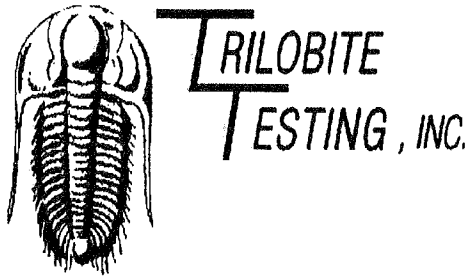


36-10s-23w

36-10s-23w
52 NE



DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield IL 60544

RECEIVED
KANSAS CORPORATION COMMISSION

ATTN: Todd Morgenstern

MAY 18 2007

36 10S 23W Graham KS

CONSERVATION DIVISION
WICHITA, KS

McCall #2-36

Start Date: 2006.11.22 @ 03:23:58

End Date: 2006.11.22 @ 09:35:58

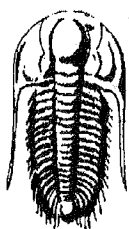
Job Ticket #: 27401 DST #: 1

15-065-23245

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc

PO Box 1469
Plainfield IL 60544

ATTN: Todd Morgenstern

McCall #2-36

36 10S 23W Graham KS

Job Ticket: 27401

DST#: 1

Test Start: 2006.11.22 @ 03:23:58

GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:18:48

Time Test Ended: 09:35:58

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3552.00 ft (KB) To 3576.00 ft (KB) (TVD)**

Total Depth: 3576.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2263.00 ft (KB)

2258.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8289 Inside

Press@RunDepth: 47.12 psig @ 3553.00 ft (KB)

Start Date: 2006.11.22

End Date:

2006.11.22

Start Time: 03:24:03

End Time:

09:35:57

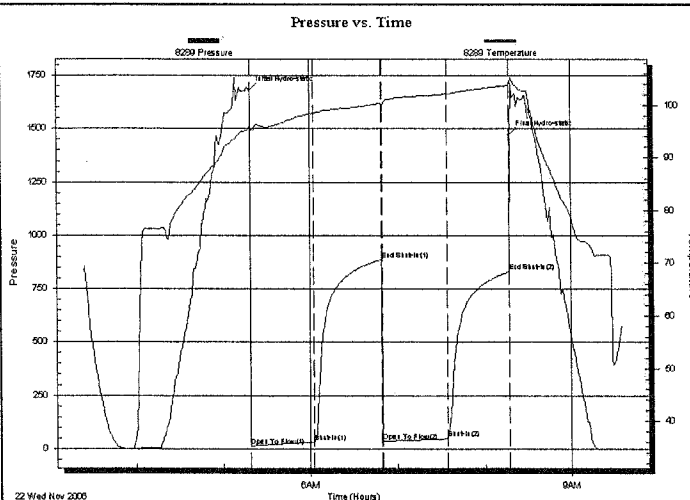
Capacity: 7000.00 psig

Last Calib.: 2006.11.22

Time On Btm: 2006.11.22 @ 05:18:38

Time Off Btm: 2006.11.22 @ 08:17:08

TEST COMMENT: IFP Weak surface blow built to 1.5 "
ISI No blow back
FFP Weak surface blow built to 1 "
FSI No blow back



PRESSURE SUMMARY

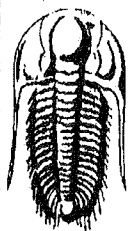
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1685.04	95.76	Initial Hydro-static
1	11.02	94.83	Open To Flow (1)
45	31.61	98.45	Shut-In(1)
91	888.34	100.30	End Shut-In(1)
91	33.70	99.97	Open To Flow (2)
135	47.12	102.12	Shut-In(2)
179	831.24	103.77	End Shut-In(2)
179	1472.84	104.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MW 40%M 60%W	0.15
60.00	MW 15%M 85%W	0.30

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

McCall #2-36

PO Box 1469
Plainfield IL 60544

36 10S 23W Graham KS

Job Ticket: 27401

DST#: 1

ATTN: Todd Morgenstern

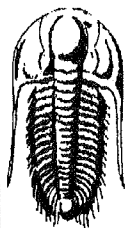
Test Start: 2006.11.22 @ 03:23:58

Tool Information

Drill Pipe:	Length:	3232.00 ft	Diameter:	3.82 inches	Volume:	45.81 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	314.00 ft	Diameter:	2.25 inches	Volume:	1.54 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	47.35 bbl	Tool Chased	4.00 ft
Drill Pipe Above KB:		15.00 ft					String Weight: Initial	39000.00 lb
Depth to Top Packer:		3552.00 ft					Final	42000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		24.00 ft						
Tool Length:		45.00 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			3532.00	
Shut In Tool	5.00			3537.00	
Hydraulic tool	5.00			3542.00	
Packer	5.00			3547.00	21.00 Bottom Of Top Packer
Packer	5.00			3552.00	
Stubb	1.00			3553.00	
Recorder	0.00	8289	Inside	3553.00	
Perforations	20.00			3573.00	
Recorder	0.00	3351	Inside	3573.00	
Bullnose	3.00			3576.00	24.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

McCall #2-36

PO Box 1469
Plainfield IL 60544

36 10S 23W Graham KS

Job Ticket: 27401

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2006.11.22 @ 03:23:58

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MW 40%M 60%W	0.148
60.00	MW 15%M 85%W	0.295

Total Length: 90.00 ft

Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

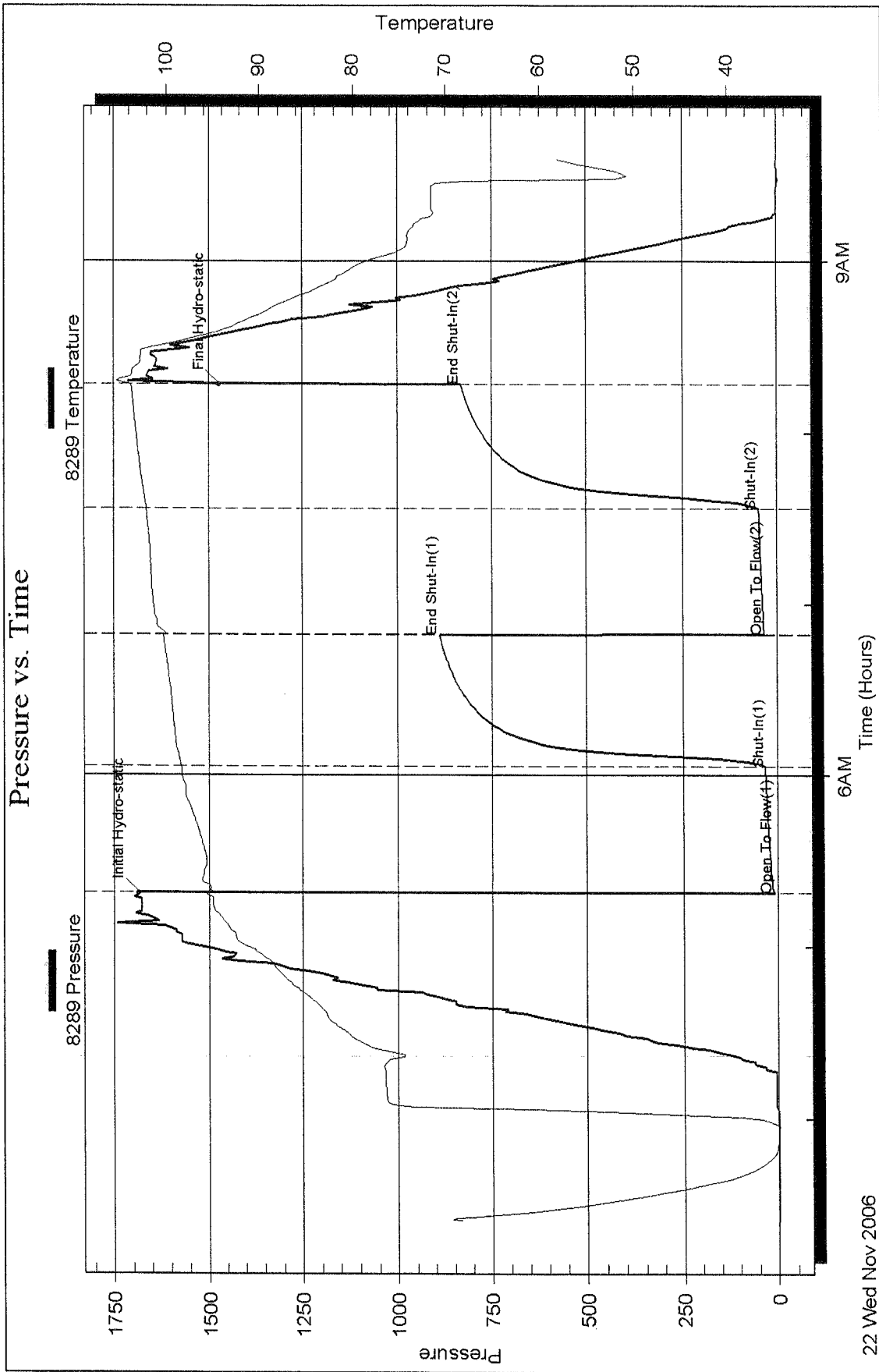
Serial #:

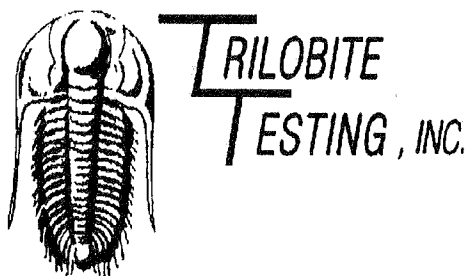
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield IL 60544

ATTN: Todd Morgenstern

36 10S 23W Graham KS

McCall #2-36

Start Date: 2006.11.22 @ 23:23:54

End Date: 2006.11.23 @ 06:56:14

Job Ticket #: 27402 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc

PO Box 1469
Plainfield IL 60544

ATTN: Todd Morgenstern

McCall #2-36

36 10S 23W Graham KS

Job Ticket: 27402

DST#: 2

Test Start: 2006.11.22 @ 23:23:54

GENERAL INFORMATION:

Formation: **LKC "H-I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:23:34

Time Test Ended: 06:56:14

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3644.00 ft (KB) To 3698.00 ft (KB) (TVD)**

Total Depth: 3698.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2263.00 ft (KB)

2258.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8289 Inside

Press@RunDepth: 40.07 psig @ 3650.00 ft (KB)

Start Date: 2006.11.22

End Date:

2006.11.23

Start Time: 23:23:59

End Time:

06:56:14

Capacity: 7000.00 psig

Last Calib.: 2006.11.23

Time On Btm: 2006.11.23 @ 01:23:24

Time Off Btm: 2006.11.23 @ 05:23:23

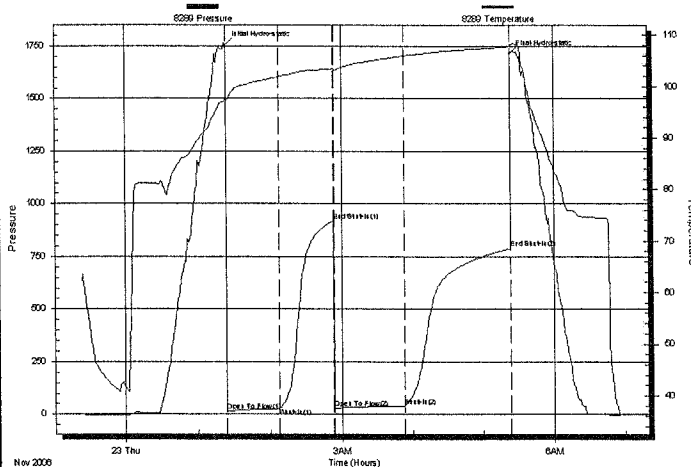
TEST COMMENT: IFP Weak surface blow built to 4 "

ISI No blow back

FFP Weak blow built to 6 "

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

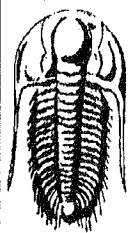
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1754.39	97.61	Initial Hydro-static
1	16.81	96.97	Open To Flow (1)
45	27.66	101.83	Shut-In (1)
90	920.70	103.38	End Shut-In (1)
91	28.71	103.19	Open To Flow (2)
150	40.07	105.90	Shut-In (2)
240	788.37	107.70	End Shut-In (2)
240	1713.46	108.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	FREE OIL	0.02
58.00	HOCM 30%O 70%M	0.29

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

McCall #2-36

PO Box 1469
Plainfield IL 60544

36 10S 23W Graham KS

Job Ticket: 27402

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2006.11.22 @ 23:23:54

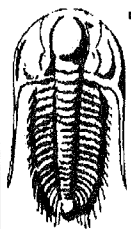
Tool Information

Drill Pipe:	Length: 3324.00 ft	Diameter: 3.82 inches	Volume: 47.12 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 314.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	44000.00 lb
			Total Volume: 48.66 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3644.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.00 ft				
Tool Length:	75.00 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			3624.00	
Shut In Tool	5.00			3629.00	
Hydraulic tool	5.00			3634.00	
Packer	5.00			3639.00	21.00 Bottom Of Top Packer
Packer	5.00			3644.00	
Stubb	1.00			3645.00	
Perforations	5.00			3650.00	
Recorder	0.00	8289	Inside	3650.00	
Blank Spacing	30.00			3680.00	
Perforations	15.00			3695.00	
Recorder	0.00	3351	Inside	3695.00	
Bullnose	3.00			3698.00	54.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

McCall #2-36

PO Box 1469
Plainfield IL 60544

36 10S 23W Graham KS

Job Ticket: 27402

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2006.11.22 @ 23:23:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	FREE OIL	0.025
58.00	HOCM 30%O 70%M	0.285

Total Length: 63.00 ft

Total Volume: 0.310 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

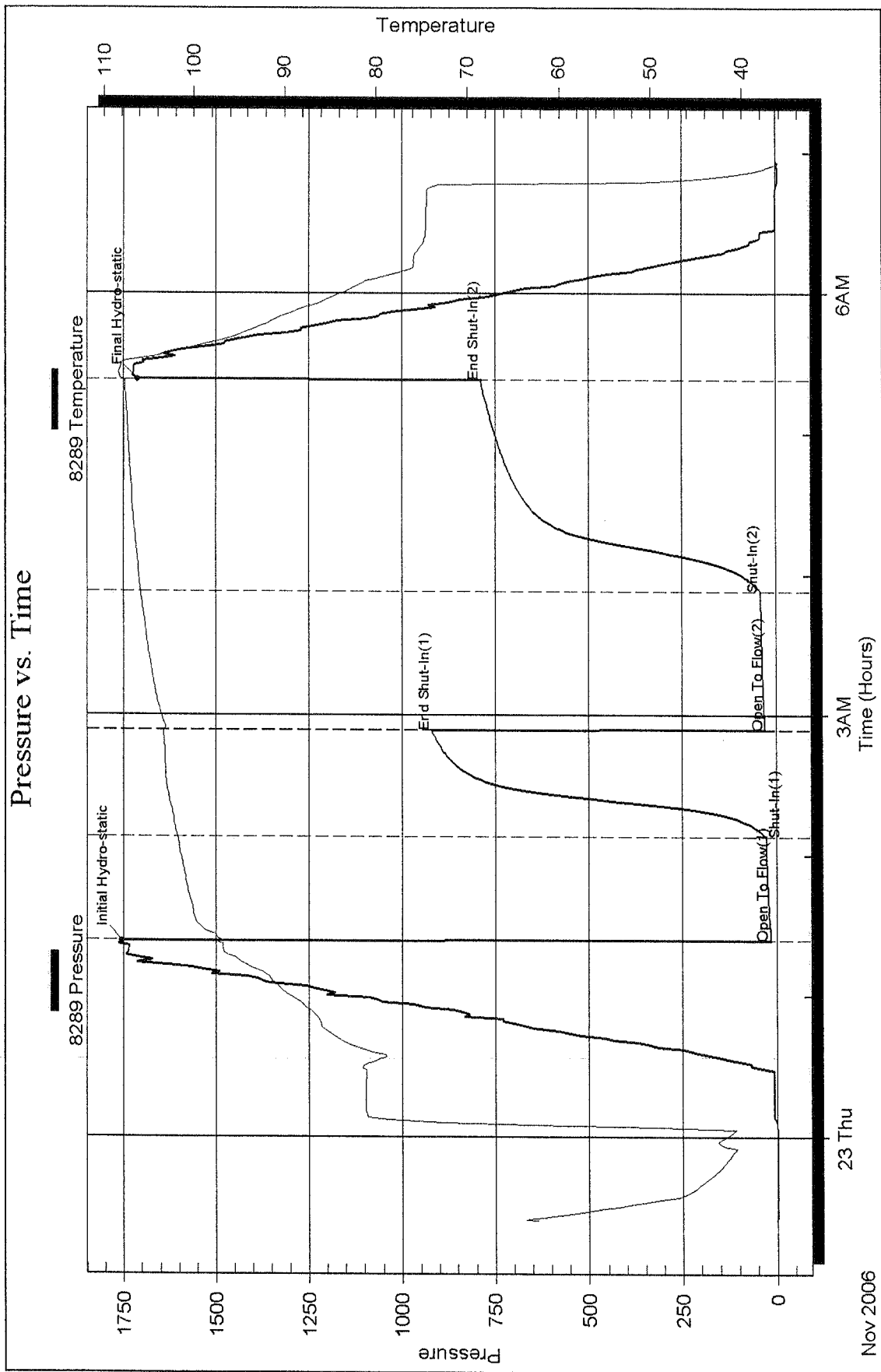
Serial #:

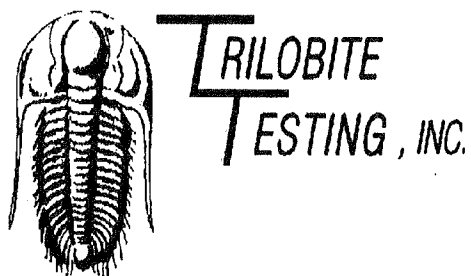
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield IL 60544

ATTN: Todd Morgenstern

36 10S 23W Graham KS

McCall #2-36

Start Date: 2006.11.23 @ 13:01:00

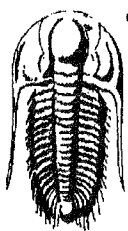
End Date: 2006.11.23 @ 18:40:39

Job Ticket #: 27403 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc

PO Box 1469
Plainfield IL 60544

ATTN: Todd Morgenstern

McCall #2-36

36 10S 23W Graham KS

Job Ticket: 27403

DST#: 3

Test Start: 2006.11.23 @ 13:01:00

GENERAL INFORMATION:

Formation: **LKC 180'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:21:30

Time Test Ended: 18:40:39

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3694.00 ft (KB) To 3715.00 ft (KB) (TVD)**

Total Depth: 3715.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2263.00 ft (KB)

2258.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8289

Inside

Press@RunDepth: 34.78 psig @ 3695.00 ft (KB)

Start Date: 2006.11.23

End Date:

2006.11.23

Start Time: 13:01:05

End Time:

18:40:39

Capacity: 7000.00 psig

Last Calib.: 2006.11.23

Time On Btm: 2006.11.23 @ 14:21:20

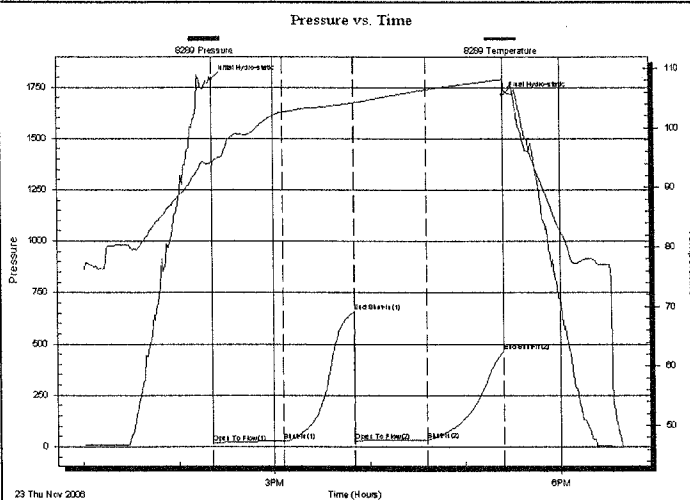
Time Off Btm: 2006.11.23 @ 17:24:20

TEST COMMENT: IFP Weak surface blow built to 2.5 "

ISI No blow back

FFP Weak surface blow built to 5 "

FSI No blow back



PRESSURE SUMMARY

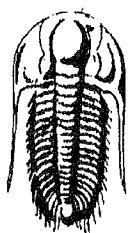
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.44	94.36	Initial Hydro-static
1	18.45	93.22	Open To Flow (1)
45	28.34	102.56	Shut-In(1)
90	656.80	104.14	End Shut-In(1)
90	28.52	104.21	Open To Flow (2)
135	34.78	106.41	Shut-In(2)
183	463.16	108.11	End Shut-In(2)
183	1710.47	108.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	FREE OIL	0.05
30.00	MCO 70%O 30%M	0.15
20.00	HOCM 30%O 70%M	0.10

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

McCall #2-36

PO Box 1469
Plainfield IL 60544

36 10S 23W Graham KS

Job Ticket: 27403

DST#: 3

ATTN: Todd Morgenstern

Test Start: 2006.11.23 @ 13:01:00

Tool Information

Drill Pipe:	Length:	3386.00 ft	Diameter:	3.82 inches	Volume:	48.00 bbl	Tool Weight:	2200.00 lb		
Heavy Wt. Pipe:	Length:	314.00 ft	Diameter:	2.25 inches	Volume:	1.54 bbl	Weight set on Packer:	25000.00 lb		
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb		
						Total Volume:	49.54 bbl	Tool Chased	3.00 ft	
Drill Pipe Above KB:	27.00 ft								String Weight: Initial	40000.00 lb
Depth to Top Packer:	3694.00 ft								Final	42000.00 lb
Depth to Bottom Packer:	ft									
Interval between Packers:	21.00 ft									
Tool Length:	42.00 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			3674.00	
Shut In Tool	5.00			3679.00	
Hydraulic tool	5.00			3684.00	
Packer	5.00			3689.00	21.00 Bottom Of Top Packer
Packer	5.00			3694.00	
Stubb	1.00			3695.00	
Recorder	0.00	8289	Inside	3695.00	
Perforations	17.00			3712.00	
Recorder	0.00	3351	Inside	3712.00	
Bullnose	3.00			3715.00	21.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

McCall #2-36

PO Box 1469
Plainfield IL 60544

36 10S 23W Graham KS

Job Ticket: 27403

DST#: 3

ATTN: Todd Morgenstern

Test Start: 2006.11.23 @ 13:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	FREE OIL	0.049
30.00	MCO 70%O 30%M	0.148
20.00	HOCM 30%O 70%M	0.098

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

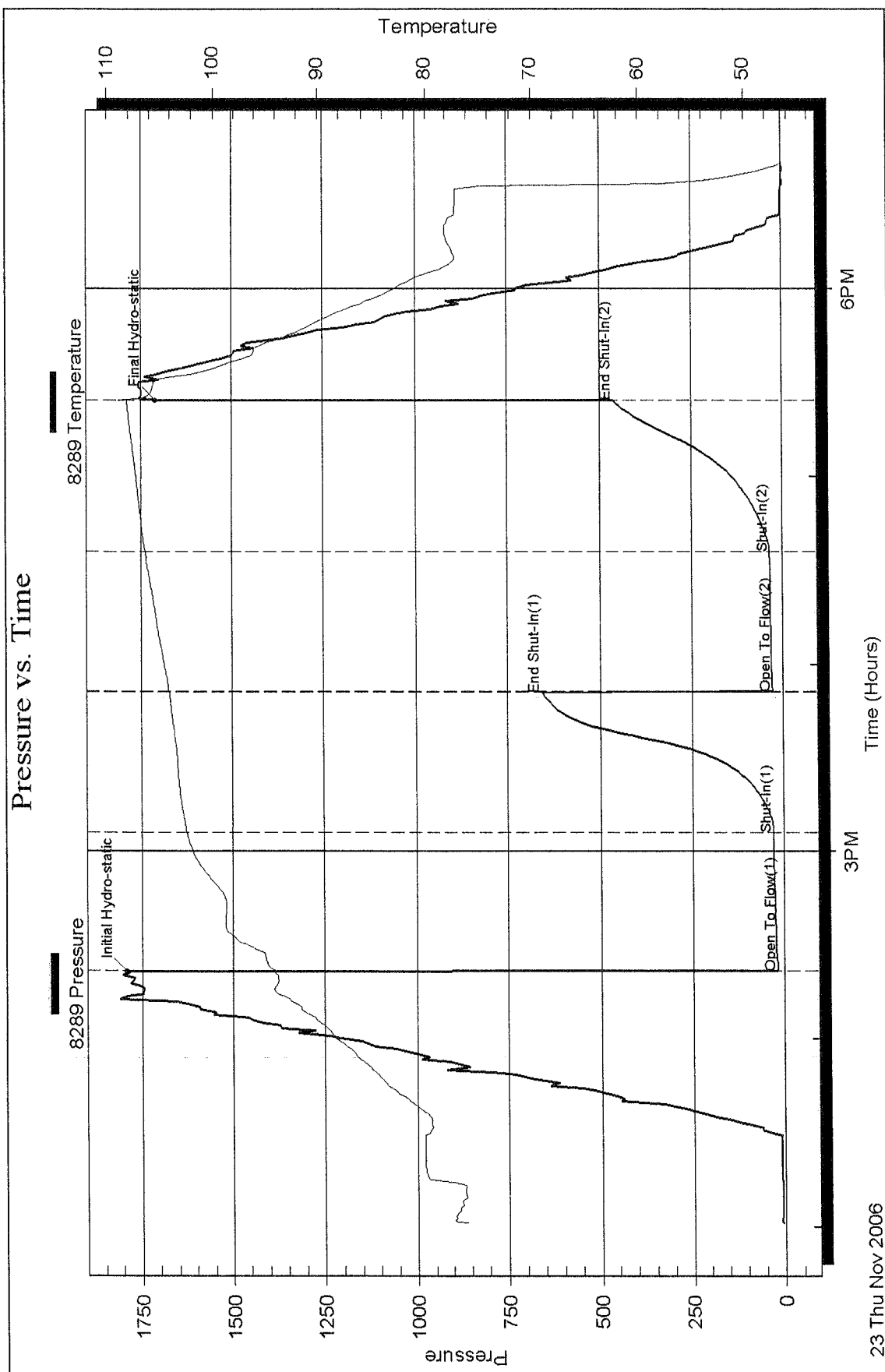
Serial #:

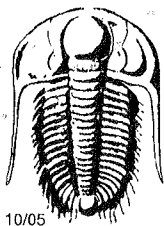
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27401

Test Ticket

Well Name & No. <u>McCall # 2-36</u>	Test No. <u>1</u>	Date <u>11/22/06</u>
Company <u>Russell Oil, Inc</u>	Zone Tested <u>LKC "B"</u>	
Address <u>Plainfield, IL 60544 P.O. Box 1469</u>	Elevation <u>2263</u> KB <u>2258</u> GL	
Co. Rep / Geo. <u>Todd Morgenstern</u>	Rig <u>Shields</u>	
Location: Sec. <u>36</u> Twp. <u>10 S</u> Rge. <u>23 W</u>	Co. <u>Carthage</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3552 - 3576</u>	Initial Str Wt./Lbs. <u>39000</u>	Unseated Str Wt/Lbs. <u>42000</u>
Anchor Length <u>24'</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>60000</u>
Top Packer Depth <u>3547</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3552</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>3576</u>	Wt. Pipe Run <u>314</u>	Drill Collar Run _____
Mud Wt. <u>8.8</u> LCM _____ Vis. <u>SS</u> WL <u>7.8</u>	Drill Pipe Size <u>4 1/2 FH</u>	Ft. Run <u>3232</u>
Blow Description <u>IFP - weak surface blow built to 1.5"</u>		

<u>ISI - no blow back</u>
<u>FFP - weak surface blow built to 1"</u>
<u>FSI - no blow back</u>

Recovery - Total Feet <u>90</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. <u>30</u>	Feet of <u>MW w/oil skum</u>	%gas _____	%oil <u>60</u> %water <u>40</u> %mud _____
Rec. <u>60</u>	Feet of <u>MW</u>	%gas _____	%oil <u>85</u> %water <u>15</u> %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
BHT <u>104</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____ *API _____
RW <u>1.88</u>	@ <u>51</u> *F	Chlorides <u>4900</u> ppm Recovery _____	Chlorides <u>2100</u> ppm System _____

(A) Initial Hydrostatic Mud	AK-1 <u>1685</u> PSI	Alpine <u>1685</u> PSI	Recorder No. <u>8289</u>	Test <u>X</u>
(B) First Initial Flow Pressure	<u>11</u> PSI		(depth) <u>3553</u>	Jars _____
(C) First Final Flow Pressure	<u>32</u> PSI		Recorder No. <u>3351</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>888</u> PSI		(depth) <u>3573</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>34</u> PSI		Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>47</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>831</u> PSI	Initial Opening _____		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1666</u> PSI	Initial Shut-In _____		Shale Packer _____

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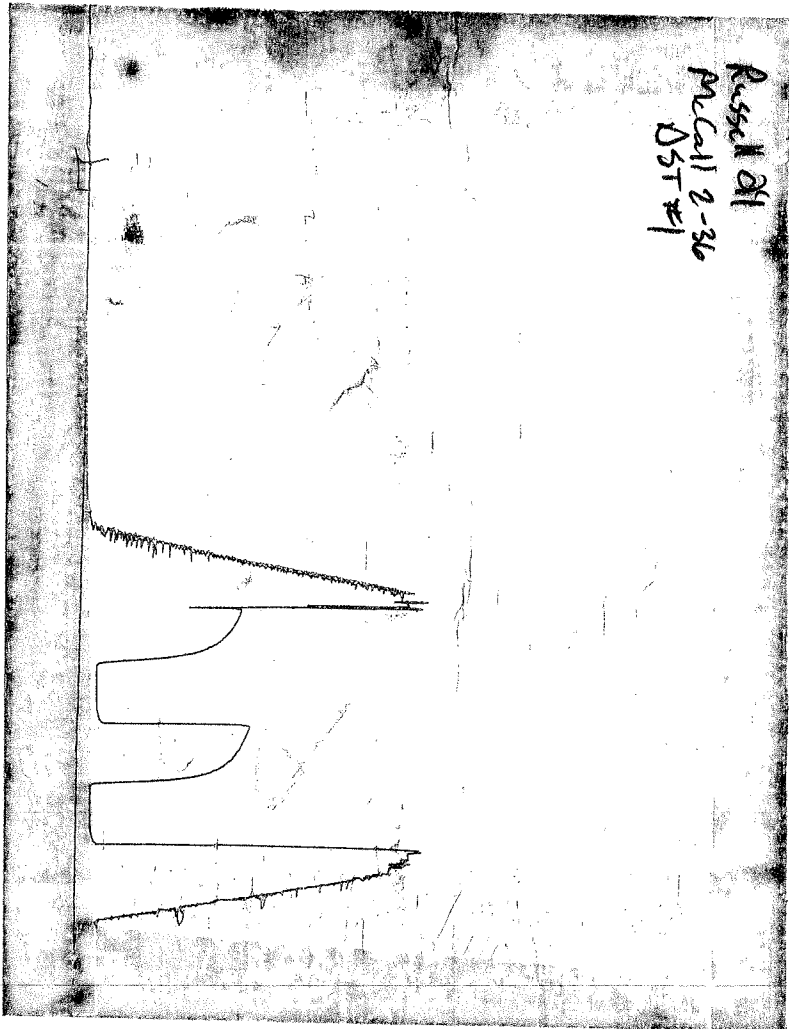
Approved By Todd Morgenstern

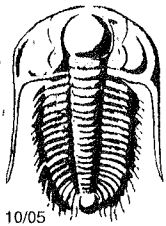
Our Representative [Signature]

Final Flow _____	Ruined Packer _____
Final Shut-In _____	Mileage <u>X</u> <u>88.2</u>
T-On Location <u>3123</u>	Sub Total: _____
T-Started <u>3141</u>	Std. By _____
T-Open <u>5:35</u>	Acc. Chg: _____
T-Pulled <u>8:35</u>	Other: _____
T-Out <u>9:36</u>	Total: _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27402

Test Ticket

Well Name & No. McCall # 2-36 Test No. 2 Date 11/22/06
 Company Russell Oil, Inc. Zone Tested LKC "H-I"
 Address P.O. Box 1469 Pkinfield, IL 60544 Elevation 2263 KB 2258 GL
 Co. Rep / Geo. Todd Morgenstern Rig Shields
 Location: Sec. 36 Twp. 10 Rge. 23 Co. Graham State KS
 Comment: _____ Release date / time: _____

Interval Tested 3644 - 3698 Initial Str Wt./Lbs. 40000 Unseated Str Wt./Lbs. _____
 Anchor Length 54' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. _____
 Top Packer Depth 3639 Tool Weight 2200
 Bottom Packer Depth 3644 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3698 Wt. Pipe Run 314 Drill Collar Run _____
 Mud Wt. 9.1 LCM _____ Vis. 54 WL 8.0 Drill Pipe Size 4 1/2 FH Ft. Run 3324
 Blow Description IFP - weak surface blow built to 4"

ISI - no blow back

FFP - weak blow built to 6"

FSI - no blow back

Recovery - Total Feet 63 GIP 251 Ft. in DC _____ Ft. in DP _____
 Rec. 5 Feet of Free Oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 58 Feet of HOCM %gas 30 %oil _____ %water 70 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 108 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2100 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1752</u>	PSI	Recorder No.	<u>8289</u>	Test <u>X</u>
(B) First Initial Flow Pressure	<u>17</u>	PSI	(depth)	<u>3650</u>	Jars _____
(C) First Final Flow Pressure	<u>28</u>	PSI	Recorder No.	<u>3351</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>921</u>	PSI	(depth)	<u>3695</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>29</u>	PSI	Recorder No.	_____	Sampler _____
(F) Second Final Flow Pressure	<u>40</u>	PSI	(depth)	_____	Straddle _____
(G) Final Shut-In Pressure	<u>788</u>	PSI	Initial Opening	<u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1725</u>	PSI	Initial Shut-In	<u>45</u>	Shale Packer _____
			Final Flow	<u>60</u>	Ruined Packer _____
			Final Shut-In	<u>90</u>	Mileage <u>X</u> <u>28</u>
			T-On Location	<u>23:15</u>	Sub Total: _____
			T-Started	<u>23:23</u>	Std. By _____
			T-Open	<u>1:23</u>	Acc. Chg: _____
			T-Pulled	<u>5:23</u>	Other: _____
			T-Out	<u>6:56</u>	Total: _____

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Approved By Todd Morgenstern
 Our Representative Ty The

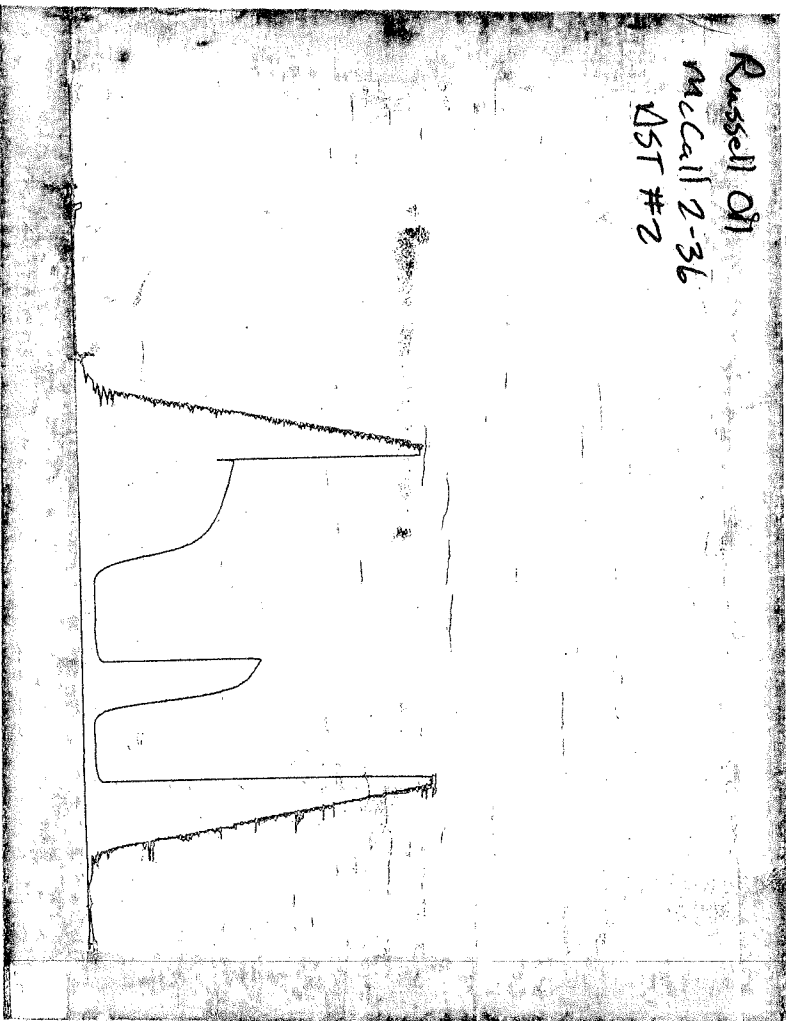
CHART PAGE

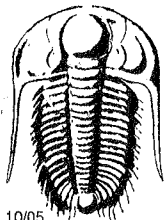
This is a photocopy of the actual AK-1 recorder chart.

Russell 01

McCall 2-36

VST #2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27403

Test Ticket

Well Name & No. McCall #2-36 Test No. 8 Date 11/23/06
 Company Russell Oil, Inc Zone Tested LKC 180'
 Address P.O. Box 1469 Plainfield, IL 60544 Elevation 2263 KB 2258 GL
 Co. Rep / Geo. Todd Morgenstern Rig Shields
 Location: Sec. 36 Twp. 10 S Rge. 23 W Co. Graham State KS
 Comment: _____ Release date / time: _____

Interval Tested 3694 - 3715 Initial Str Wt./Lbs. 40000 Unseated Str Wt./Lbs. 42000
 Anchor Length 21' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 3689 Tool Weight 2200
 Bottom Packer Depth 3694 Hole Size 7 7/8" — Rubber Size 6 3/4" —
 Total Depth 3715 Wt. Pipe Run 314' Drill Collar Run —
 Mud Wt. 9.1 LCM — Vis. 50 WL 8.4 Drill Pipe Size 4 1/2 FH Ft. Run 3386
 Blow Description IFP - weak surface blow built to 2'5"

ISI - no blow back

FFP - weak surface blow built to 5"

FSI - no blow back

Recovery - Total Feet 60 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 10 Feet of Free oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 30 Feet of MCO %gas 70 %oil _____ %water 30 %mud _____
 Rec. 20 Feet of HOCM %gas 30 %oil _____ %water 70 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 108 °F Gravity 41 °API D @ 60 °F Corrected Gravity 41 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2100 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1784</u>	PSI	Recorder No. <u>8289</u>	Test <u>x</u>
(B) First Initial Flow Pressure	<u>18</u>	PSI	(depth) <u>3695</u>	Jars _____
(C) First Final Flow Pressure	<u>28</u>	PSI	Recorder No. <u>3351</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>657</u>	PSI	(depth) <u>3707</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>29</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>35</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>463</u>	PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1751</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>45</u>	Mileage <u>x</u> <u>78.5</u>
			T-On Location <u>12:50</u>	Sub Total: _____
			T-Started <u>13:01</u>	Std. By _____
			T-Open <u>14:20</u>	Acc. Chg: _____
			T-Pulled <u>17:22</u>	Other: _____
			T-Out <u>18:40</u>	Total: _____

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Approved By Todd E. Morgenstern

Our Representative Trif Thy

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Russell Oil
MCC-1 2-36
DST #3

