safety meeting. Hookup to casing mix 175 sks 3% cc 2% gel Displace
114# bbl @ 100 PSI shut in @ 100 PSI

Circulated good cement

KCC
AUG 05 2010

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Thank you
Pat & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	985 ⁰⁰	985 ⁰⁰
5406	1	MILEAGE <u>20 miles</u>	45 ⁰⁰	90 ⁰⁰
RECEIVED				
11045	175 sks	Class "A" Cement	16 ⁰⁰	2800 ⁰⁰
1102	500 lbs	Calcium Chloride	.88	440 ⁰⁰
1118 B	300 lbs	Premium Gel	.20	60 ⁰⁰
4432	1	wood Plug <u>8 5/8</u>	92 ⁰⁰	92 ⁰⁰
5407A	8.22	Ten mile Delivery <u>26 mile</u>	150	246 ⁰⁰
<u>234743</u>				
			sub TOTAL	4713 ⁰⁰
			Less	-1178.40
				SALES TAX
				213.70
				ESTIMATED TOTAL
				3748 ⁹⁰

Rev'n 3737
AUTHORIZATION Steven Craig TITLE Tool pusher DATE 6-11-10



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 24427
LOCATION Oakley, KS
FOREMAN Walt Dunkel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-23-10	7043	Lee "C" 1-5	5	13 ^s	33 ^w	Logan
CUSTOMER Russell Oil Co.			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			463 Shannon			
CITY STATE ZIP CODE			439 Brandon W			

JOB TYPE PTA - O HOLE SIZE 7 7/8 HOLE DEPTH 4508' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 KH-2450 TUBING _____ OTHER KCC
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING AUG 05 2010
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting CONFIDENTIAL

25 - SKs @ 2450'
100 - SKs @ 1370' 220 SKs @ 7/40 size, 4% Gel, 1/4" Flo Seal
40 - SKs @ 320'
10 SKs @ 40'
30 SKs in R.H.
15 SKs in id.H. Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1,200 ⁰⁰	1,200 ⁰⁰
5406	20	MILEAGE 20 miles	450	90 ⁰⁰
1131	220	SKs 60/40 size	13 ⁰⁰	2860 ⁰⁰
1118 B	756 #	Bentonite (Gel)	120	15120
1107	55 #	Flo-Seal	250	13750
4432	1	8 3/4 wooden Plug	92 ⁰⁰	92 ⁰⁰
5407A	9.46 Ton	Ton Mileage Delivery	150	390 ⁰⁰

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AUG 05 2010

KCC WICHITA

234891

Less Disc. 20%
 SALES TAX 206.17
 ESTIMATED TOTAL 4140.73

Revin 3737 AUTHORIZATION Steven Craig TITLE _____ DATE 6-23-10

GEOLOGICAL REPORT PREPARED FOR



Lease: Lee "C" 1-5

KCC
AUG 05 2010
CONFIDENTIAL

Wildcat, East of Logansport Oil Field

Section 5, Township 13 South, Range 33 West

2240'FSL, 1650'FEL or S2, NE, NW, SE

LOGAN COUNTY, KANSAS

API # 15-109-20919-00

Commenced: June 11, 2010

Completed: June 23, 2010

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KCC WICHITA

Geologist Report

Central Kansas Surveying, Great Bend, KS Location Sec. 5, T13S, R33W,
Or 2240' From South Line, 1650' From East Line or S2, NE, NW, SE

1-5 Lee "C" lease is located in Section 5, Township 13 South, Range 33 West, in
Logan County, Kansas.

G.L. = 2966 ft. K.B. = 2977 ft. D.F. = ~2975 ft. +/- Top of Kelly Bushing = 11 ft.

Spud - 06/11/10 Surface casing - New 8 5/8" set @ 270 ft.) 6/22/10 e-logged at 260'

H2 Drilling, Inc. - Rig #2, Wink Hartman Wichita/Garden City, KS; TP-Steve Craig,
DD-Richard Rickers, ED-Jimmie Holt, MD-Kiven Cornelson with four-man drilling crews.

MudCo, Inc. Great Bend, KS - Mud supplier & Drilling fluids daily mud monitoring - Reid
Atkins & Gary Schmidtberger; Mud Type - Chemical in steel pits; water source from pond
near location.

LogTech of Hays City, KS B. Becker - Electrical Logs/Down Hole (open) Dual Induction, Dual
Compensated Porosity & Microresistivity Logs- Logging Interpolation, by Dale Legleiter with
Computer Color Generated Log consulting with LeRoy Holt & Todd Morgenstern.

RTD - 4508 ft. LTD - 3600-4507 ft.

Sample collected wet-dry for reviewed from 3700 ft. to 4508 ft. 06/11/2010 through
06/23/2010,

Trilobite Testing Inc. Hays/*Scott City, KS offices;
Testers-Brent Dickerson (1-3) & *Brandon Domsch (4-6);
Six (6) Drill Stem Tests review:

DST #1 3870'-3934' IH 1814, FIF 49, FFF 181, ISI 1173, SIF 190, SFF 626, FSI 1119,
FH1860 5-60-60-60 Recovered 60'vswcm, 5%w, 95%m-120'wcm 40%w, 60%m-
1130'vsmcw, 85%w,15%m

DST #2 4070'-4140' IH 1990, FIF 21, FFF 25, ISI 1092, SIF 27, SFF 52, FSI 1007,
FH1946 5-60-60-60 Recovered 70' osm Miss-run/plugged tool!

DST #3 4070'-4140' IH 1942, FIF 20, FFF 23, ISI 1136, SIF26, SFF 50, FSI 1012, FH
1969 5-60-60-60 Recovered 60'osm

DST #4 4330'-4440' IH 2135, FIF 34, FFF 28, ISI 768, SIF 30, SFF 32, FSI 318, FH
2132 5-30-15-30 Recovered 3'm w/ o spots

DST #5 4438'-4483' IH 2209, FIF 19, FFF 19, ISI 102, SIF 19, SFF 19, FSI 19, FH 2206
5-30-15-30 Recovered 1'socm 97%m 3%o

DST#6 4483'-4508' IH 2228 FIF 13 FFF 13 ISI 17 SIF 13 SFF 13 FSI 1901 FH 2228
5-30-15-30 Recovered 5'm

See attached Trilobite Testing DST reports for complete reporting.

Based on the sample review, the DST results, ROP, Chromatogram/Hot Wire and the electrical log the Lee"C" 1-5 was condemned and plugged with KCC(Hays) approval to the total depth of 4507 ft. on 06/23/2010 by H2 Drilling, LLC. Steve Craig Tool Pusher. Cementing & plugged by Consolidated Cementing Inc. Ticket# 2427

Lee"C" 1-5 Formation Tops

KB=2977'

<u>FORMATION Top(s)</u>	<u>Sample Top(s)</u>	<u>E-Log Top(s)</u>	<u>Datum</u>	<u>JackLee#1</u>
Stone Corral (Anhydrate)	2440'ROP	2439'	(+538')	(+564)
Base of Anhydrate	2463'ROP	2461'	(+516')	(+541)
Topeka	3630'	3632'	(-655')	NC
Heebner	3855'	3858'	(-881')	(-870)
Toronto	3873'	3875'	(-898')	(-890)
Lansing	3909'	3904'	(-927')	(-916')
Base of Kansas City	4230'	4226'	(-1249')	(-1238')
Marmaton	4265'	4262'	(-1285')	NC
Pawnee	4349'	4346'	(-1369')	(1352')
Ft. Scott	4390'	4392'	(-1405')	(1411')
Cherokee Sh	4405'	4404'	(1427')	(-1438')
Johnson	4460'	4459'	(-1482')	(-1482')
Miss. Lm	4470'	4465'	(-1488')	NC
Miss	4490'	4492'	(-1515')	NC
RTD	4508'			
LTD	4507'			

A completed well site plotted geologist (Geoplotted) report & well (mud) log is attached.

The following Sample Review is based on samples with structure, slight shows, shows, and hydrocarbon odor present/chromatogram-hot wire detection. The DST number which covered this interval is also indicated.

Toronto

3875-3880' Gray tan white vuggy Limestone with fair odor, good-fair oil show, fair porosity, good fluorescence, DST #1

Lansing

3904-3930' Dull white buff/gray Limestone good/fair odor, good show of oil in few pieces, poor porosity, fair fluorescence, DST #1

KC

4070-4140 Dull white/tan Limestone with fair oil show, good odor, fair fluorescence, DST #2& 3

Marm/Pw&FtS

4330-4440' Light gray chert in tan limestone grains with some oil stain, one piece with free oil, fair fluorescence, DST #4

Cherokee

4438-4483' Dull white cherty dolomitic/Limestone with slight stain with fair odor, DST #5

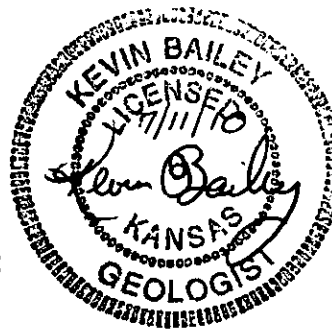
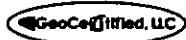
Johnson/Miss.

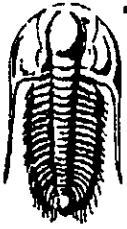
4438-4508' Slight oil-stained brown in gray-tan limestone with soft white limestone good odor, free oil on one side, and fair fluorescence, DST #6

GeoCertified, LLC guarantees and/or warrants that the information contained herein has been prepared based upon the most up-to-date data available at the time of the prognostic research, drilling evaluation and documentation. GeoCertified, LLC explicitly disclaims any liability incurred as a result from the utility of said information, samples, and documentation.

Prepared and respectfully submitted by,

Kevin J. Bailey, Wellsite Petroleum Geologist for:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.
PO Box 8050 Edmond Ok 73083
ATTN: Kevin Bailey

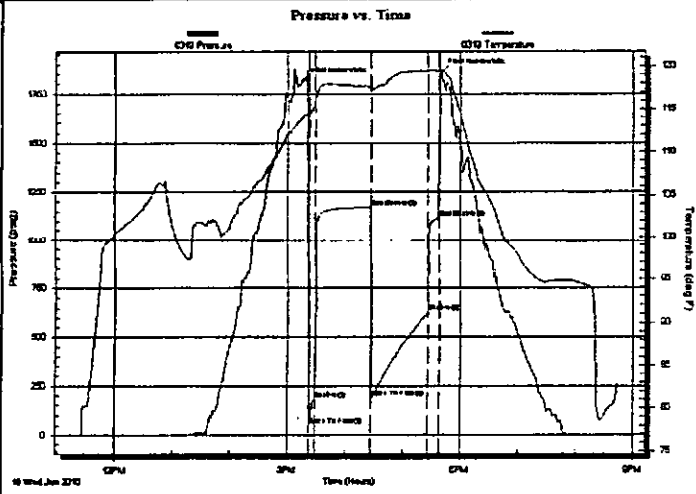
Lee "C" 1-15
Sec5Twp13sRge33w
Job Ticket: 38754 DST#: 1
Test Start: 2010.06.16 @ 11:25:42

GENERAL INFORMATION:

Formation: LKC "A,B"
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 15:22:12
 Tester: Brett Dickinson
 Time Test Ended: 20:45:12
 Unit No: 47
 Interval: 3870.00 ft (KB) To 3934.00 ft (KB) (TVD)
 Reference Elevations: 2977.00 ft (KB)
 Total Depth: 3934.00 ft (KB) (TVD)
 2968.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 11.00 ft

Serial #: 8319 Inside
 Press@RunDepth: 626.50 psig @ 3874.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.06.16 End Date: 2010.06.16 Last Calib.: 2010.06.16
 Start Time: 11:25:42 End Time: 20:45:12 Time On Btm: 2010.06.16 @ 15:14:42
 Time Off Btm: 2010.06.16 @ 17:40:12

TEST COMMENT: IF-BOB in 4min
 IS-No blow
 FF-BOB in 5.5min
 FS-No blow



PRESSURE SUMMARY

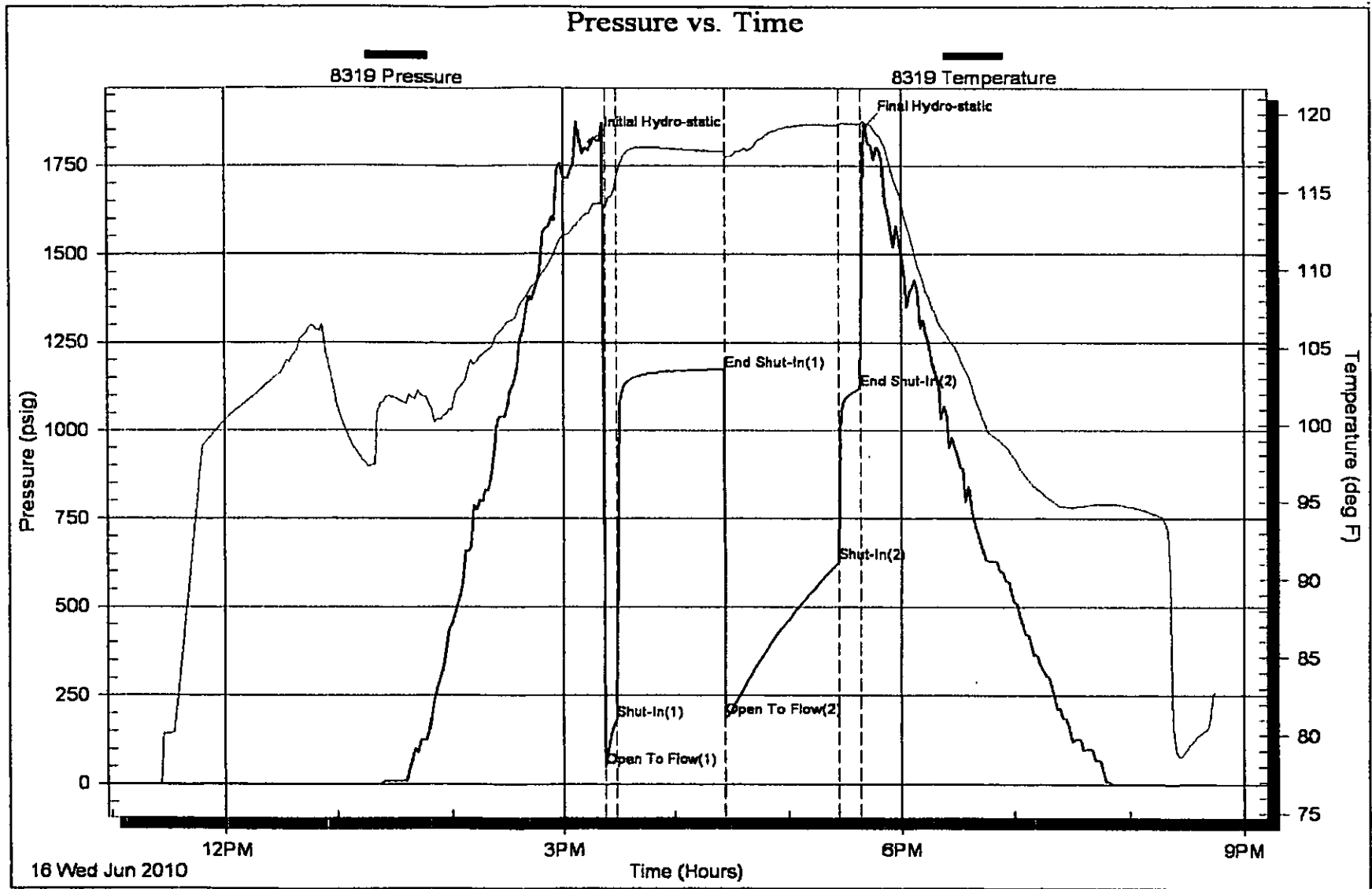
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1814.03	113.87	Initial Hydro-static
8	49.37	114.01	Open To Flow (1)
14	181.93	116.01	Shut-In(1)
72	1173.32	117.57	End Shut-In(1)
73	190.45	117.11	Open To Flow (2)
132	626.50	119.27	Shut-In(2)
143	1119.40	119.35	End Shut-In(2)
146	1860.98	119.45	Final Hydro-static

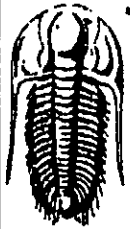
Recovery

Length (ft)	Description	Volume (bbl)
1130.00	VSMCW 15%M 85%W	13.63
120.00	WCM 40%W 60%M	1.68
60.00	VSWCM 85%W 15%M	0.84

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcfd)





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.
PO Box 8050 Edmond Ok 73083
ATTN: Kevin Bailey

Lee "C" 145
Sec5Twp13sRge33w
Job Ticket: 38755 DST#: 2
Test Start: 2010.06.18 @ 01:04:36

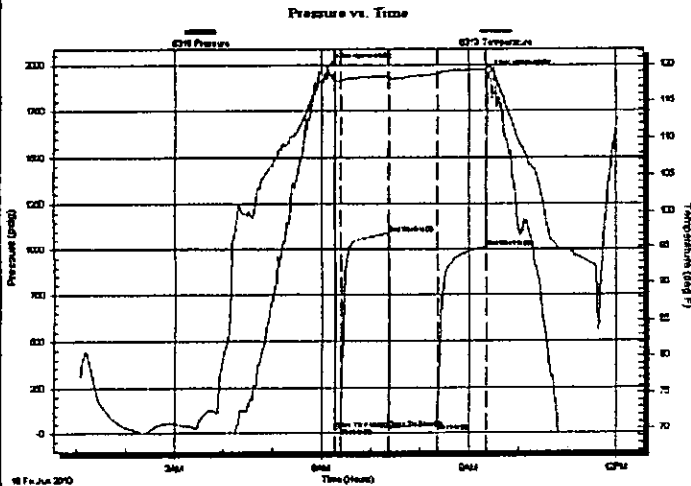
GENERAL INFORMATION:

Formation: KC
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:16:36
Time Test Ended: 12:02:06
Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47
Interval: 4070.00 ft (KB) To 4140.00 ft (KB) (TVD)
Reference Elevations: 2977.00 ft (KB)
Total Depth: 4140.00 ft (KB) (TVD) 2966.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 11.00 ft

Serial #: 8319 Inside
Press@RunDepth: 52.17 psig @ 4080.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.06.18 End Date: 2010.06.18 Last Calib.: 2010.06.18
Start Time: 01:04:36 End Time: 12:02:06 Time On Btrr: 2010.06.18 @ 06:07:06
Time Off Btrr: 2010.06.18 @ 09:22:36

TEST COMMENT: IF-1/4in blow
IS-No blow
FF-No blow
FSI-No blow

PRESSURE SUMMARY



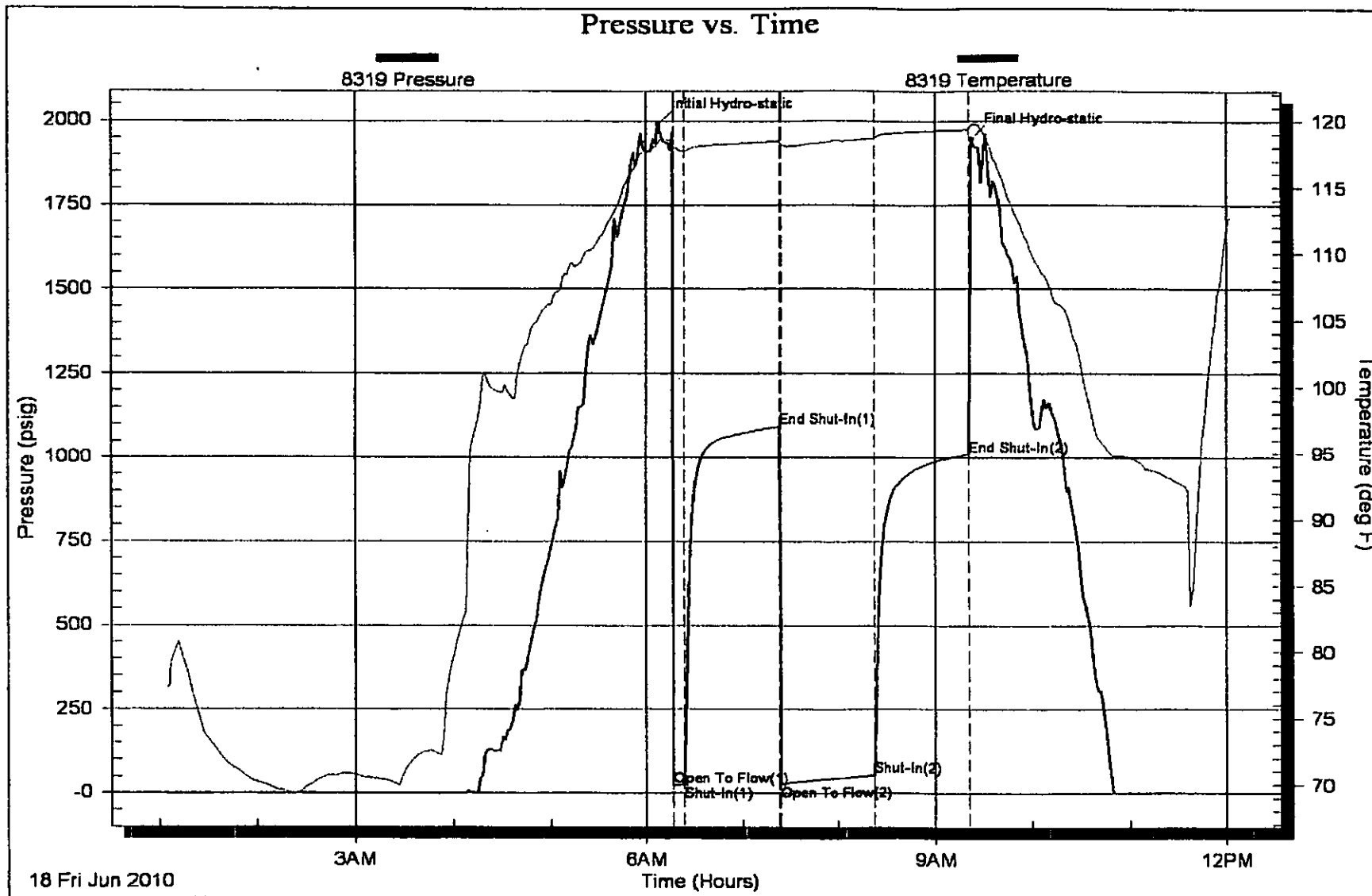
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1990.09	118.34	Initial Hydro-static
10	21.24	117.88	Open To Flow (1)
16	25.26	117.71	Shut-in(1)
75	1092.02	118.48	End Shut-in(1)
76	27.22	118.20	Open To Flow (2)
135	52.17	118.72	Shut-in(2)
194	1007.92	119.35	End Shut-in(2)
196	1946.31	119.72	Final Hydro-static

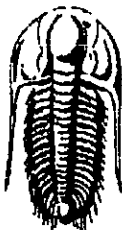
Recovery

Length (ft)	Description	Volume (bbl)
70.00	Oilcum Mud	0.34

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (MCF/D)





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.
PO Box 8050 Edmond Ok 73083
ATTN: Kevin Bailey

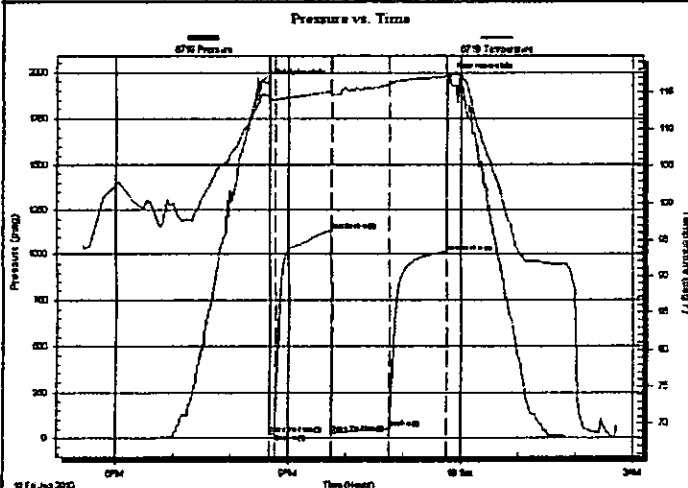
Lee "C" 105
Sec5Twp13sRge33w
Job Ticket: 38756 DST#: 3
Test Start: 2010.06.18 @ 17:25:27

GENERAL INFORMATION:

Formation: KC
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:40:27
Time Test Ended: 02:42:57
Interval: 4070.00 ft (KB) To 4140.00 ft (KB) (TVD)
Total Depth: 4140.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47
Reference Elevations: 2977.00 ft (KB)
2968.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6719 Inside
Press@RunDepth: 50.91 psig @ 4080.00 ft (KB)
Start Date: 2010.06.18 End Date: 2010.06.19
Start Time: 17:25:27 End Time: 02:42:57
Capacity: 8000.00 psig
Last Calib.: 2010.06.19
Time On Btm: 2010.06.18 @ 20:30:57
Time Off Btm: 2010.06.18 @ 23:47:57

TEST COMMENT: IF-1/4in blow
ISI-no blow
FF-no blow
FSI-no blow



PRESSURE SUMMARY

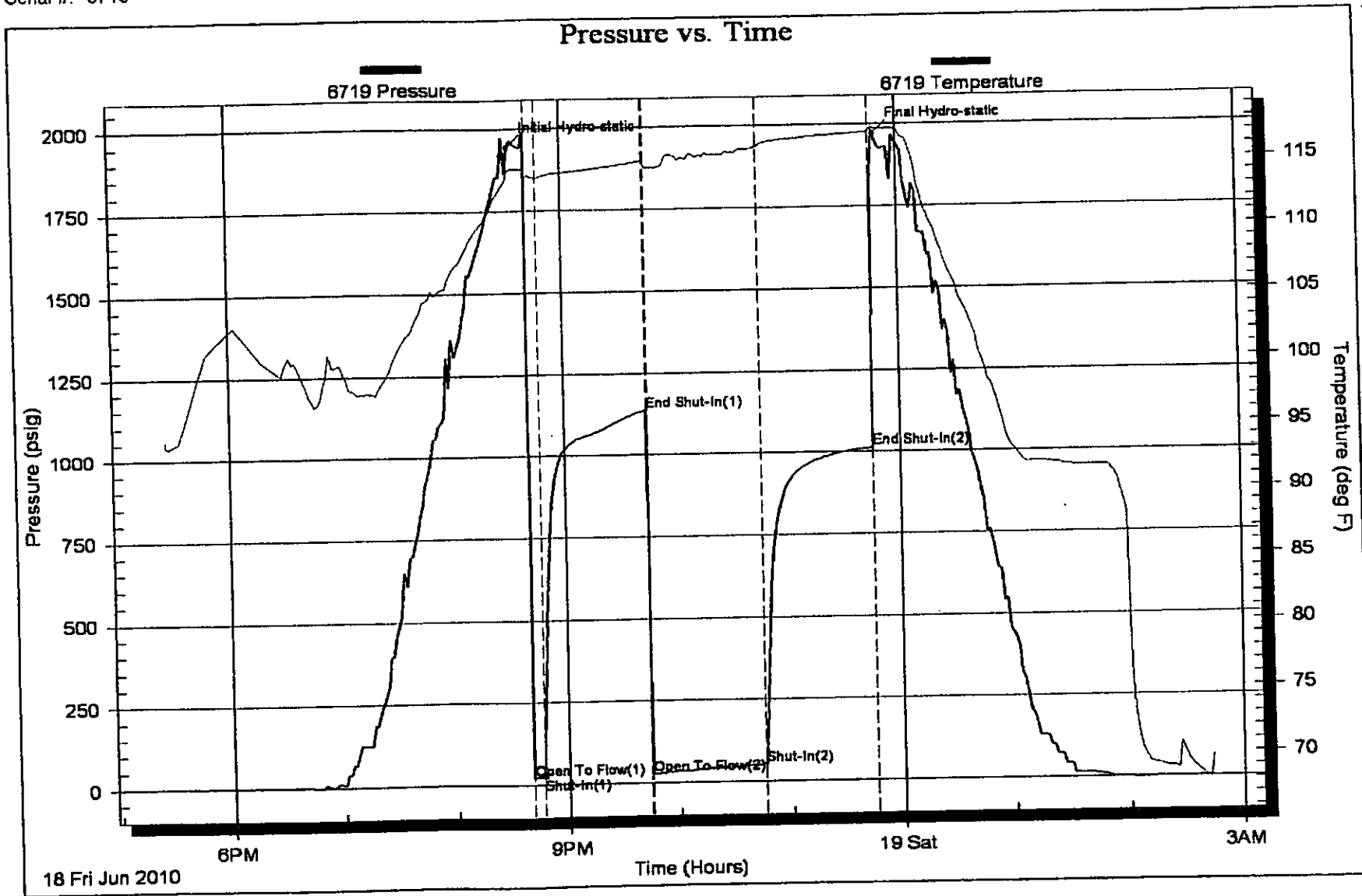
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1942.29	114.47	Initial Hydro-static
10	20.30	113.87	Open To Flow (1)
15	23.83	113.88	Shut-In(1)
74	1138.84	115.08	End Shut-In(1)
74	26.52	114.78	Open To Flow (2)
135	50.91	116.03	Shut-In(2)
195	1012.67	117.04	End Shut-In(2)
197	1969.90	117.33	Final Hydro-static

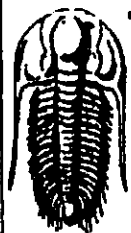
Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oilcum mud	0.30

Gas Rates

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





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil
Box 8050
Edmond, OK 73083
ATTN: Kevin Bailey

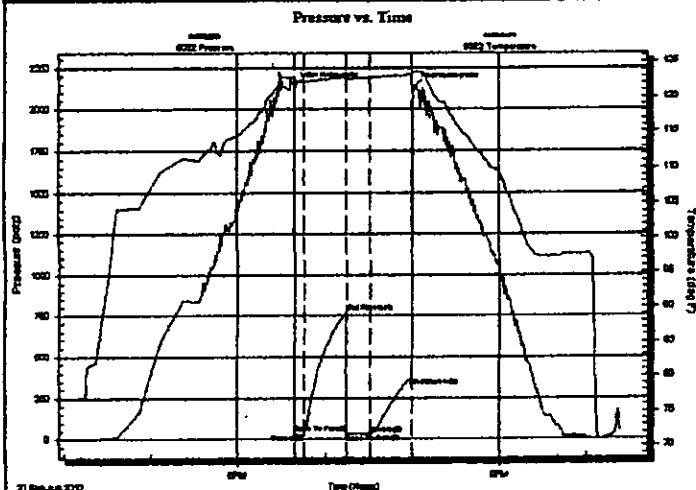
Lee C #1-5
5-13-33 Logan
Job Ticket: 37899 DST#: 4
Test Start: 2010.06.20 @ 16:15:05

GENERAL INFORMATION:

Formation: Pawnee
Deviated: No Whipstock ft (KB)
Time Tool Opened: 18:39:15
Time Test Ended: 22:23:59
Test Type: Conventional Bottom Hole
Tester: Brandon Domsch
Unit No: 48
Interval: 4330.00 ft (KB) To 4440.00 ft (KB) (TVD)
Reference Elevations: 2977.00 ft (KB)
Total Depth: 4440.00 ft (KB) (TVD)
2971.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair
KB to GR/CF: 6.00 ft

Serial #: 8322 Inside
Press@RunDepth: 32.29 psig @ 4331.00 ft (KB)
Capacity: 8000.00 psig
Start Date: 2010.06.20 End Date: 2010.06.20 Last Calib.: 2010.06.20
Start Time: 16:15:05 End Time: 22:23:59 Time On Btm: 2010.06.20 @ 18:39:00
Time Off Btm: 2010.06.20 @ 20:02:00

TEST COMMENT: IF: 1/4 inch died back to a weak surface.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

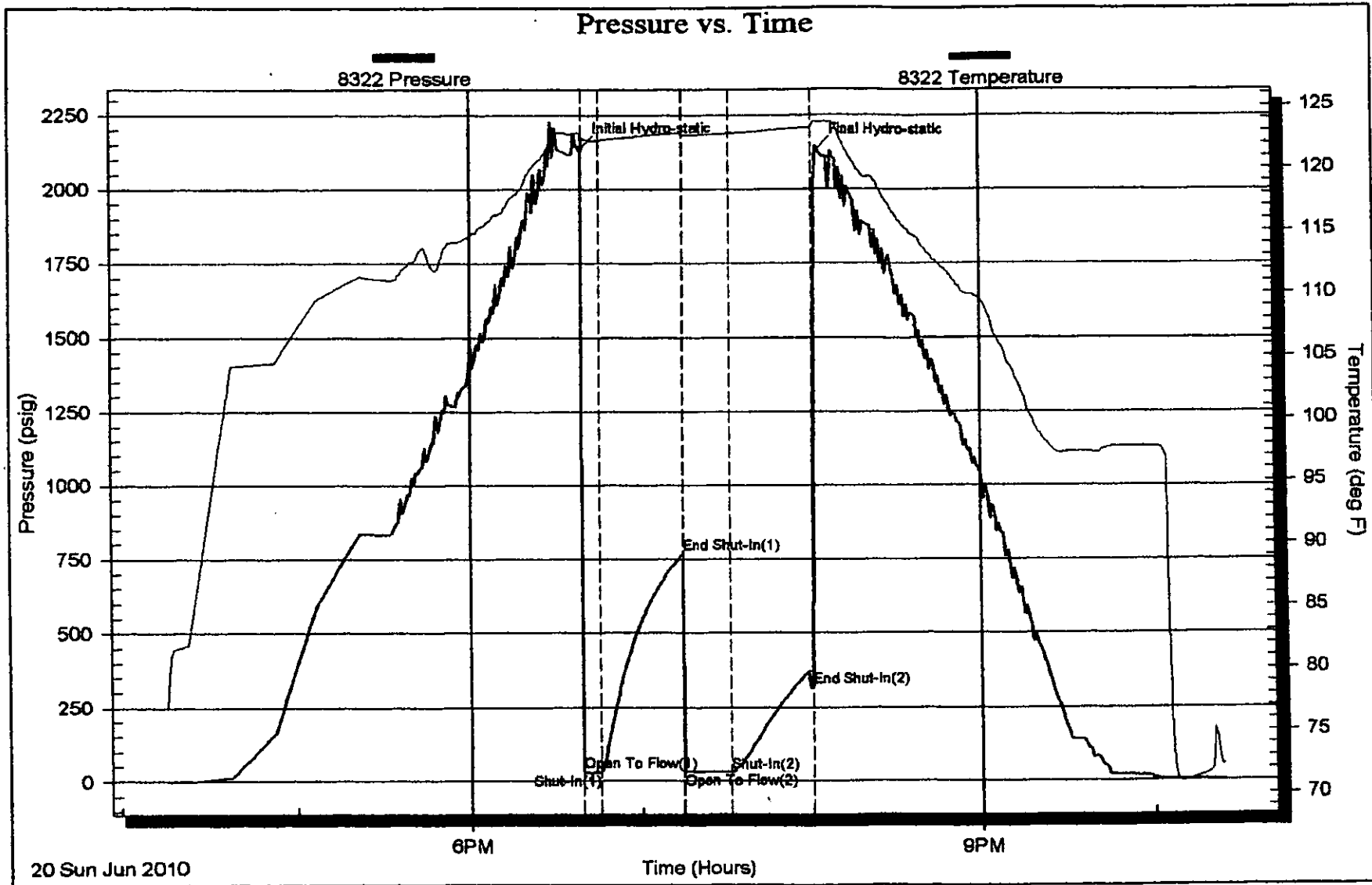
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.78	122.62	Initial Hydro-static
1	34.01	121.70	Open To Flow (1)
7	28.83	122.23	Shut-In (1)
36	768.72	122.84	End Shut-In (1)
36	30.61	122.66	Open To Flow (2)
53	32.29	122.79	Shut-In (2)
81	318.93	123.22	End Shut-In (2)
83	2132.54	123.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbt)
3.00	Mw/O spots 100% m	0.01
0.00	GIP = 0	0.00

Gas Rates

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





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil
Box 8050
Edmond, OK 73083
ATTN: Kevin Bailey

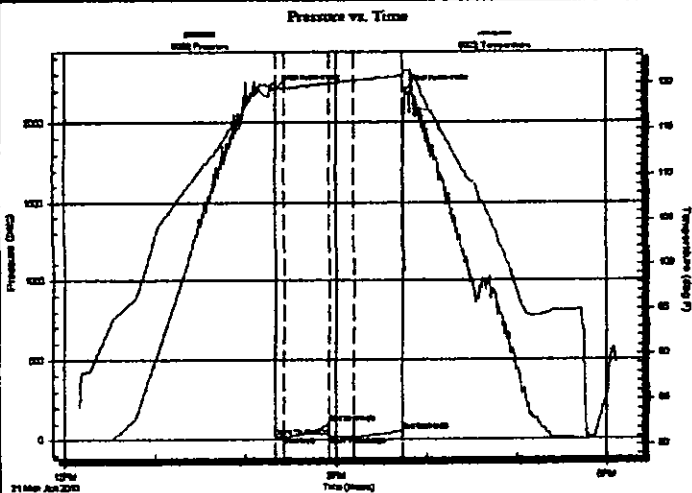
Lee C #1-5
6-13-33 Logan
Job Ticket: 37900 DST#: 6
Test Start: 2010.06.21 @ 12:10:05

GENERAL INFORMATION:

Formation: Cherokee - Johnson
Deviated: No Whipstock ft (KB)
Time Tool Opened: 14:19:45
Time Test Ended: 18:06:44
Interval: 4438.00 ft (KB) To 4483.00 ft (KB) (TVD)
Total Depth: 4483.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Brandon Domsch
Unit No: 48
Reference Elevations: 2977.00 ft (KB)
2971.00 ft (GF)
KB to GR/CF: 6.00 ft

Serial #: 8322 Inside
Press@RunDepth: 19.60 psig @ 4439.00 ft (KB)
Start Date: 2010.06.21 End Date: 2010.06.21
Start Time: 12:10:05 End Time: 18:06:44
Capacity: 8000.00 psig
Last Calib.: 2010.06.21
Time On Btm: 2010.06.21 @ 14:19:30
Time Off Btm: 2010.06.21 @ 15:46:00

TEST COMMENT: IF: Weak Surface blow died in 3 mins.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

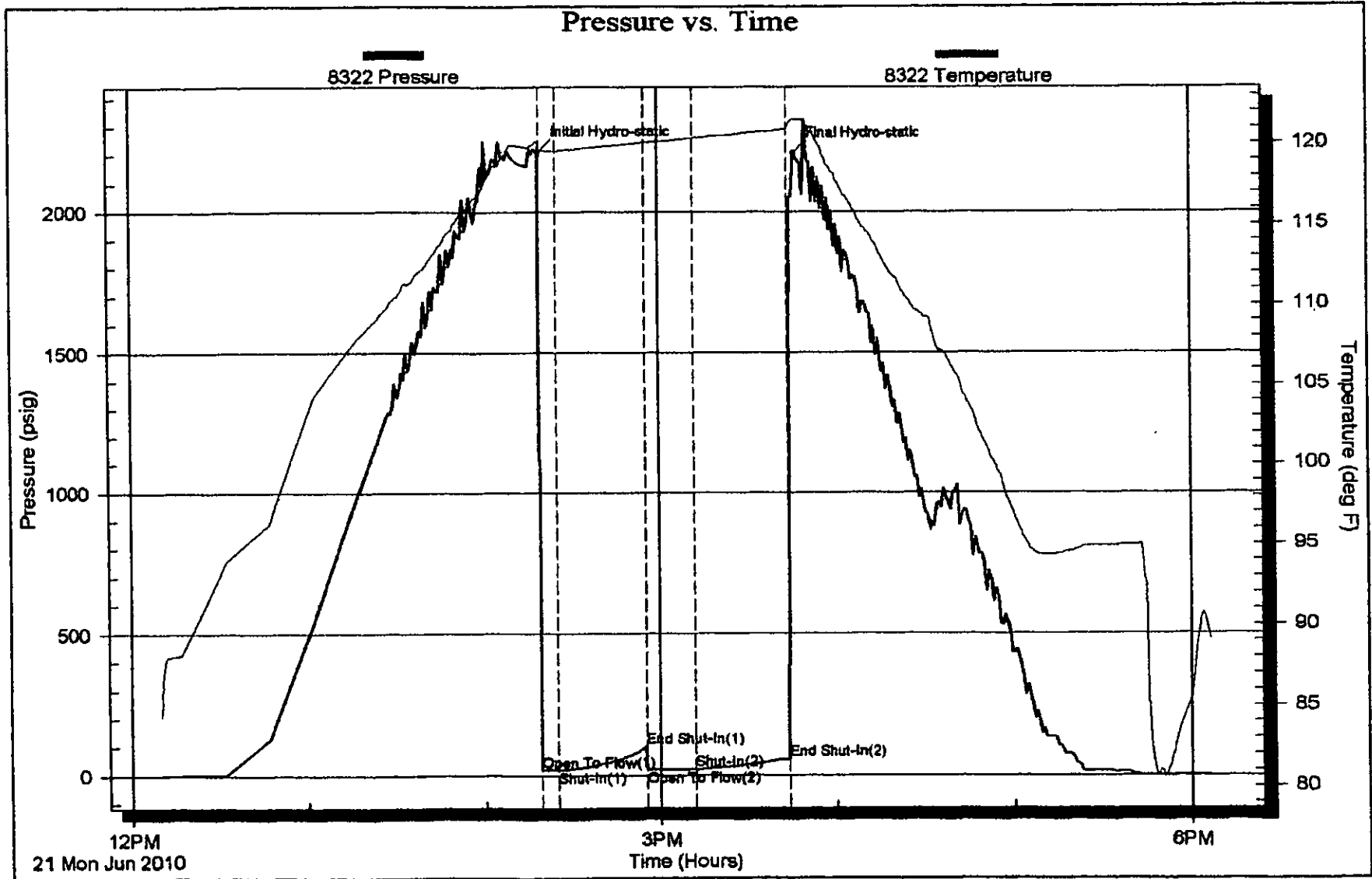
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.45	120.07	Initial Hydro-static
1	19.04	119.17	Open To Flow (1)
6	19.53	119.53	Shut-In (1)
36	102.35	120.05	End Shut-In (1)
36	19.71	120.04	Open To Flow (2)
53	19.60	120.32	Shut-In (2)
85	56.60	120.85	End Shut-In (2)
87	2206.60	121.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	SOCM 3%o 97% m	0.00
0.00	GIP = 0	0.00

Gas Rates

	Chble (Inches)	Pressure (psig)	Gas Rate (Mc/Kd)





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil
Box 8050
Edmond, OK 73083
ATTN: Kevin Bailey

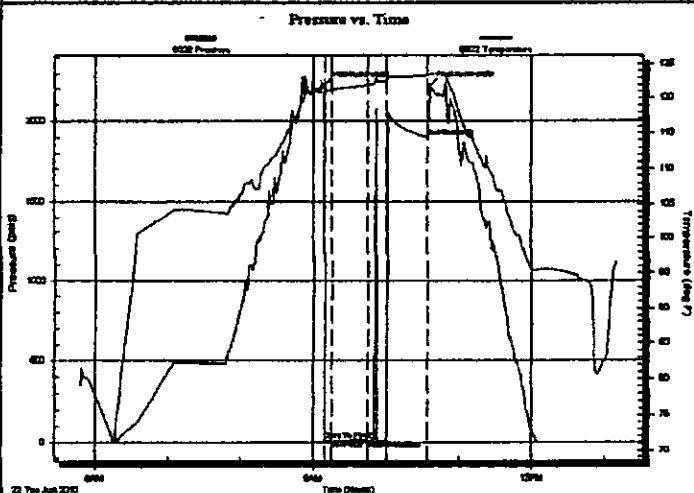
Lee C #1-5
5-13-33 Logan
Job Ticket: 39176 DST#: 6
Test Start: 2010.06.22 @ 05:48:05

GENERAL INFORMATION:

Formation: Miss. LMS
Deviated: No Whipstock ft (KB)
Time Tool Opened: 09:09:15
Time Test Ended: 13:10:29
Test Type: Conventional Bottom Hole
Tester: Brandon Dorrach
Unit No: 48
Interval: 4483.00 ft (KB) To 4508.00 ft (KB) (TVD)
Reference Elevations: 2977.00 ft (KB)
Total Depth: 4508.00 ft (KB) (TVD)
2971.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair
KB to GR/CF: 6.00 ft

Serial #: 8322 Inside
Press@RunDepth: 13.24 psig @ 4484.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.06.22 End Date: 2010.06.22 Last Calib.: 2010.06.22
Start Time: 05:48:05 End Time: 13:10:29 Time On Btm: 2010.06.22 @ 09:09:00
Time Off Btm: 2010.06.22 @ 10:36:15

TEST COMMENT: F: Weak surface for 1 min.
IS: No return.
FF: No blow, flushed @ 5 mins, no blow.
FS: No return.



PRESSURE SUMMARY

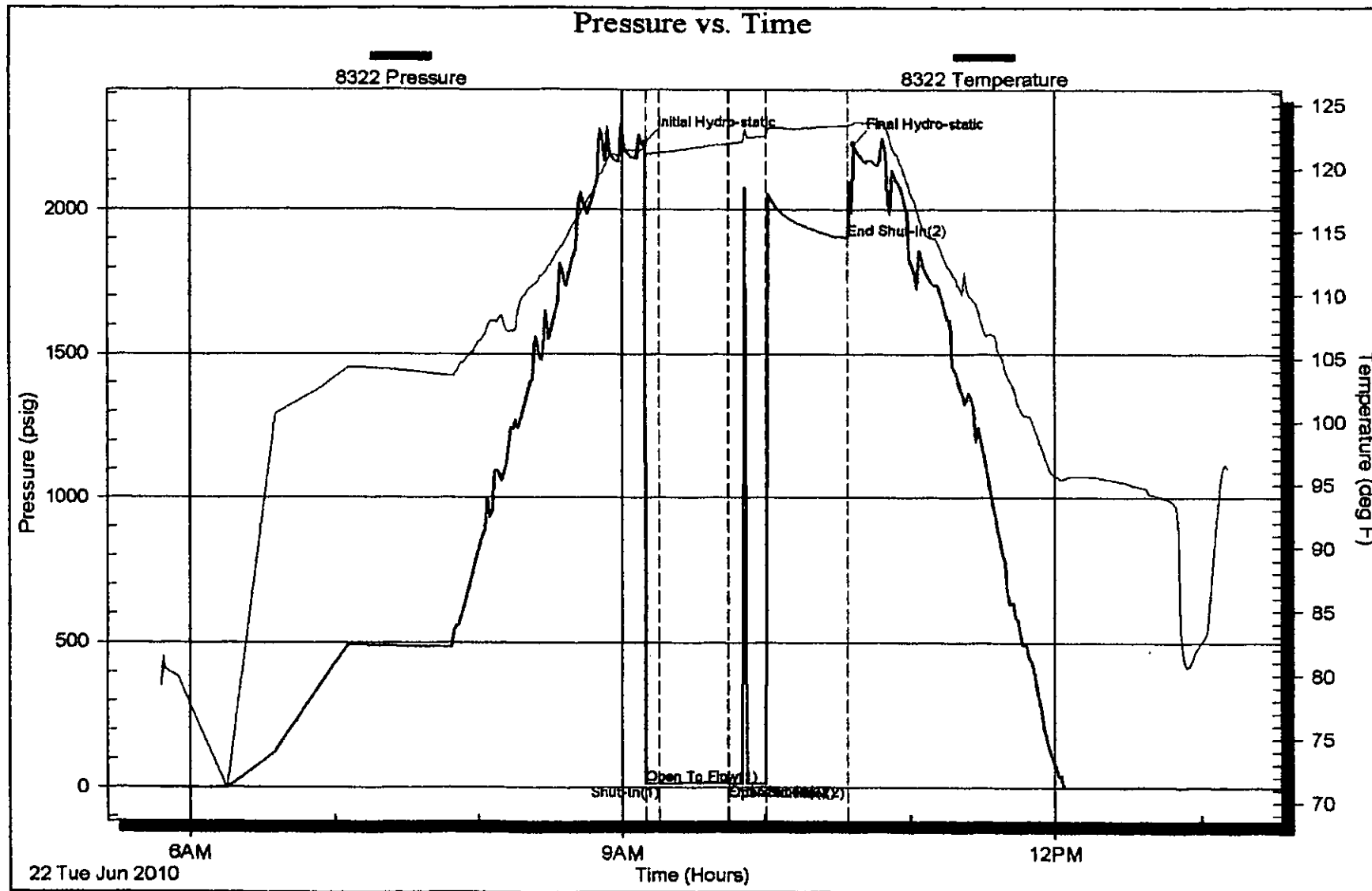
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.71	121.57	Initial Hydro-static
1	13.25	121.23	Open To Flow (1)
6	13.56	121.24	Shut-In (1)
36	17.86	121.86	End Shut-In (1)
36	13.77	121.97	Open To Flow (2)
52	13.24	122.52	Shut-In (2)
85	1901.80	123.42	End Shut-In (2)
88	2228.10	123.59	Final Hydro-static

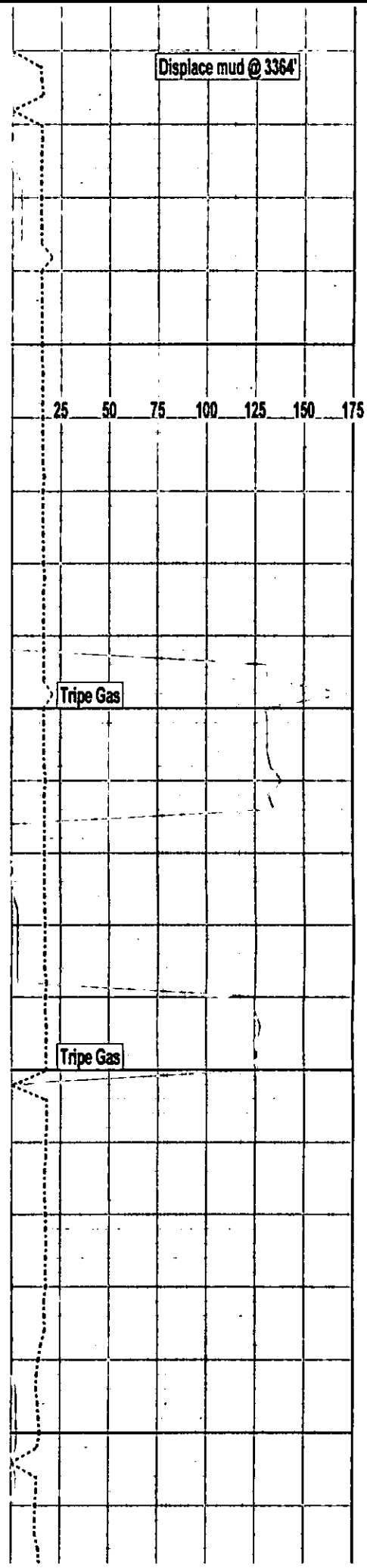
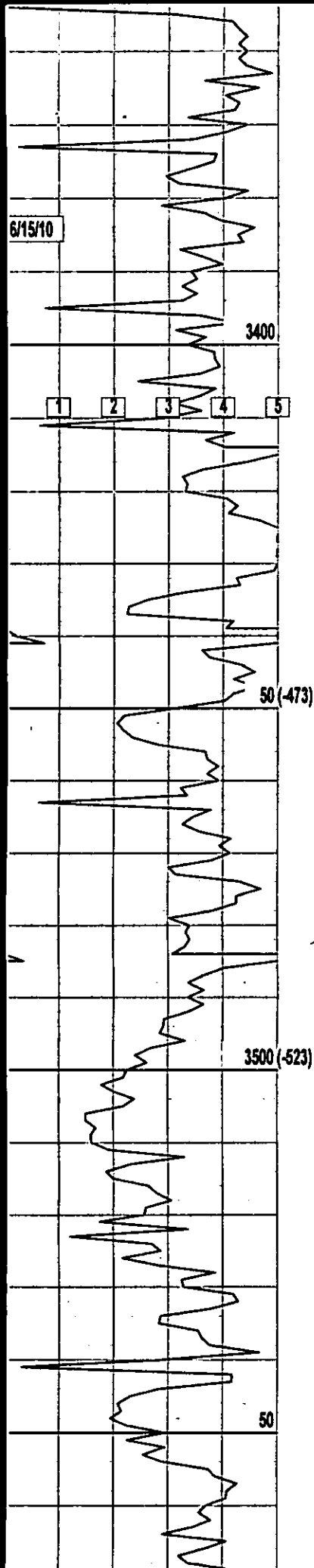
Recovery

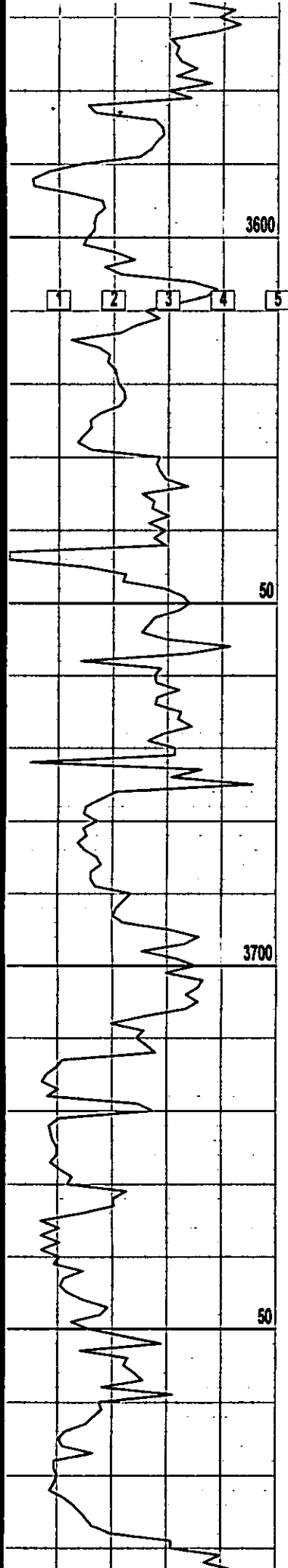
Length (ft)	Description	Volume (bbl)
5.00	M100%m	0.02
0.00	GP = 0	0.00

Gas Rates

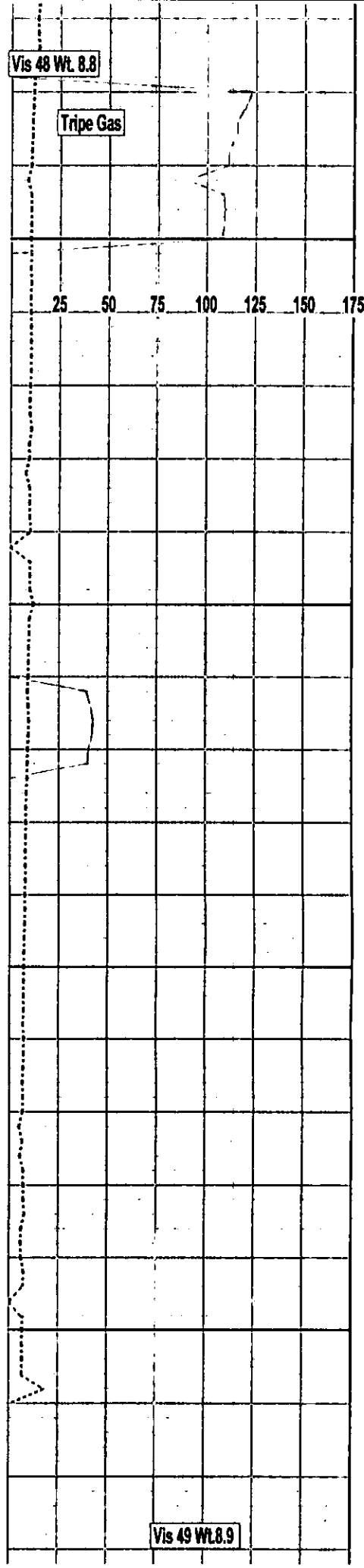
	Choke (inches)	Pressure (psig)	Gas Rate (Mscf/d)

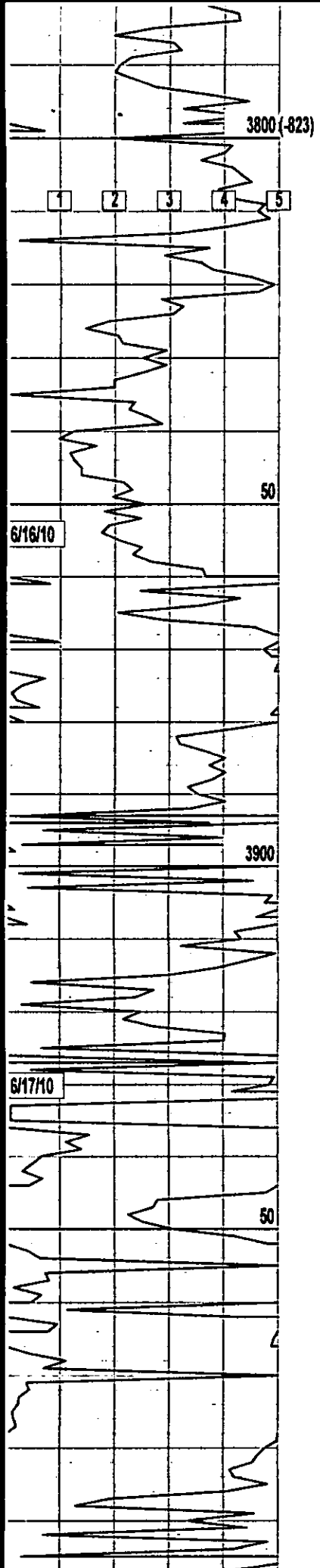






TANAKA 3620 (AR1)
TOPEKA 3632(-655)

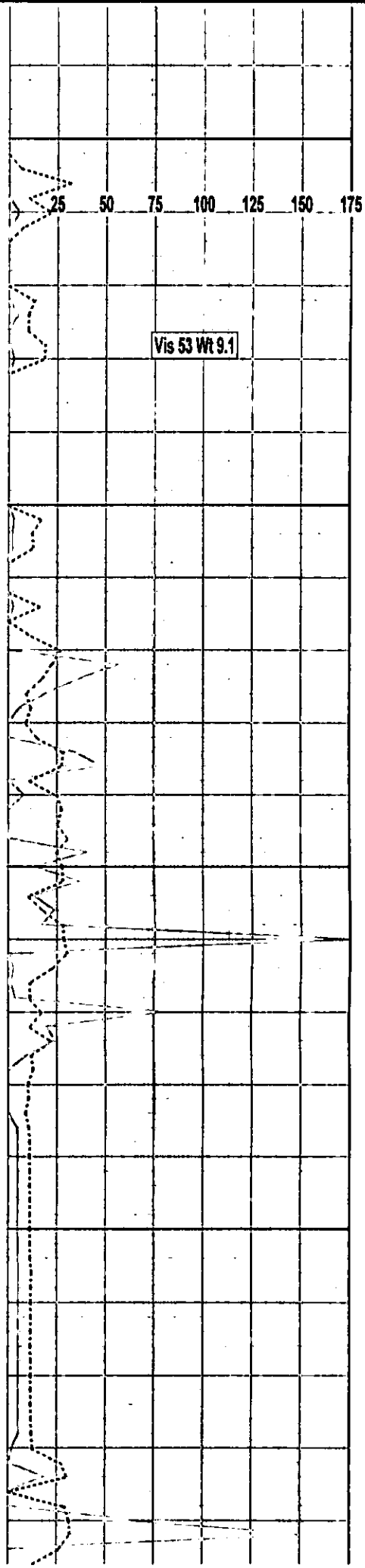


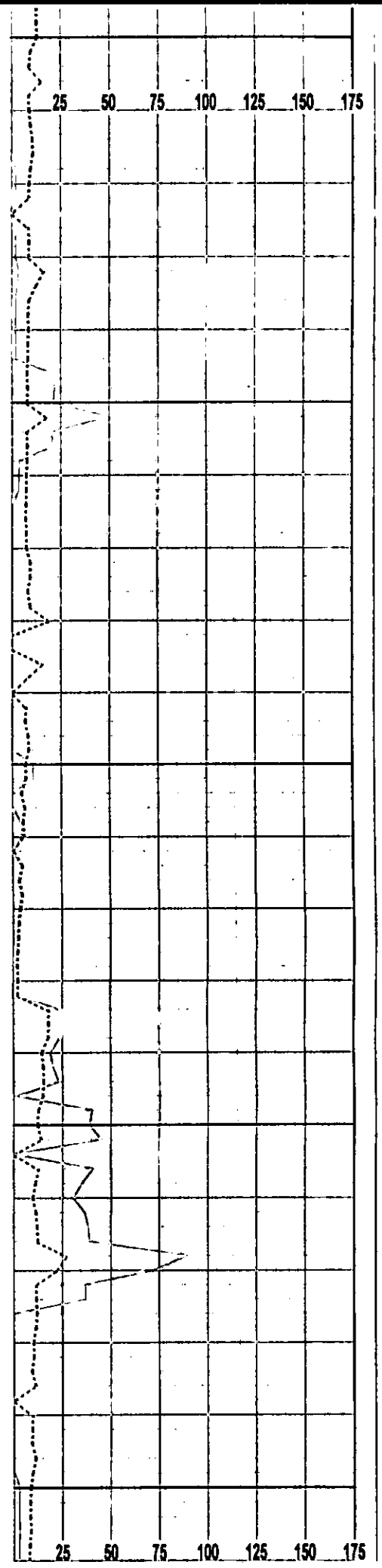
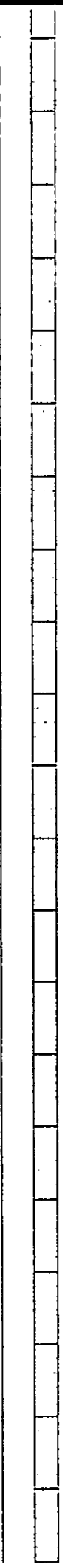
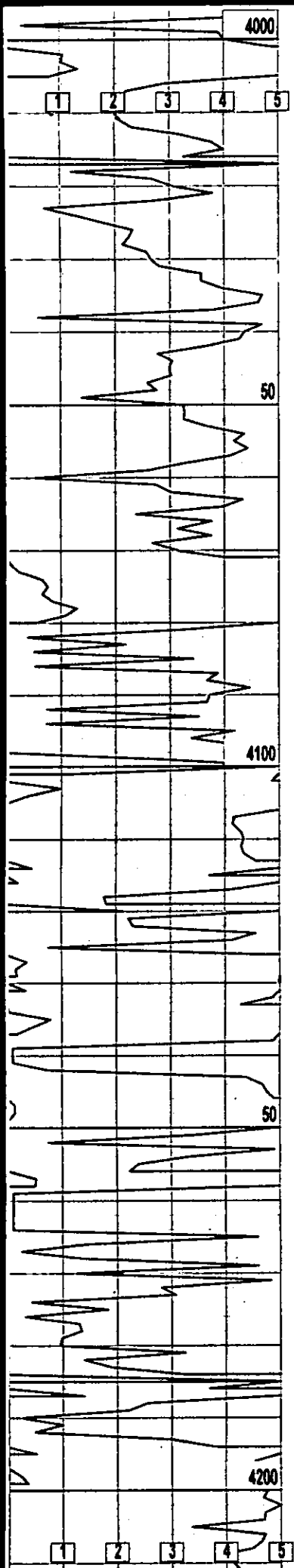


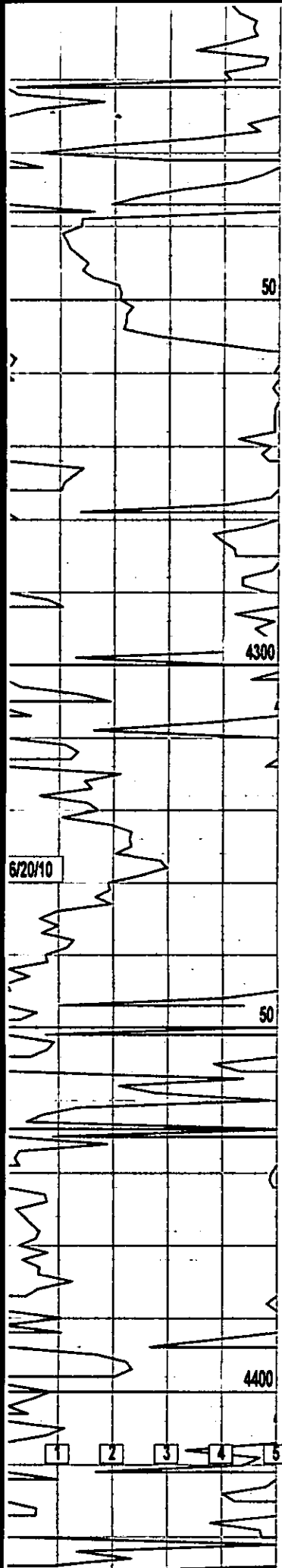
HEEBNER 3858' (-870)

TORONO 3875' (-898)

LANSING 3904' (-927)







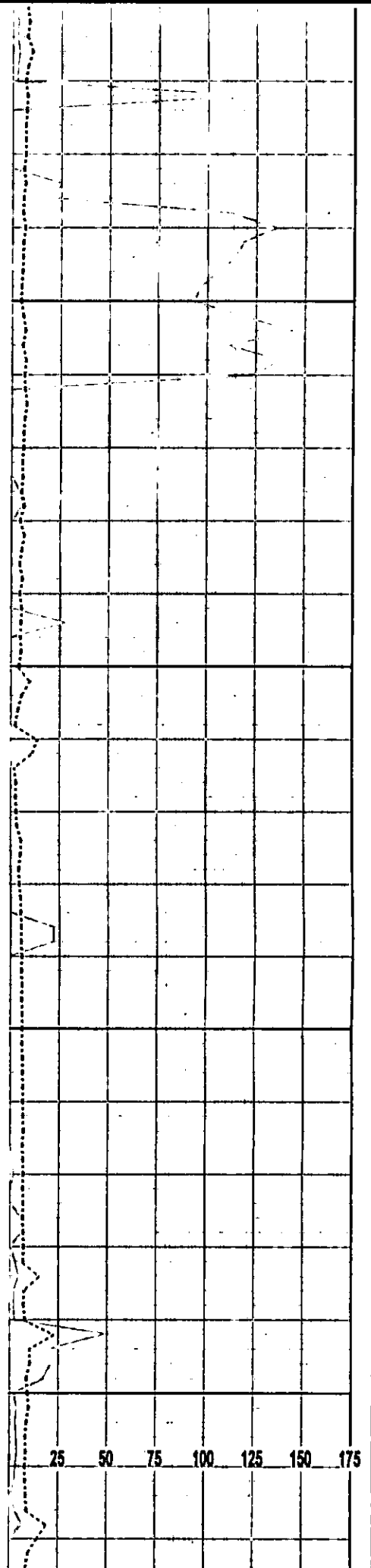
Base of KC 4226' (-1249)

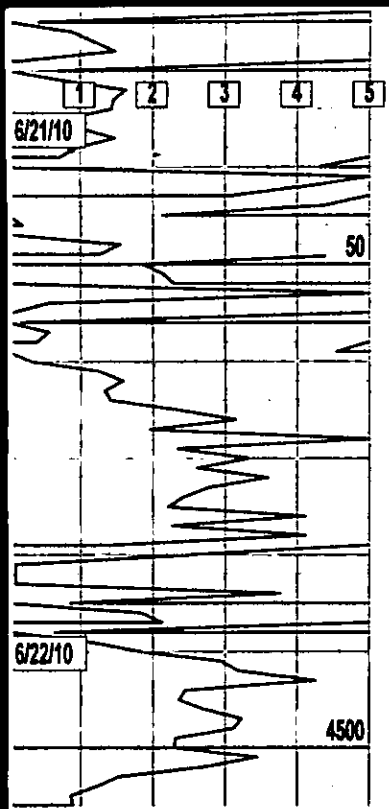
MARMATON 4262' (-1285)

Pawnee 4346' (-1369)

FL SCOTT 4392' (-1405)

CHEROKEE 4404' (-1427)

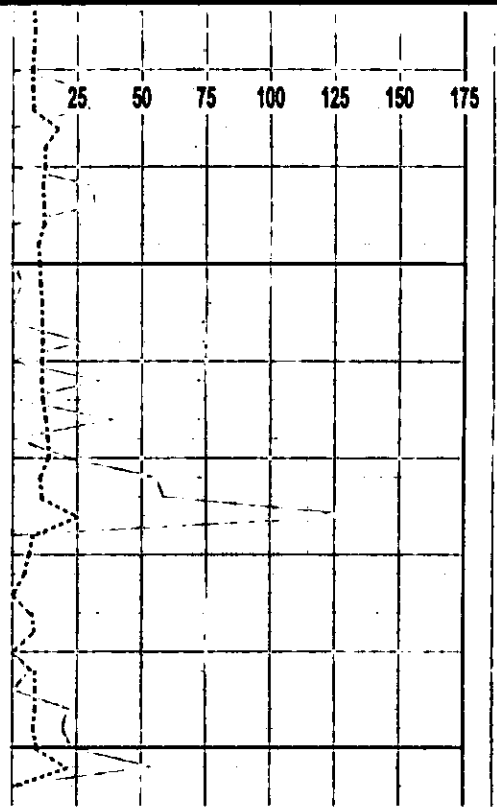


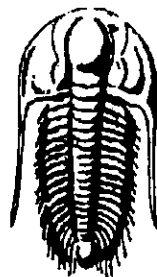


Johnson 4459' (-1482)

MISS. 4492' (-1515)

RTD 4508' LTD 4507'





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 8050
Edmond OK 73083

ATTN: Kevin Bailey

5 13S 33W Logan KS

Lee "C" 1-15

Start Date: 2010.06.16 @ 11:25:42

End Date: 2010.06.16 @ 20:45:12

Job Ticket #: 38754 DST #: 1

KCC
AUG 05 2010
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED
AUG 05 2010
KCC WICHITA

Russell Oil Inc.

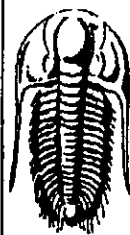
Lee "C" 1-15

5 13S 33W Logan KS

DST # 1

LKC "A,B"

2010.06.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

ATTN: Kevin Bailey

Job Ticket: 38754

DST#: 1

Test Start: 2010.06.16 @ 11:25:42

GENERAL INFORMATION:

Formation: **LKC "A,B"**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 15:22:12

Time Test Ended: 20:45:12

Test Type: **Conventional Bottom Hole**

Tester: **Brett Dickinson**

Unit No: **47**

Interval: **3870.00 ft (KB) To 3934.00 ft (KB) (TVD)**

Total Depth: **3934.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **2977.00 ft (KB)**

2966.00 ft (OF)

KB to GR/CF: **11.00 ft**

Serial #: **8319**

Inside

Press@RunDepth: **626.50 psig @ 3874.00 ft (KB)**

Start Date: **2010.06.16**

End Date:

2010.06.16

Capacity: **8000.00 psig**

Last Calib.: **2010.06.16**

Start Time: **11:25:47**

End Time:

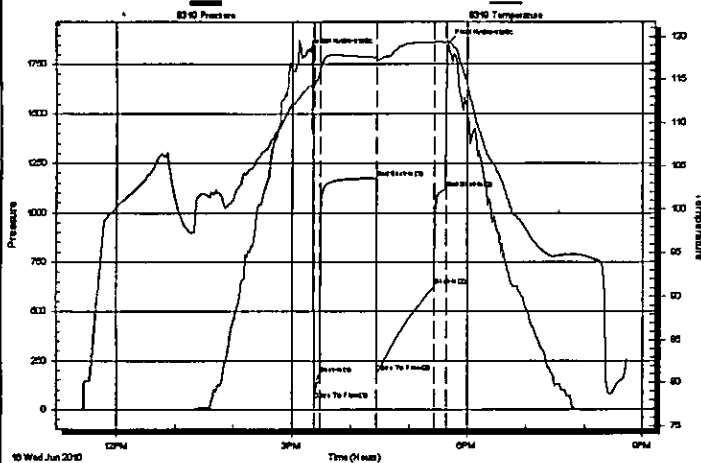
20:45:12

Time On Btm: **2010.06.16 @ 15:14:42**

Time Off Btm: **2010.06.16 @ 17:40:12**

TEST COMMENT: IF-BOB in 4min
ISI-No blow
FF-BOB in 5.5min
FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1814.03	113.87	Initial Hydro-static
8	49.37	114.01	Open To Flow (1)
14	181.93	116.01	Shut-In(1)
72	1173.32	117.57	End Shut-In(1)
73	190.45	117.11	Open To Flow (2)
132	626.50	119.27	Shut-In(2)
143	1119.40	119.35	End Shut-In(2)
146	1860.98	119.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1130.00	VSMCW 15%M 85%W	13.63
120.00	WCM 40%W 60%M	1.68
60.00	VSWCM 85%W 15%M	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lee "C". 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 38754

DST#: 1

ATTN: Kevin Bailey

Test Start: 2010.06.16 @ 11:25:42

Tool Information

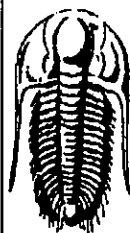
Drill Pipe:	Length: 3610.00 ft	Diameter: 3.80 inches	Volume: 50.64 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: - bbl	Tool Chased ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3870.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	87.00 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			3848.00	
Shut In Tool	5.00			3853.00	
Hydraulic tool	5.00			3858.00	
Safety Joint	3.00			3861.00	
Packer	4.00			3865.00	23.00 Bottom Of Top Packer
Packer	5.00			3870.00	
Stubb	1.00			3871.00	
Perforations	2.00			3873.00	
Change Over Sub	1.00			3874.00	
Recorder	0.00	8319	Inside	3874.00	
Recorder	0.00	6719	Inside	3874.00	
Blank Spacing	31.00			3905.00	
Change Over Sub	1.00			3906.00	
Perforations	25.00			3931.00	
Bullnose	3.00			3934.00	64.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 38754

DST#: 1

ATTN: Kevin Bailey

Test Start: 2010.06.16 @ 11:25:42

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 44.00 sec/qt
Water Loss: 7.17 in³
Resistivity: ohm.m
Salinity: 2400.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 75000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1130.00	VSMCW 15%M 85%W	13.628
120.00	WCM 40%W 60%M	1.683
60.00	VSWCM 85%W 15%M	0.842

Total Length: 1310.00 ft Total Volume: 16.153 bbl

Num Fluid Samples: 0

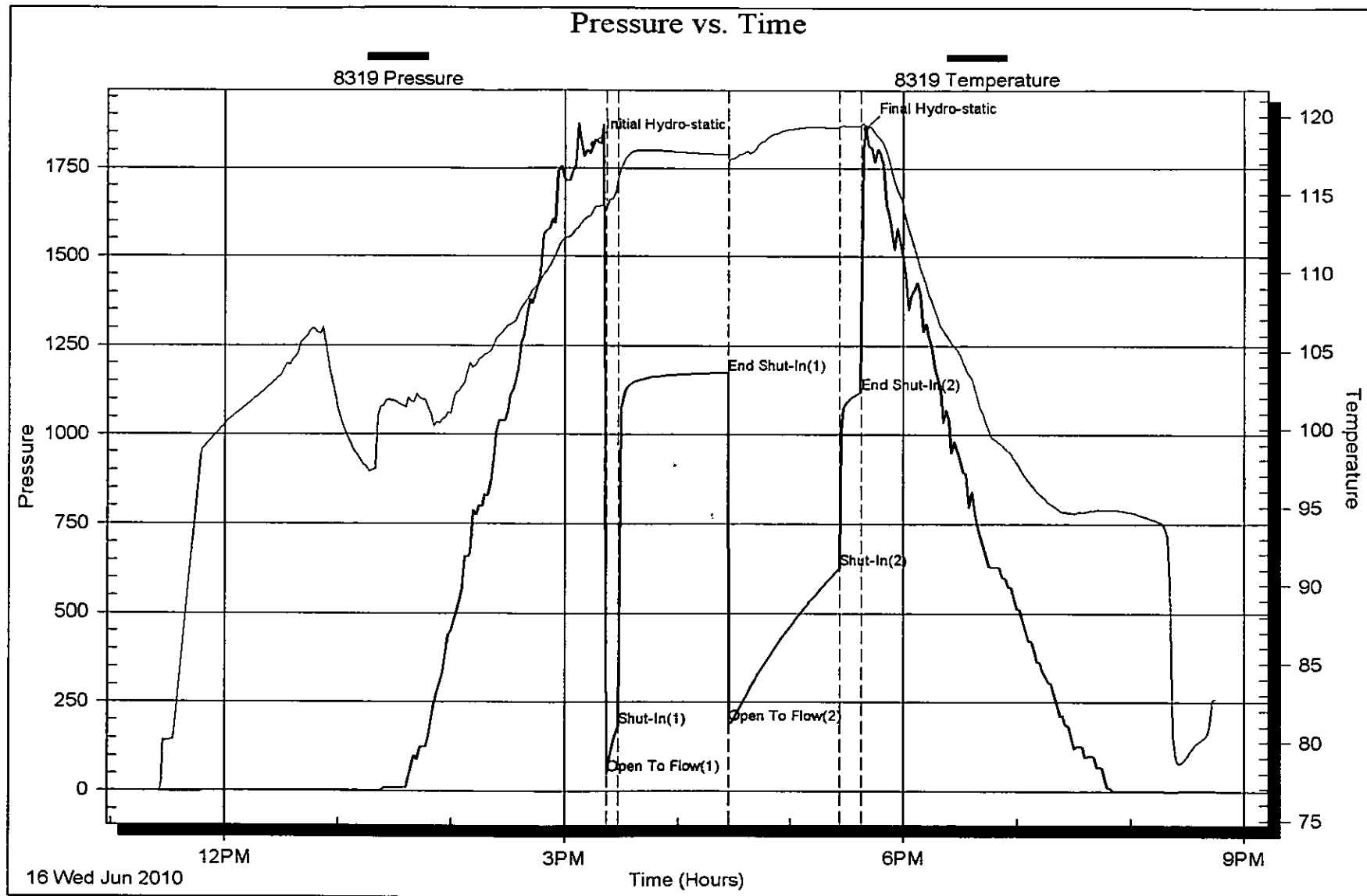
Num Gas Bombs: 0

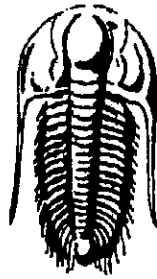
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 8050
Edmond OK 73083

ATTN: Kevin Bailey

5 13S 33W Logan KS

Lee "C" 1-15

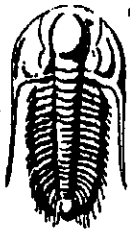
Start Date: 2010.06.18 @ 01:04:36

End Date: 2010.06.18 @ 12:02:06

Job Ticket #: 38755 DST #: 2

RECEIVED
AUG 05 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

Russell Oil Inc.
PO Box 8050
Edmond OK 73083
ATTN: Kevin Bailey

Lee "C" 1-15
5 13S 33W Logan KS
Job Ticket: 38755 DST#: 2
Test Start: 2010.06.18 @ 01:04:36

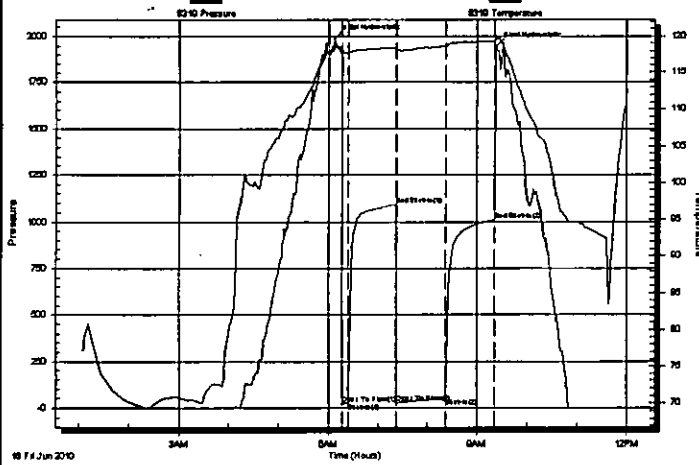
GENERAL INFORMATION:

Formation: **KC**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 06:16:36
 Time Test Ended: 12:02:06
 Interval: **4070.00 ft (KB) To 4140.00 ft (KB) (TVD)**
 Total Depth: **4140.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition:
 Test Type: **Conventional Bottom Hole**
 Tester: **Brett Dickinson**
 Unit No: **47**
 Reference Elevations: **2977.00 ft (KB)**
2966.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 8319 **Inside**
 Press@RunDepth: **52.17 psig @ 4080.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.06.18** End Date: **2010.06.18** Last Calib.: **2010.06.18**
 Start Time: **01:04:41** End Time: **12:02:06** Time On Btrm: **2010.06.18 @ 06:07:06**
 Time Off Btrm: **2010.06.18 @ 09:22:36**

TEST COMMENT: IF-1/4in blow
 ISI-No blow
 FF-No blow
 FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

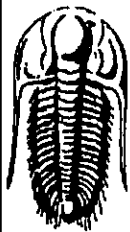
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1990.09	118.34	Initial Hydro-static
10	21.24	117.88	Open To Flow (1)
16	25.26	117.71	Shut-In(1)
75	1092.02	118.48	End Shut-In(1)
76	27.22	118.20	Open To Flow (2)
135	52.17	118.72	Shut-In(2)
194	1007.92	119.35	End Shut-In(2)
196	1946.31	119.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Oilcum Mud	0.34

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 38755

DST#: 2

ATTN: Kevin Bailey

Test Start: 2010.06.18 @ 01:04:36

Tool Information

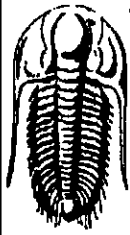
Drill Pipe:	Length: 3833.00 ft	Diameter: 3.80 inches	Volume: 53.77 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Full Loose: 75000.00 lb
			Total Volume: - bbl	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4070.00 ft			Final 68000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4048.00	
Shut In Tool	5.00			4053.00	
Hydraulic tool	5.00			4058.00	
Safety Joint	3.00			4061.00	
Packer	4.00			4065.00	23.00 Bottom Of Top Packer
Packer	5.00			4070.00	
Stubb	1.00			4071.00	
Perforations	8.00			4079.00	
Change Over Sub	1.00			4080.00	
Recorder	0.00	8319	Inside	4080.00	
Recorder	0.00	6719	Inside	4080.00	
Blank Spacing	31.00			4111.00	
Change Over Sub	1.00			4112.00	
Perforations	25.00			4137.00	
Bullnose	3.00			4140.00	70.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 38755

DST#: 2

ATTN: Kevin Bailey

Test Start: 2010.06.18 @ 01:04:36

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Oilscum Mud	0.344

Total Length: 70.00 ft

Total Volume: 0.344 bbl

Num Fluid Samples: 0

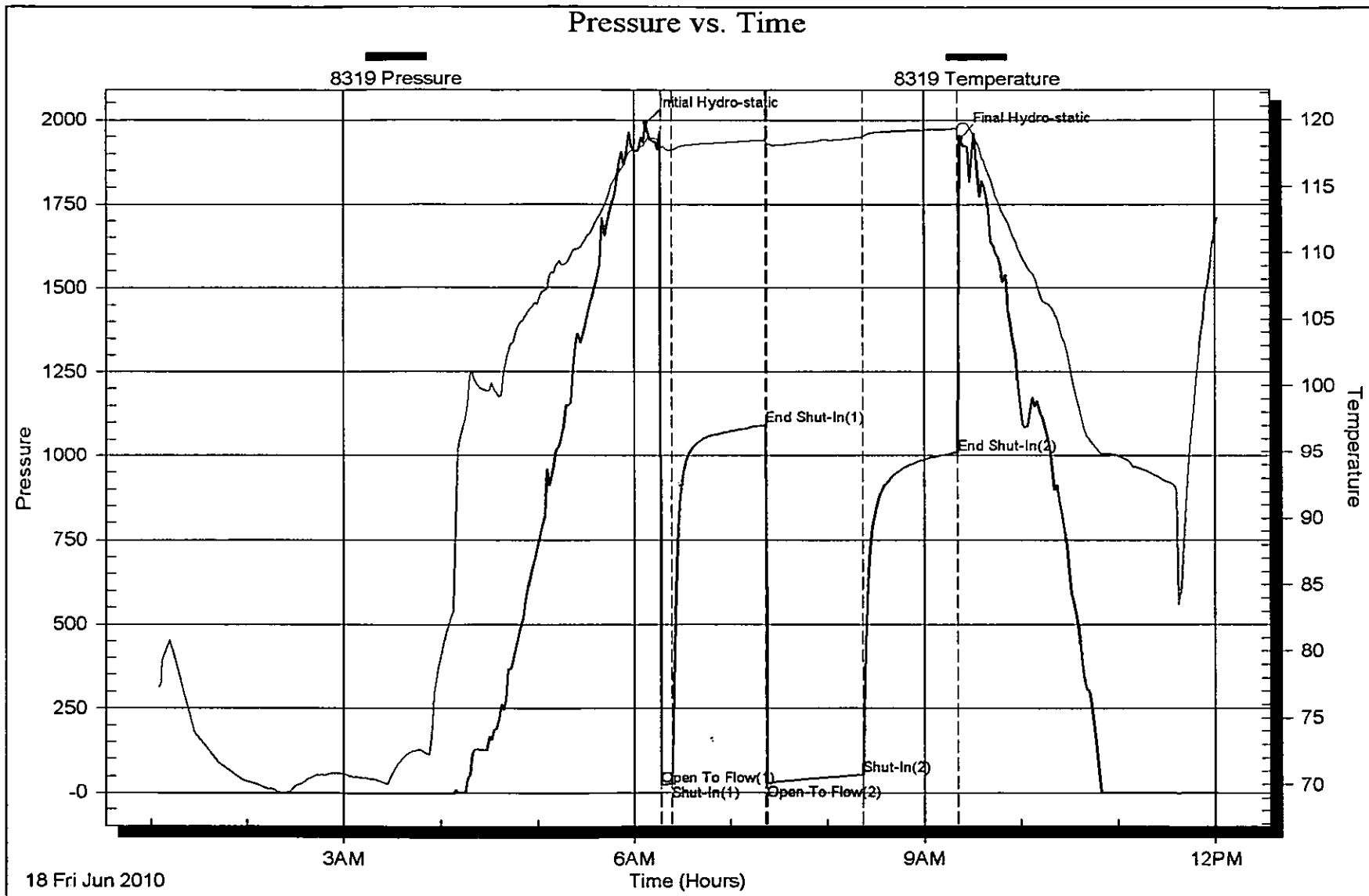
Num Gas Bombs: 0

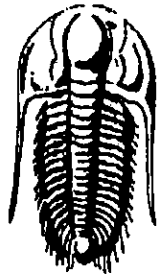
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 8050
Edmond OK 73083

ATTN: Kevin Bailey

5 13S 33W Logan KS

Lee "C" 1-15

Start Date: 2010.06.18 @ 17:25:27

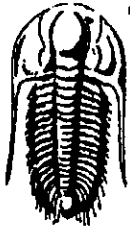
End Date: 2010.06.19 @ 02:42:57

Job Ticket #: 38756 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

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 38756

DST#: 3

ATTN: Kevin Bailey

Test Start: 2010.06.18 @ 17:25:27

GENERAL INFORMATION:

Formation: **KC**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 20:40:27
 Time Test Ended: 02:42:57

Test Type: **Conventional Bottom Hole**
 Tester: **Brett Dickinson**
 Unit No: **47**

Interval: **4070.00 ft (KB) To 4140.00 ft (KB) (TVD)**
 Total Depth: **4140.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **2977.00 ft (KB)**
2966.00 ft (CF)
 KB to GR/CF: **11.00 ft**

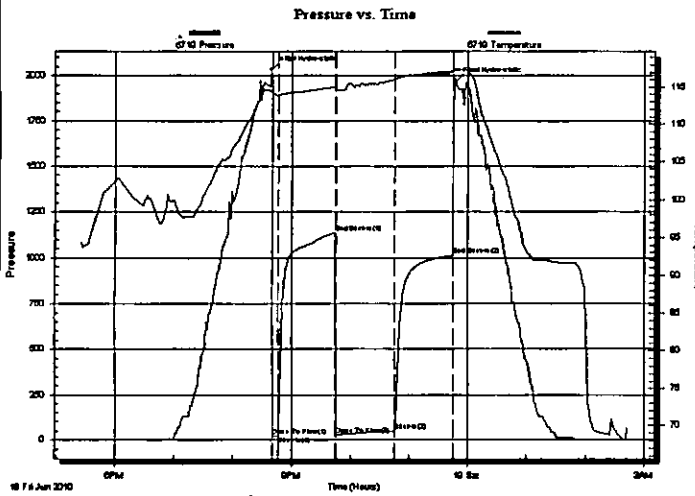
Serial #: **6719**

Inside

Press@RunDepth: **50.91 psig @ 4080.00 ft (KB)**
 Start Date: **2010.06.18** End Date: **2010.06.19**
 Start Time: **17:25:32** End Time: **02:42:57**

Capacity: **8000.00 psig**
 Last Calib.: **2010.06.19**
 Time On Btm: **2010.06.18 @ 20:38:57**
 Time Off Btm: **2010.06.18 @ 23:47:57**

TEST COMMENT: IF-1/4in blow
 IS-no blow
 FF-no blow
 FSI-no blow



PRESSURE SUMMARY

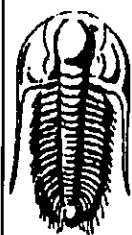
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2033.29	114.47	Initial Hydro-static
2	20.30	113.87	Open To Flow (1)
7	23.83	113.88	Shut-In(1)
66	1136.84	115.08	End Shut-In(1)
66	26.52	114.76	Open To Flow (2)
127	50.91	116.03	Shut-In(2)
187	1012.67	117.04	End Shut-In(2)
189	1969.90	117.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oilscum mud	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 38756

DST#: 3

ATTN: Kevin Bailey

Test Start: 2010.06.18 @ 17:25:27

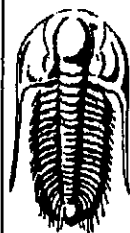
Tool Information

Drill Pipe:	Length: 3833.00 ft	Diameter: 3.80 inches	Volume: 53.77 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Full Loose: 80000.00 lb
			<u>Total Volume: 54.97 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4070.00 ft			Final 68000.00 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
Change Over Sub	1.00			4048.00	
Shut In Tool	5.00			4053.00	
Hydraulic tool	5.00			4058.00	
Safety Joint:	3.00			4061.00	
Packer	4.00			4065.00	23.00 Bottom Of Top Packer
Packer	5.00			4070.00	
Stubb	1.00			4071.00	
Perforations	8.00			4079.00	
Change Over Sub	1.00			4080.00	
Recorder	0.00	8319	Inside	4080.00	
Recorder	0.00	6719	Inside	4080.00	
Blank Spacing	31.00			4111.00	
Change Over Sub	1.00			4112.00	
Perforations	25.00			4137.00	
Bullnose	3.00			4140.00	70.00 Bottom Packers & Anchor

Total Tool Length: 93.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 38756

DST#: 3

ATTN: Kevin Bailey

Test Start: 2010.06.18 @ 17:25:27

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 7.17 in³
Resistivity: ohm.m
Salinity: 3200.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Oilscum mud	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

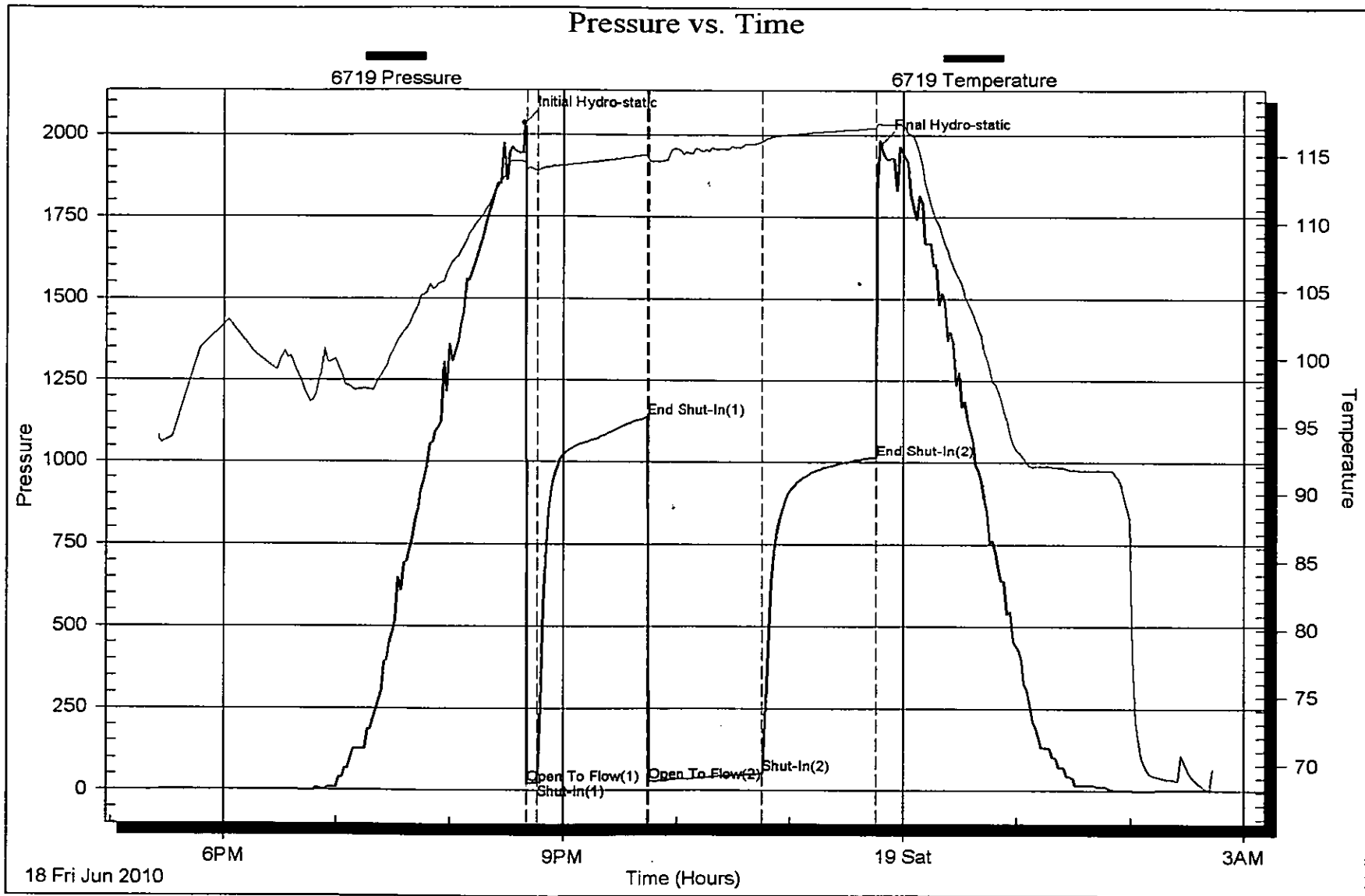
Num Gas Bombs: 0

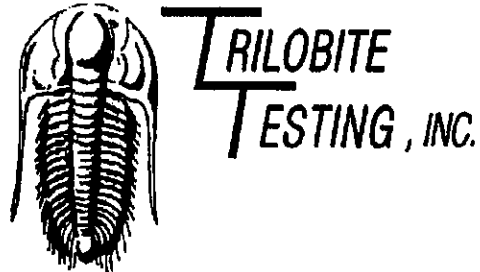
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 8050
Edmond OK 73083

ATTN: Kevin Bailey

5 13S 33W Logan KS

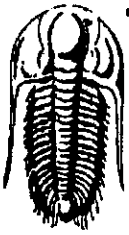
Lee "C" 1-15

Start Date: 2010.06.20 @ 16:15:05

End Date: 2010.06.20 @ 22:23:59

Job Ticket #: 37899 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.
PO Box 8050
Edmond OK 73083
ATTN: Kevin Bailey

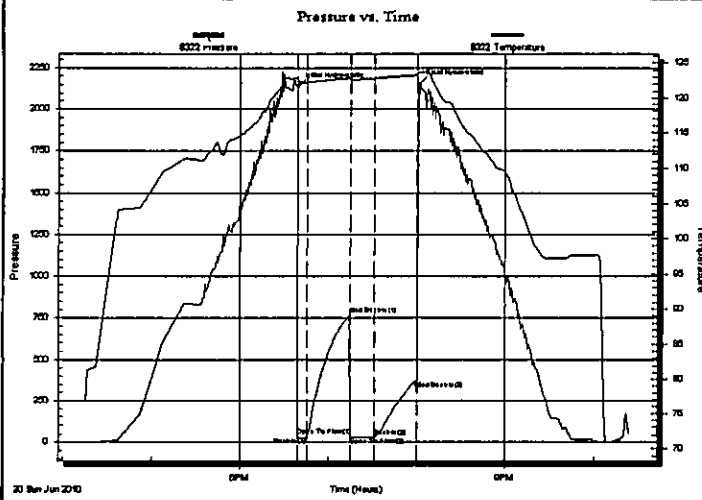
Lee "C" 1-15
5 13S 33W Logan KS
Job Ticket: 37899 DST#: 4
Test Start: 2010.06.20 @ 16:15:05

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 18:39:15
 Time Test Ended: 22:23:59
 Interval: **4330.00 ft (KB) To 4440.00 ft (KB) (TVD)**
 Total Depth: **4440.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Brandon Dorsch
 Unit No: 48
 Reference Elevations: 2977.00 ft (KB)
 2966.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8322 Inside
 Press@RunDepth: 32.29 psig @ 4331.00 ft (KB)
 Start Date: 2010.06.20 End Date: 2010.06.20
 Start Time: 16:15:05 End Time: 22:23:59
 Capacity: 8000.00 psig
 Last Calib.: 2010.06.20
 Time On Btm: 2010.06.20 @ 18:39:00
 Time Off Btm: 2010.06.20 @ 20:01:15

TEST COMMENT: IF: 1/4 inch died back to a weak surface.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

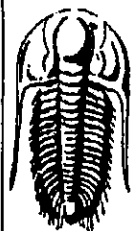
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.78	122.82	Initial Hydro-static
1	34.01	121.70	Open To Flow (1)
7	28.83	122.23	Shut-In(1)
36	768.72	122.84	End Shut-In(1)
36	30.61	122.66	Open To Flow (2)
53	32.29	122.79	Shut-In(2)
81	318.93	123.22	End Shut-In(2)
83	2153.13	123.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mw /O spots 100% m	0.01
0.00	GIP = 0	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 37899

DST#: 4

ATTN: Kevin Bailey

Test Start: 2010.06.20 @ 16:15:05

Tool Information

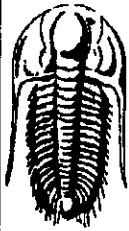
Drill Pipe:	Length: 4082.00 ft	Diameter: 3.80 inches	Volume: 57.26 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4330.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	110.00 ft			
Tool Length:	133.00 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			4308.00	
Shut In Tool	5.00			4313.00	
Hydraulic tool	5.00			4318.00	
Safety Joint	3.00			4321.00	
Packer.	5.00			4326.00	23.00 Bottom Of Top Packer
Packer	4.00			4330.00	
Stubb	1.00			4331.00	
Recorder	0.00	8322	Inside	4331.00	
Recorder	0.00	8166	Inside	4331.00	
Perforations	11.00			4342.00	
Change Over Sub	1.00			4343.00	
Drill Pipe	93.00			4436.00	
Change Over Sub	1.00			4437.00	
Bullnose	3.00			4440.00	110.00 Bottom Packers & Anchor

Total Tool Length: 133.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 37899

DST#: 4

ATTN: Kevin Bailey

Test Start: 2010.06.20 @ 16:15:05

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mw/O spots 100% _m	0.015
0.00	GIP=0	0.000

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

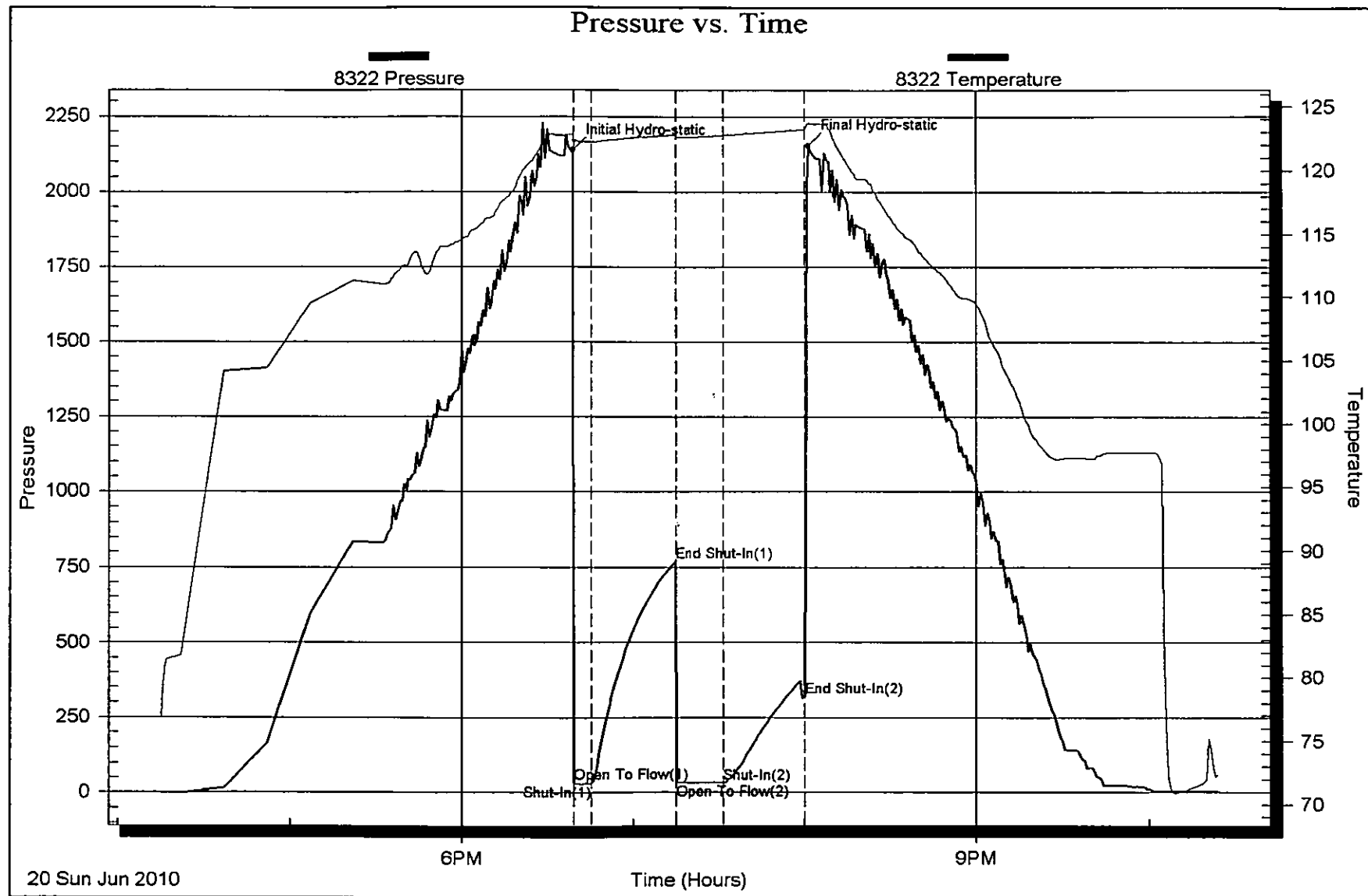
Num Gas Bombs: 0

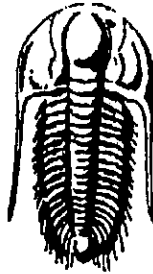
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 8050
Edmond OK 73083

ATTN: Kevin Bailey

5 13S 33W Logan KS

Lee "C" 1-15

Start Date: 2010.06.21 @ 12:10:05

End Date: 2010.06.21 @ 18:06:44

Job Ticket #: 37900 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

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 37900

DST#: 5

ATTN: Kevin Bailey

Test Start: 2010.06.21 @ 12:10:05

GENERAL INFORMATION:

Formation: **Cherokee - Johnson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 14:19:45

Time Test Ended: 18:06:44

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Domsch**

Unit No: **48**

Interval: **4438.00 ft (KB) To 4483.00 ft (KB) (TVD)**

Total Depth: **4483.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2977.00 ft (KB)**

2966.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **8322**

Inside

Press@RunDepth: **19.60 psig @ 4439.00 ft (KB)**

Start Date: **2010.06.21**

End Date:

2010.06.21

Capacity: **8000.00 psig**

Last Calib.: **2010.06.21**

Start Time: **12:10:05**

End Time:

18:06:44

Time On Btm: **2010.06.21 @ 14:19:30**

Time Off Btm: **2010.06.21 @ 15:46:00**

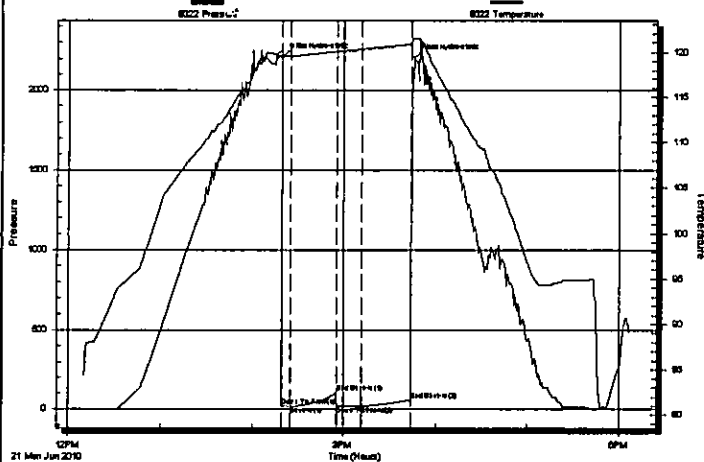
TEST COMMENT: IF: Weak Surface blow died in 3 mins.

IS: No return.

FF: No blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

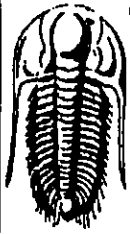
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.45	120.07	Initial Hydro-static
1	19.04	119.17	Open To Flow (1)
6	19.53	119.53	Shut-In(1)
36	102.35	120.05	End Shut-In(1)
36	19.71	120.04	Open To Flow (2)
53	19.60	120.32	Shut-In(2)
85	56.60	120.85	End Shut-In(2)
87	2206.60	121.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	SOCM 3%o 97% m	0.00
0.00	GIP = 0	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 37900

DST#: 5

ATTN: Kevin Bailey

Test Start: 2010.06.21 @ 12:10:05

Tool Information

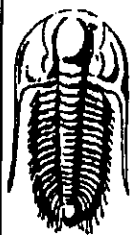
Drill Pipe:	Length: 4178.00 ft	Diameter: 3.80 inches	Volume: 58.61 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4438.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	68.00 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			4416.00	
Shut In Tool	5.00			4421.00	
Hydraulic tool	5.00			4426.00	
Safety Joint	3.00			4429.00	
Packer	5.00			4434.00	23.00 Bottom Of Top Packer
Packer	4.00			4438.00	
Stubb	1.00			4439.00	
Recorder	0.00	8322	Inside	4439.00	
Recorder	0.00	8166	Inside	4439.00	
Perforations	41.00			4480.00	
Bullnose	3.00			4483.00	45.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 37900

DST#: 5

ATTN: Kevin Bailey

Test Start: 2010.06.21 @ 12:10:05

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 63.00 sec/qt
Water Loss: 8.77 in³
Resistivity: 0.00 ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	SOCM 3%o 97% m	0.005
0.00	GIP = 0	0.000

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

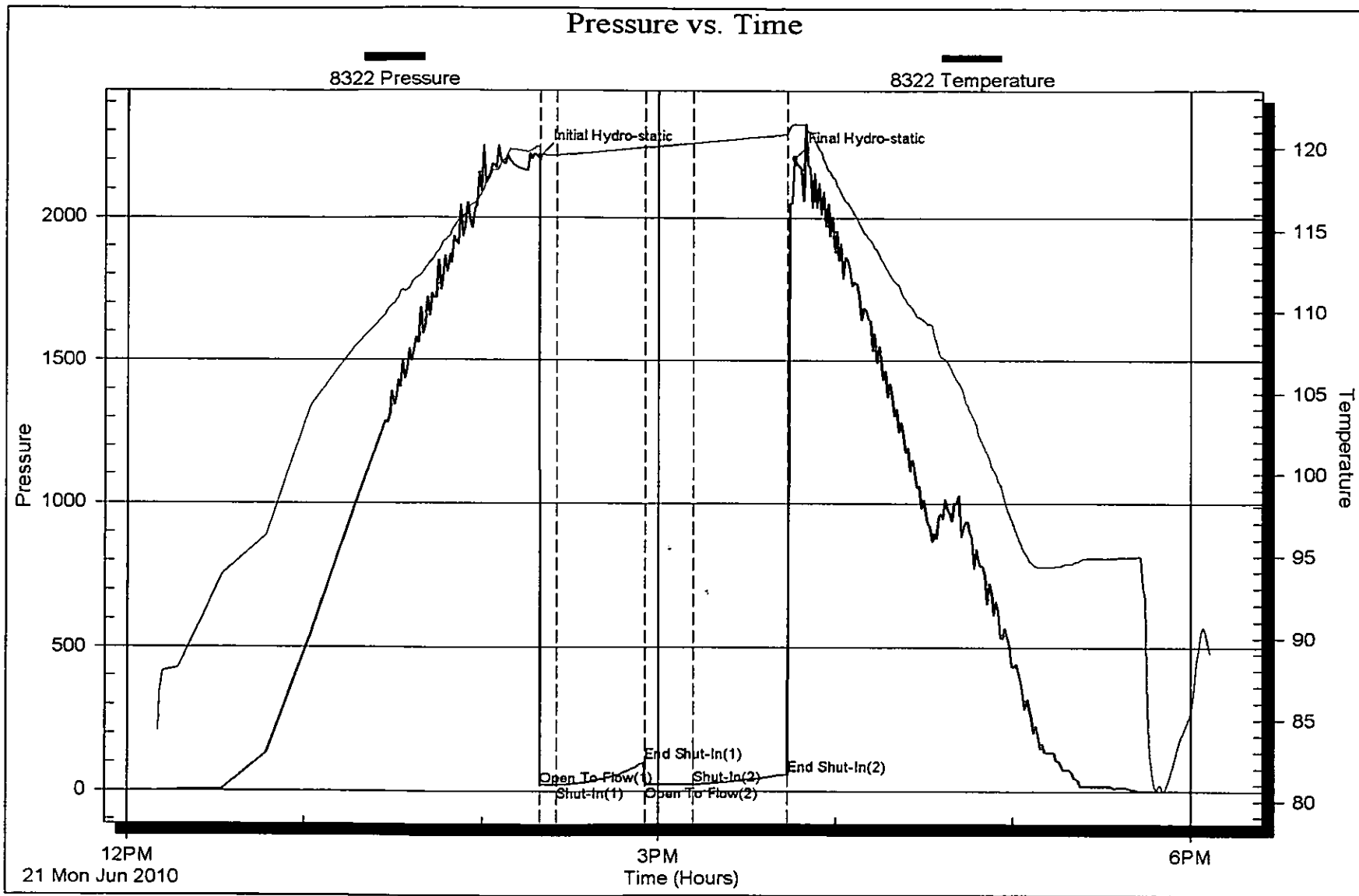
Num Gas Bombs: 0

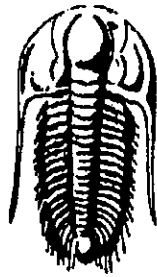
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 8050
Edmond OK 73083

ATTN: Kevin Bailey

5 13S 33W Logan KS

Lee "C" 1-15

Start Date: 2010.06.22 @ 03:52:47

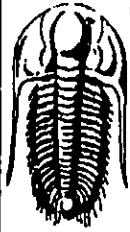
End Date: 2010.06.22 @ 11:15:11

Job Ticket #: 39176 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 39176

DST#: 6

ATTN: Kevin Bailey

Test Start: 2010.06.22 @ 03:52:47

GENERAL INFORMATION:

Formation: **Miss. LMS**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 07:13:57
 Time Test Ended: 11:15:11

Test Type: **Conventional Bottom Hole**
 Tester: **Brandon Dorsch**
 Unit No: **48**

Interval: **4483.00 ft (KB) To 4508.00 ft (KB) (TVD)**
 Total Depth: **4508.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2977.00 ft (KB)**
2966.00 ft (CF)
 KB to GR/CF: **11.00 ft**

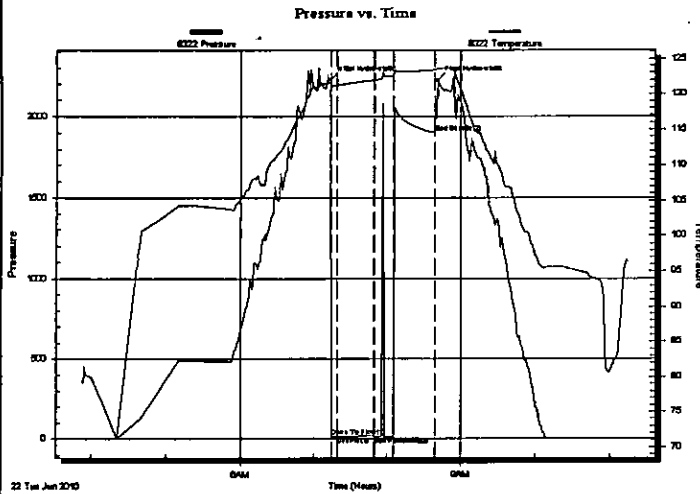
Serial #: 8322

Inside

Press@RunDepth: **13.24 psig @ 4484.00 ft (KB)**
 Start Date: **2010.06.22** End Date: **2010.06.22**
 Start Time: **03:52:47** End Time: **11:15:11**

Capacity: **8000.00 psig**
 Last Calib.: **2010.06.28**
 Time On Btm: **2010.06.22 @ 07:13:42**
 Time Off Btm: **2010.06.22 @ 08:40:57**

TEST COMMENT: IF: Weak surface for 1 min.
 IS: No return.
 FF: No blow, flushed @ 5 mins, no blow.
 FS: No return.



PRESSURE SUMMARY

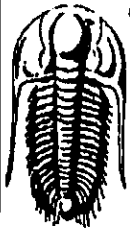
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.71	121.57	Initial Hydro-static
1	13.25	121.23	Open To Flow (1)
6	13.84	121.22	End Shut-In(1)
36	17.84	121.95	End Shut-In(1)
36	13.77	121.97	Open To Flow (2)
52	13.24	122.52	Shut-In(2)
85	1901.80	123.42	End Shut-In(2)
88	2226.10	123.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100% m	0.02
0.00	GIP = 0	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 39176

DST#: 6

ATTN: Kevin Bailey

Test Start: 2010.06.22 @ 03:52:47

Tool Information

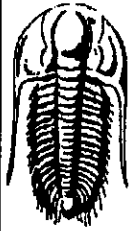
Drill Pipe:	Length: 4240.00 ft	Diameter: 3.80 inches	Volume: 59.48 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 60.67 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4483.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	48.00 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			4461.00	
Shut In Tool	5.00			4466.00	
Hydraulic tool	5.00			4471.00	
Safety Joint	3.00			4474.00	
Packer	5.00			4479.00	23.00 Bottom Of Top Packer
Packer	4.00			4483.00	
Stubb	1.00			4484.00	
Recorder	0.00	8322	Inside	4484.00	
Recorder	0.00	8166	Inside	4484.00	
Perforations	21.00			4505.00	
Bullnose	3.00			4508.00	25.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lee "C" 1-15

PO Box 8050
Edmond OK 73083

5 13S 33W Logan KS

Job Ticket: 39176

DST#: 6

ATTN: Kevin Bailey

Test Start: 2010.06.22 @ 03:52:47

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100% m	0.025
0.00	GIP = 0	0.000

Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

