



KANSAS CORPORATION COMMISSION 1059991
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34466
Name: RyHolland Felder, Inc.
Address 1: 1612 Westgate CR, Ste 120
Address 2: _____
City: Brentwood State: TN Zip: 37027 + _____
Contact Person: Ronald Walblay
Phone: (615) 277-9100
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Clayton Ericson
Purchaser: NCRA

Designate Type of Completion:

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

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

<u>11/03/2010</u>	<u>11/08/2010</u>	<u>11/09/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20534-00-00

Spot Description: NWSESENE

NW SE SE NE Sec. 16 Twp. 1 S. R. 24 East West

2000 Feet from North / South Line of Section

370 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Norton

Lease Name: Retke Well #: RFI #1

Field Name: Unnamed

Producing Formation: Lansing Kansas City

Elevation: Ground: 2387 Kelly Bushing: 2392

Total Depth: 3620 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 218 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1920 Feet

If Alternate II completion, cement circulated from: 1920

feet depth to: 0 w/ 400 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 9700 ppm Fluid volume: 800 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garcia Date: 08/09/2011



1059991

Operator Name: RyHolland Felder, Inc. Lease Name: Retke Well #: RFI #1
 Sec. 16 Twp. 1 S. R. 24 East West County: Norton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Retke1 Formation (Top) Depth and Datum Logs	see log see log
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: Attached			

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	12.25	8.6250	23	218	Common	150	3%cc2%gel
Production Casing	7.875	5.5	15.5	3619	Common	140	10%Sch12%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD	-			
___ 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
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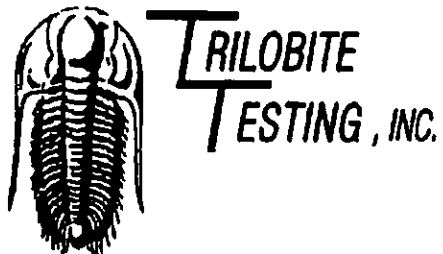
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	RyHolland Felder, Inc.
Well Name	Retke RFI #1
Doc ID	1059991

All Electric Logs Run

RyHolland Redke RFI #1 DIL
RyHolland Redke RFI #1 MEL
RyHolland Redke RFI #1 POR
RyHolland Retke RFI #1



DRILL STEM TEST REPORT

Prepared For: **RY Holland Felder Inc.**

1612 Westgate Cr. Ste. 120
Brentwood, TN 37027

ATTN: Clayton Erickson

16-1-24 Norton,KS

Relke RFI # 1

Start Date: 2010.11.06 @ 08:50:00

End Date: 2010.11.06 @ 16:52:00

Job Ticket #: 040104 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2010.11.18 @ 09:34:48 Page 1

ORIGINAL

RY Holland Felder Inc.

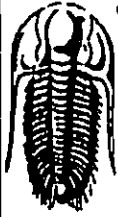
Relke RFI # 1

16-1-24 Norton,KS

DST # 1

LKCA

2010.11.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

RY Holland Felder Inc.
1612 Westgate Cr. Ste.120
Brentwood, TN 37027
ATTN: Clayton Erickson

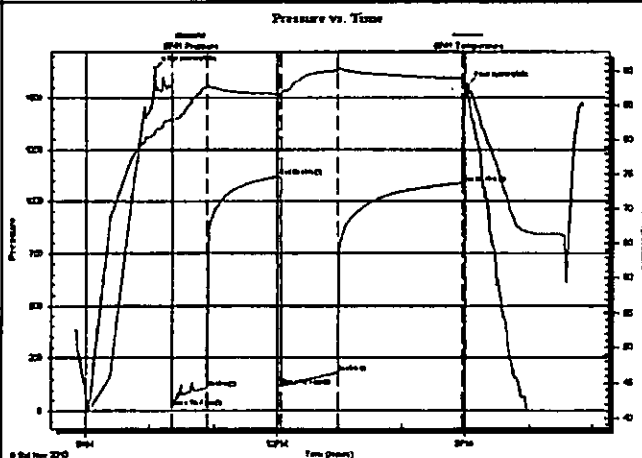
Reike RFI # 1
16-1-24 Norton,KS
Job Ticket: 040104 DST#: 1
Test Start: 2010.11.08 @ 08:50:00

GENERAL INFORMATION:

Formation: LKC-A
Deviated: No Whipstock ft (KB)
Time Tool Opened: 10:21:00
Time Test Ended: 16:52:00
Interval: 3266.00 ft (KB) To 3320.00 ft (KB) (TVD)
Total Depth: 3320.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Chuck Kreutzer Jr.
Unit No: 36
Reference Elevations: 2398.00 ft (KB)
2394.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 6741 Inside
Press@RunDepth: 179.71 psig @ 3270.50 ft (KB)
Start Date: 2010.11.06 End Date: 2010.11.06
Start Time: 08:50:01 End Time: 16:52:00
Capacity: 8000.00 psig
Last Calib.: 2010.11.06
Time On Btm: 2010.11.06 @ 10:04:30
Time Off Btm: 2010.11.06 @ 15:02:30

TEST COMMENT: F: Weak blow, Built to 1 in.
IS: No blow back,
FF: Weak blow, Built to 1 in.
FSt: No blow back,



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1642.13	81.16	Initial Hydro-static
17	17.96	82.66	Open To Flow (1)
49	106.51	87.72	Shut-in(1)
118	1120.09	86.73	End Shut-in(1)
120	114.02	86.82	Open To Flow (2)
174	179.71	90.19	Shut-in(2)
293	1087.13	89.05	End Shut-in(2)
298	1565.44	87.98	Final Hydro-static

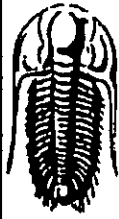
Recovery

Length (ft)	Description	Volume (bbl)
248.00	MW 90%W 10%M	2.42
62.00	MW 60%W 40%M	0.91

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (McM)

ORIGINAL



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RY Holland Felder Inc.

Reilke RFI # 1

1612 Westgate Cr. Ste.120
Brentwood, TN 37027

16-1-24 Norton,KS

Job Ticket: 040104

DST#: 1

ATTN: Clayton Erickson

Test Start: 2010.11.06 @ 08:50:00

Tool Information

Drill Pipe:	Length: 3130.00 ft	Diameter: 3.88 inches	Volume: 45.77 bbl	Tool Weight: 1900.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 56000.00 lb
			Total Volume: 46.38 bbl	Tool Chased 6.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3266.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3243.00	
Hydraulic tool	5.00			3248.00	
Jars	5.00			3253.00	
Safety Joint	3.00			3256.00	
Packer	5.00			3261.00	28.00 Bottom Of Top Packer
Packer	5.00			3266.00	
Stubb	1.00			3267.00	
Perforations	3.00			3270.00	
Change Over Sub	0.50			3270.50	
Recorder	0.00	6752	Inside	3270.50	
Recorder	0.00	6741	Inside	3270.50	
Blank Spacing	31.00			3301.50	
Change Over Sub	0.50			3302.00	
Perforations	15.00			3317.00	
Bullnose	3.00			3320.00	54.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RY Holland Fekler Inc.

Relke RFI # 1

1612 Westgate Cr. Ste.120
Brentwood, TN 37027

16-1-24 Norton,KS

Job Ticket: 040104 DST#: 1

ATTN: Clayton Erickson

Test Start: 2010.11.06 @ 08:50:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 72.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	MW 90%W 10%M	2.423
62.00	MW 60%W 40%M	0.907

Total Length: 310.00 ft Total Volume: 3.330 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

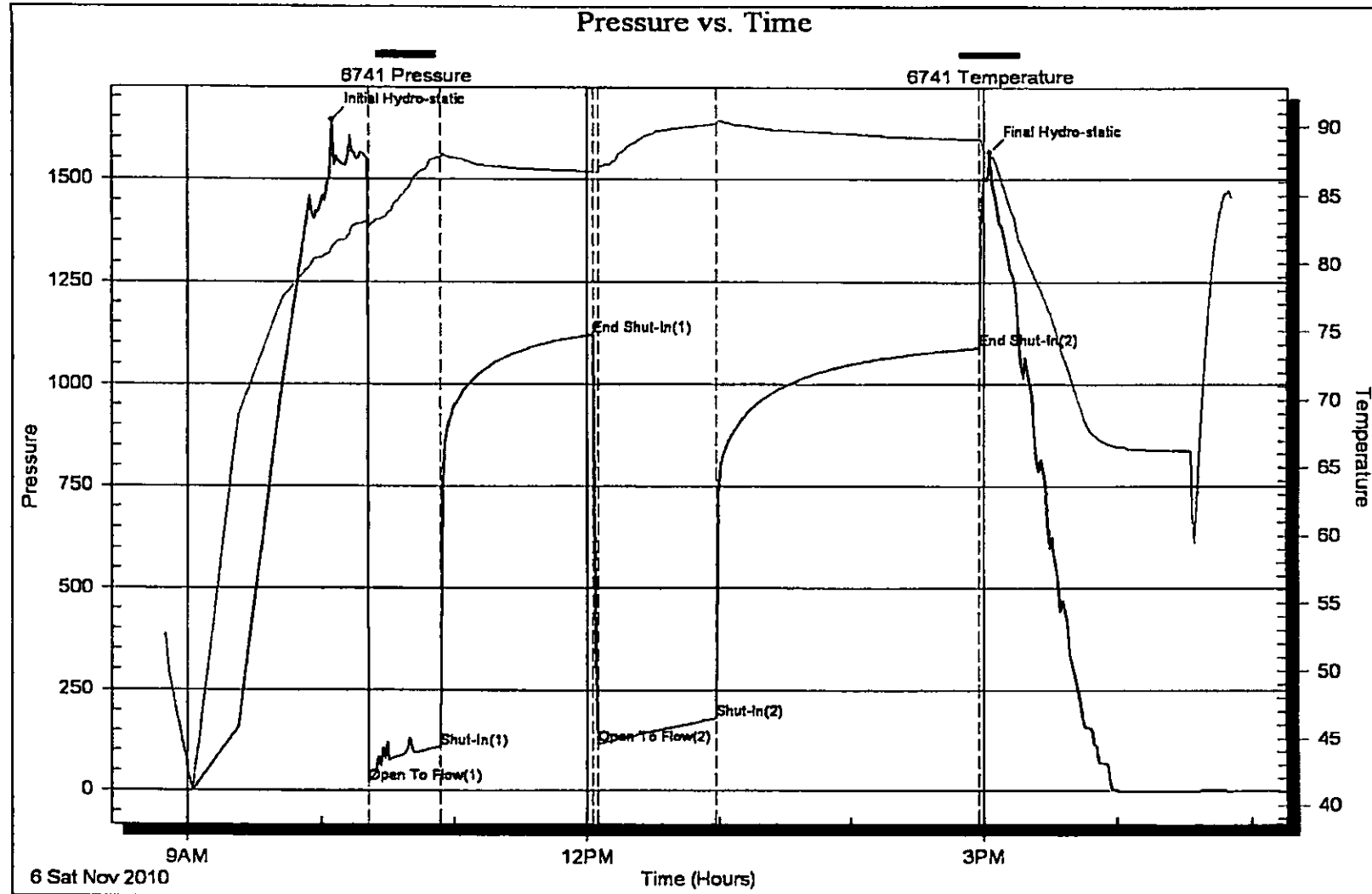
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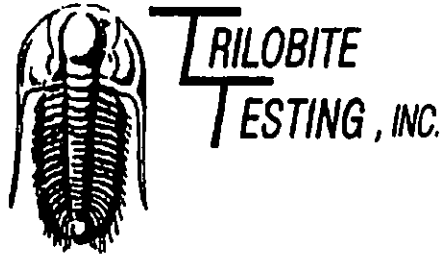
Serial #: 6741

Inside RY Holland Felder Inc.

16-1-24 Norton,KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **RY Holland Felder Inc.**

1612 Westgate Cr. Ste.120
Brentwood, TN 37027

ATTN: Clayton Erickson

16-1-24 Norton,KS

Relke RFI # 1

Start Date: 2010.11.07 @ 04:30:00

End Date: 2010.11.07 @ 10:39:00

Job Ticket #: 040105 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

RY Holland Felder Inc.

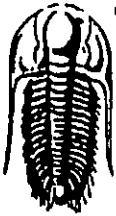
Relke RFI # 1

16-1-24 Norton,KS

DST # 2

LKC-H

2010.11.07



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

RY Holland Felder Inc.
1612 Westgate Cr. Ste.120
Brentwood, TN 37027
ATTN: Clayton Erickson

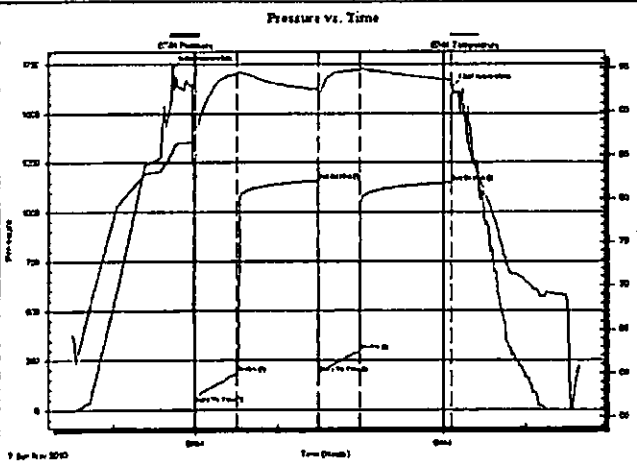
Relke RFI # 1
16-1-24 Norton,KS
Job Ticket: 040105 DST#: 2
Test Start: 2010.11.07 @ 04:30:00

GENERAL INFORMATION:

Formation: LKC-H
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:59:00
Time Test Ended: 10:39:00
Interval: 3390.00 ft (KB) To 3424.00 ft (KB) (TVD)
Total Depth: 3424.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Chuck Kreutzer Jr.
Unit No: 36
Reference Elevations: 2398.00 ft (KB)
2394.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 6741 Inside
Press@RunDepth: 294.63 psig @ 3391.00 ft (KB)
Start Date: 2010.11.07 End Date: 2010.11.07
Start Time: 04:30:01 End Time: 10:39:00
Capacity: 8000.00 psig
Last Calib.: 2010.11.07
Time On Btm: 2010.11.07 @ 05:43:30
Time Off Btm: 2010.11.07 @ 09:06:30

TEST COMMENT: F: Fair blow, B.O.B in 17 mins.
IST No blow back
FF: Fair blow, B.O.B in 11 mins.
FSt No blow back



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1729.02	85.29	Initial Hydro-static
16	32.98	86.21	Open To Flow (1)
47	182.80	94.29	Shut-In(1)
106	1155.96	92.56	End Shut-In(1)
106	185.30	92.00	Open To Flow (2)
136	294.63	94.70	Shut-In(2)
202	1147.99	93.61	End Shut-In(2)
203	1634.84	92.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00	mcw 5%M 95%W	7.86
1.00	mcw w/ oil specks	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RY Holland Felder Inc.
1612 Westgate Cr. Ste.120
Brentwood, TN 37027
ATTN: Clayton Erickson

Relke RFI # 1
16-1-24 Norton,KS
Job Ticket: 040105 DST#: 2
Test Start: 2010.11.07 @ 04:30:00

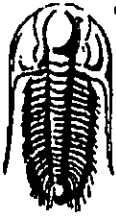
Tool Information

Drill Pipe:	Length: 3258.00 ft	Diameter: 3.88 inches	Volume: 47.65 bbl	Tool Weight: 1900.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 48.26 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3390.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3367.00	
Hydraulic tool	5.00			3372.00	
Jars	5.00			3377.00	
Safety Joint	3.00			3380.00	
Packer	5.00			3385.00	28.00 Bottom Of Top Packer
Packer	5.00			3390.00	
Stubb	1.00			3391.00	
Recorder	0.00	6752	Inside	3391.00	
Recorder	0.00	6741	Inside	3391.00	
Perforations	30.00			3421.00	
Bullnose	3.00			3424.00	34.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RY Holland Fekler Inc.
1612 Westgate Cr. Ste.120
Brentwood, TN 37027
ATTN: Clayton Erickson

Relke RFI # 1
16-1-24 Norton,KS
Job Ticket: 040105 DST#:2
Test Start: 2010.11.07 @ 04:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 72.00 sec/ql	Cushion Volume: bbl		
Water Loss: 5.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
620.00	mcw 5%M 95%W	7.863
1.00	mcw w/ oil specks	0.015

Total Length: 621.00 ft Total Volume: 7.878 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

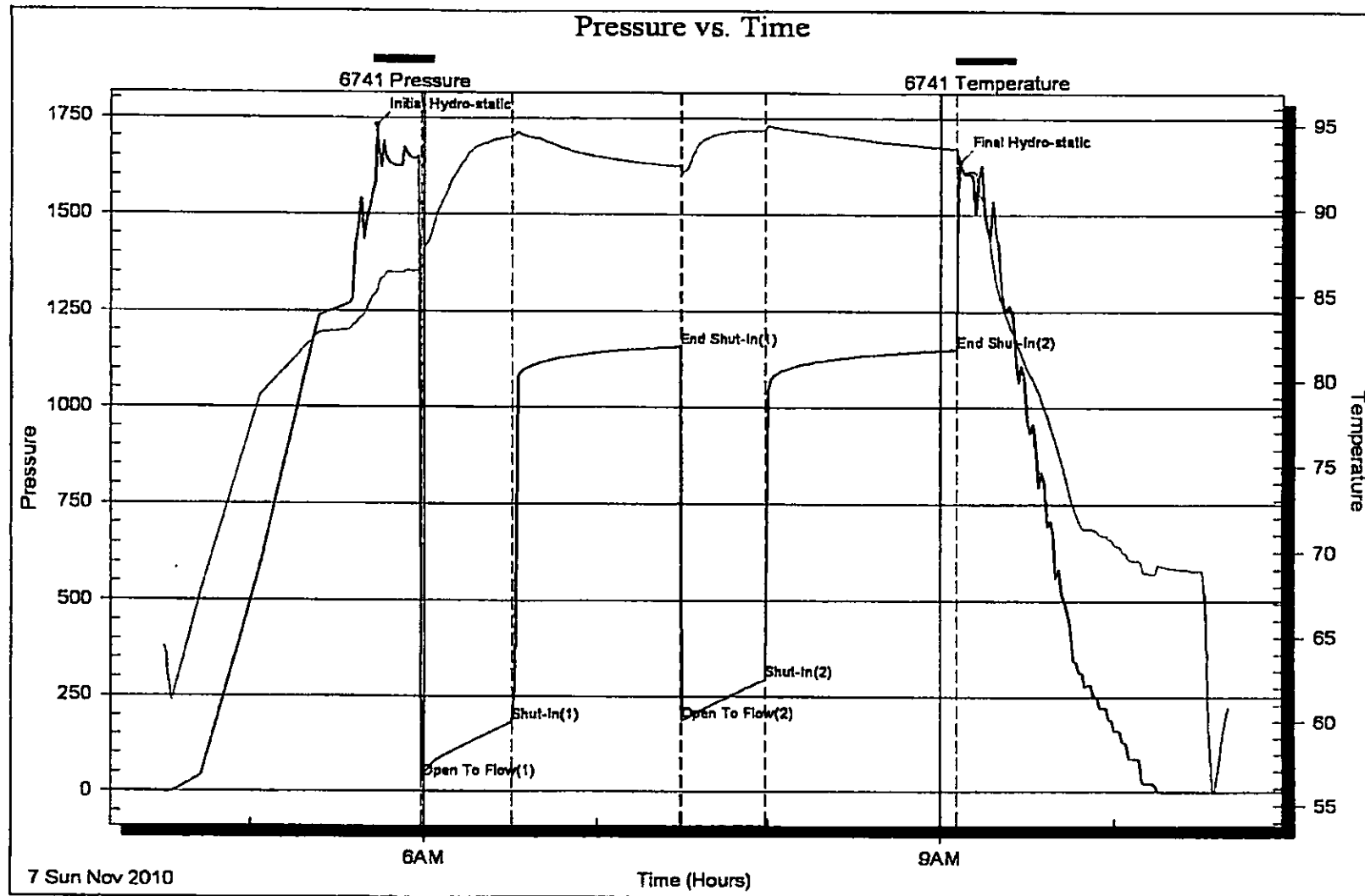
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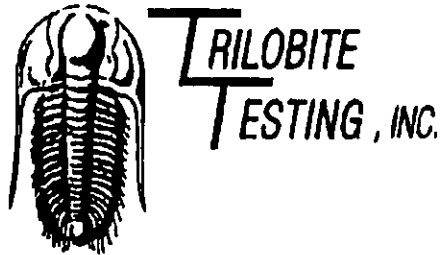
Serial #: 6741

Inside RY Holland Felder Inc.

16-1-24 Norton,KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **RY Holland Felder Inc.**

1612 Westgate Cr. Ste.120
Brentwood, TN 37027

ATTN: Clayton Erickson

16-1-24 Norton,KS

Relke RFI # 1

Start Date: 2010.11.07 @ 19:15:00

End Date: 2010.11.08 @ 02:22:30

Job Ticket #: 040106 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

RY Holland Felder Inc.

Relke RFI # 1

16-1-24 Norton,KS

DST # 3

LKC-J/K

2010.11.07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

RY Holland Felder Inc.
1612 Westgate Cr. Ste.120
Brentwood, TN 37027
ATTN: Clayton Erickson

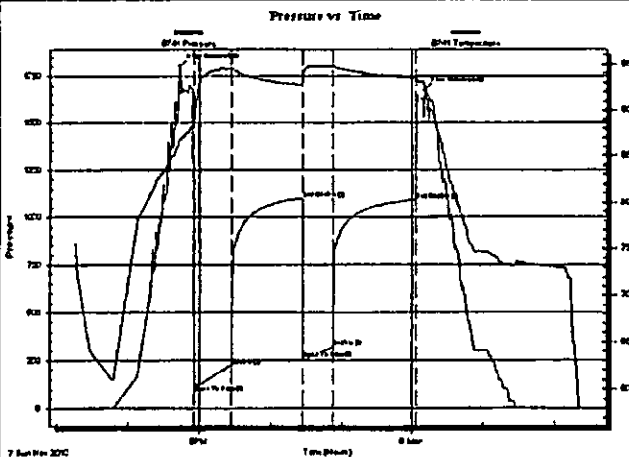
Relke RFI # 1
16-1-24 Norton,KS
Job Ticket: 040106 DST#: 3
Test Start: 2010.11.07 @ 19:15:00

GENERAL INFORMATION:

Formation: LKC-J,K
Deviated: No Whipstock ft (KB)
Time Tool Opened: 20:55:30
Time Test Ended: 02:22:30
Interval: 3424.00 ft (KB) To 3486.00 ft (KB) (TVD)
Total Depth: 3486.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Chuck Kreuzler Jr.
Unit No: 36
Reference Elevations: 2398.00 ft (KB)
2394.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 6741 Inside
Press@RunDepth: 316.72 psig @ 3425.50 ft (KB)
Start Date: 2010.11.07 End Date: 2010.11.08
Start Time: 19:15:01 End Time: 02:22:30
Capacity: 8000.00 psig
Last Calb.: 2010.11.08
Time On Btm 2010.11.07 @ 20:43:30
Time Off Btm 2010.11.08 @ 00:11:30

TEST COMMENT: IF: Strong blow, B.O.B in 8 mins.
IS: No blow back over 60 mins.
FF: Weak blow, B.O.B in 25 mins.
FSt: No blow back over 60 mins.



PRESSURE SUMMARY

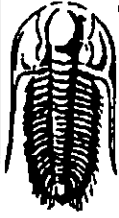
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1802.07	86.82	Initial Hydro-static
12	78.88	88.23	Open To Flow (1)
44	220.38	94.48	Shut-In(1)
104	1101.95	92.76	End Shut-In(1)
104	256.63	92.79	Open To Flow (2)
129	316.72	94.74	Shut-In(2)
201	1092.39	93.48	End Shut-In(2)
208	1674.24	92.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	OCVM 10%O40%W50%M	1.56
248.00	OCVM15%O25%W60%M	3.63
62.00	MCO 10%M90%O	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RY Holland Felder Inc.

Relke RFI # 1

1612 Westgate Cr. Ste.120
Brentwood, TN 37027

16-1-24 Norton, KS

Job Ticket: 040106

DST#: 3

ATTN: Clayton Erickson

Test Start: 2010.11.07 @ 19:15:00

Tool Information

Drill Pipe:	Length: 3292.00 ft	Diameter: 3.88 inches	Volume: 48.14 bbl	Tool Weight:	1900.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 48.75 bbl</u>	Tool Chased	2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3424.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.00 ft				
Tool Length:	90.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3401.00	
Hydraulic tool	5.00			3406.00	
Jars	5.00			3411.00	
Safety Joint	3.00			3414.00	
Packer	5.00			3419.00	28.00 Bottom Of Top Packer
Packer	5.00			3424.00	
Stubb	1.00			3425.00	
Change Over Sub	0.50			3425.50	
Recorder	0.00	6752	Inside	3425.50	
Recorder	0.00	6741	Inside	3425.50	
Blank Spacing	32.00			3457.50	
Change Over Sub	0.50			3458.00	
Perforations	25.00			3483.00	
Bullnose	3.00			3486.00	62.00 Bottom Packers & Anchor
Total Tool Length:	90.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RY Holland Felder Inc.

Relke RFI # 1

1612 Westgate Cr. Ste.120
Brentwood, TN 37027

16-1-24 Norton,KS

Job Ticket: 040106

DST#: 3

ATTN: Clayton Erickson

Test Start: 2010.11.07 @ 19:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 72.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.58 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
189.00	OCWM 10%O40%W50%M	1.560
248.00	OCWM15%O25%W60%M	3.627
62.00	MCO 10%M90%O	0.907

Total Length: 499.00 ft

Total Volume: 6.094 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial#:

Laboratory Name:

Laboratory Location:

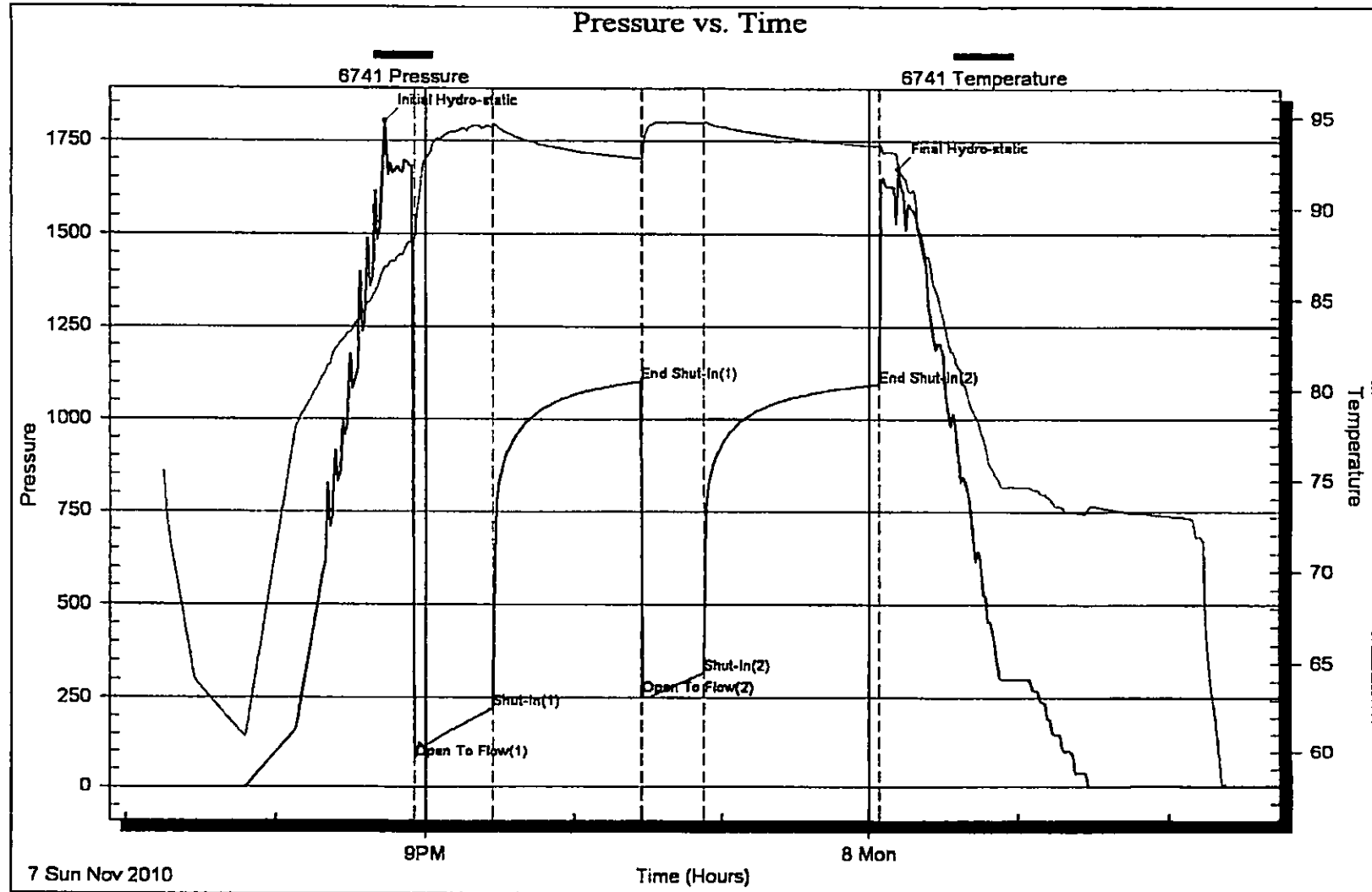
Recovery Comments:

Serial #: 6741

Inside RY Holland Felder Inc.

16-1-24 Norton, KS

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
NOV 15 2010
BY: _____

Test Ticket

NO. 040104

Well Name & No. Retke RCT# RFF#1 Test No. 1 Date 10-06-10
 Company Ry Holland Felder Inc Elevation 2398 KB 2394 GL
 Address 1612 Westgate Cr, Ste 120 Brentwood TN 37027
 Co. Rep / Geo. Clayton Erickson Rig ww#10
 Location: Sec. 16 Twp. 1 Rge. 24W Co. Norton State Ks

Interval Tested 3266 3320 Zone Tested LKC-A
 Anchor Length 54 Drill Pipe Run 3130 Mud Wt. 8.6
 Top Packer Depth 3261 Drill Collars Run 124 Vis 72
 Bottom Packer Depth 3266 WL Pipe Run -0- WL 5.6
 Total Depth 3320 Chlorides 800 ppm System LCM 1#

Blow Description IF: Weak blow, built to 1in. over 30 mins. started down.
FSI: No, blow back over 60 mins.
FF: weak blow, built to 1in over 60 mins.
FST: No blow back, over 120 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>02</u>	<u>mcw</u>			<u>60</u>	<u>40</u>
<u>248</u>	<u>mcw</u>			<u>90</u>	<u>10</u>

Rec Total 310 BHT 89.05 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1642</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>8:20</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>8:50</u>
(C) First Final Flow <u>107</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>10:21</u>
(D) Initial Shut-In <u>1120</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>14:45</u>
(E) Second Initial Flow <u>114</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>18:52</u>
(F) Second Final Flow <u>180</u>	<input checked="" type="checkbox"/> Mileage <u>40x2=80x1.25=100</u>	Comments _____
(G) Final Shut-In <u>1087</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1565</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby _____	Total <u>1550</u>
Final Shut-In <u>120</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1550</u>	

Approved By _____ Our Representative Chas. [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or supplied, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
NOV 15 2010

Test Ticket

NO. 040105

Well Name & No. Rette RFSB-1 R. Holland Felder Test No. 2 Date 11-7-10
 Company R. Holland Felder Inc. Elevation 2820 KB 2302 GL
 Address 1612 Westgate Cr, 120 Brentwood TN - 37027
 Co. Rep / Geo. Clayton Ericson Rig NUM#10
 Location: Sec. 16 Twp. 1 Rge. 24W Co. North State Ks.

Interval Tested 3390 3424 Zone Tested LKC-H
 Anchor Length 34 Drill Pipe Run 3258 Mud Wt. 8.6
 Top Packer Depth 3385 Drill Collars Run 124 Vis 7.2
 Bottom Packer Depth 3390 Wt. Pipe Run - 0 - WL 5.6
 Total Depth 3424 Chlorides 800 ppm System LCM 1#

Blow Description FE: Fair blow, B.O.B in 17 mins

FSE: No blow back over 60

FE: Fair Blow, B.O.B in 11 mins

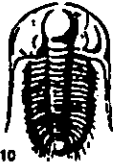
FSE: No blow back over 60 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>620</u>	Feet of <u>new</u>			<u>95</u>	<u>5</u>
<u>1</u>	Feet of <u>new with oil specs</u>				
	Feet of				
	Feet of				
	Feet of				

Rec Total 620 BHT 83.61 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1729 Test 1125 T-On Location 4:19
 (B) First Initial Flow 33 Jars 250 T-Started 4:30
 (C) First Final Flow 183 Safety Joint 75 T-Open 5:59
 (D) Initial Shut-In 1156 Circ Sub _____ T-Pulled 9:05
 (E) Second Initial Flow 185 Hourly Standby _____ T-Out 10:39
 (F) Second Final Flow 225 Mileage 40.2 = 80 / 1.25 = 100 Comments _____
 (G) Final Shut-In 1148 Sampler _____
 (H) Final Hydrostatic 1635 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Extra Packer _____
 Initial Shut-In 60 Extra Recorder _____
 Final Flow 30 Day Standby _____
 Final Shut-In 60 Accessibility _____
 Sub Total 1550 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
NOV 15 2010
BY: _____

Test Ticket

NO. 040106

Well Name & No. Retke RF#1 Test No. 3 Date 10-7-10
 Company RY Holland Fielder Inc. Elevation 2392 KB 2399 GL
 Address 1612 Westgate Cr, 120 Brentwood FN- 32007
 Co. Rep / Geo. Clayton Erickson Rig WW#10
 Location: Sec. 16 Twp. 1 Rge. 24 W Co. Warton State KS

Interval Tested 3424 3486 Zone Tested CKC-F,K
 Anchor Length _____ 62 Drill Pipe Run 3292 Mud Wt. 8.6
 Top Packer Depth _____ 3419 Drill Collars Run 124 Vis 7.2
 Bottom Packer Depth _____ 3424 Wt. Pipe Run 0 WL 5.6
 Total Depth _____ 3486 Chlorides 800 ppm System LCM 1#

Blow Description FF: Stay Blow, B.O.B in 8 min.
ISI: No blow back over 60 min
FF: Wax blow, B.O.B in 25 min
FSI: No blow back over 60 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>ALCO</u>	<u>90</u>	<u>0</u>	<u>10</u>	<u>0</u>
<u>248</u>	<u>WACO OGNM</u>	<u>15</u>	<u>0</u>	<u>25</u>	<u>60</u>
<u>189</u>	<u>WACO OGNM</u>	<u>10</u>	<u>0</u>	<u>40</u>	<u>50</u>
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 499 BHT 92.76 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1802 Test 1125 T-On Location 18:35
 (B) First Initial Flow 79 Jars 250 T-Started 19:15
 (C) First Final Flow 220 Safety Joint 75 T-Open 20:55
 (D) Initial Shut-In 1102 Circ Sub _____ T-Pulled 22:55
 (E) Second Initial Flow 257 Hourly Standby _____ T-Out 2:22
 (F) Second Final Flow 317 Mileage WACO = 80 x 1.25 = 100 Comments _____
 (G) Final Shut-In 1092 Sampler _____
 (H) Final Hydrostatic 1674 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 60 Day Standby _____ Total 1550
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1550

Approved By _____ Our Representative [Signature]

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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 28655
LOCATION Oakley, KS
FOREMAN Pat Heisler

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
11-9-10		Retke RFL-#1	16	13	24 ^v	Norton

CUSTOMER
RY Holland, Felder, Inc

MAILING ADDRESS
1612 Westgate CR, Ste 120

CITY
Brentwood

STATE
TN

ZIP CODE
37027

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Pat H.		
466-1727	Miles S.		
	Allen B.		

JOB TYPE Production - O HOLE SIZE 7 7/8 HOLE DEPTH 3620' CASING SIZE & WEIGHT 5 1/2 15.5#

CASING DEPTH 3619' DRILL PIPE _____ TUBING _____ OTHER Day 2 1920'

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 18.9

DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, run Float Equipment, ris up to casing, circ
1 hr on bottom, Pump 500 gal mud flush, then mix 140 sks OWC, 10% salt
clear Pump + Lines, release Plug + Displace 40 BBL H₂O followed w/ 48 BBL
mud @ 700#, Land Plus @ 1100#, release Pressure, Float held,
Drop opening tool, open DV Tool, circ. 1hr
Pat 25 sks in R.H.
mixed 375 sks 6940ppm, 8% salt, 1/4# Flo-Sol, released
Plug + Displaced 36 3/4 BBL H₂O @ 850#, Land Plus @ 2000#
released, Hold
Thank You
Pat + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2730 ⁰⁰	2730 ⁰⁰
5406	75	MILEAGE	450	337 ⁵⁰
426	140 sks	OWC	20 ²⁵	2849 ⁰⁰
1131	400 - sks	6940ppm	13 ⁰⁰	5200 ⁰⁰
1111	6958 #	Salt	140	275 ²⁰
1112B	2752	Bentonite	20	550 ⁴⁰
1107	100 #	Flo-Sol	250	250 ⁰⁰
	500 gal	Mud Flush	100	500 ⁰⁰
5407A	23.78	Tan Mucilage Dilution	150	2675 ²⁵
4155-	1	AEU Float stick	341 ⁰⁰	341 ⁰⁰
4297'	1	batch down w DV Tool	3670 ⁰⁰	3670 ⁰⁰
4130	8	centralizers	56 ⁰⁰	448 ⁰⁰
4104	2	Baskets	263 ⁰⁰	526 ⁰⁰
				20,352 ³⁵
		Less 20%		-4070 ⁸⁷
				16,281 ⁸⁸

SALES TAX _____ ESTIMATED TOTAL _____

DATE _____

AUTHORIZATION TERRY GARRISON TITLE Consultant

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

DRILLER REPORT



Well Name: 2012-01

Location: C 12 30 30 Sec 10 T10 R40E
County: Carbon County WY
Operator: [Name]
Well Depth: 2012
Log Type: [Type]

Equipment: [Details]
Casing: [Details]

Drill Bits: [Details]

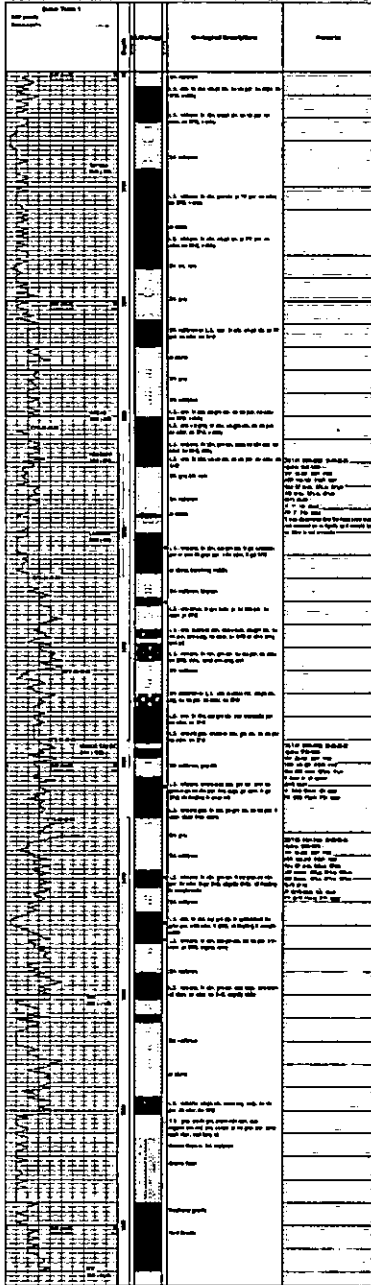
Remarks: [Notes]

Log Type: [Details]

Table with columns: Log Type, Depth, and other parameters.

Log Type: [Details]

Log Type: [Details]



API # 15-137-20534-00-00

Operator: RyHolland Felder, Inc. Well Name & No: Retke RFI #1
 Locallon: 2000 FNL & 370 FEL, Section 16-1s-24w County: Norton State: Kansas
 Rig No.: 10 Contractor: WW Drilling, LLC Tool Pusher: Marty Mills 785-731-8251
 Drill Collars: 14 Size: 6 1/4 x 2 1/4 Rig Phone: 785-259-4570
 Make Pump: National K-380 Liner & Stroke: 6 x 14 Spud 11/03/2010 @ 2:00 pm
 Approx. TD: 3750 Elevation: 2387 K.B. 2392 KB Hole Complete: _____
 Mud Co.: Morgan Mud Mud Engineer: Dave Lines Water Pond _____

Date	11/03/10	11/04/10	11/05/10	11/06/10	11/07/10	11/08/10	11/09/10	11/10/10		
Days	1-spud	2-drlg	3-drlg	4-drlg	5-dst#2	6-cfs	7-circ.casing	8-done		
Depth		400	2720	3320	3424	3510	3620	3620		
Fl. Cut		400	2320	600	104	86	110			
D.T.				1/2 belt guard						
D.T.		8-woc								
C.T.					19.25	18.75	19.75	3		
Bit Wt.	12,000	20,000	35,000	35,000	35,000	35,000				
RPM	110	90	80	80	80	80				
Pressure	600	650	850	900	900	850				
SPM	58	58	58	58	58	58				
Mud Cost			3185	8814	8824	8824	9146			
Mud Wt.		8.7	9.8	8.8	8.8	9				
Viscosity		28	30	65	56	67				
Water Loss				5.6	6.4	6.4				
Chlorides				800	800	800				
L.C.M.				1#	1#	1#				
Dev. Sur										
Dev. Sur		1'-219'			2'@3320					
Fuel	2754	2620	2320	1893	2854	2680	2500	2480		
Water-Pil	4'	2.5'	1'	Full	3/4.	3'	2'			
ACC Bit Hrs.		1.5	23.75	39.75	42.5	48	52.25			
Formallon	sd-sh	sd-sh	sd-sh	sh-lm	sh-lm	sh-lm				
Weather	clear	clear	clear	clear	clear	clear	clear			

No.	Size	Type	Out	FL	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops
1	12 1/4	Smith	219	219	2.5	2.5	RR	C14782	
2	7 7/8	Sm - F-27	3620	3401	62.25	54.75	New	PS 2958	66.11' per hr.
3									
4									

DEPTH	SIZE	SACKS	CEMENT MATERIAL	PLUG DOWN	DRILLED OUT	REMARKS
218	8 5/8	150	Common, 3% cc, 2% gel	9:30 PM	6:30 AM	Consolidated Cem-did circulate
3619	5 1/2	140	owc			Consolidated Cem-did circulate
		400	DV-Tool @ 1920'			

NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY
1	3266-3320	30	60	60	90	300' Water
2	3390-3424	30	60	30	60	620' water w/ os
3	3424-3486	30	60	30	60	437' ocwm, 62' mco
4						
5						
6						
7						
8						
9						

Surface Casing Furnished by: Midwestern Pipeworks: 5 joints 8 5/8, 23 #, tally 211.26', set @ 218'
 Remarks: Spud @ 2:00 pm, surface strapped & welded, Anhydrite 1904-1929, Displaced @ 3060' 640 bbls. Short Trip @ 3320 31 stds. 2.75 hrs. Pipe Strap Short 1.25'. RTD 3620, Logged By Superior 4:15pm-7:30pm LTD 3618 11/08/2010. Ran 86 jts of 5 1/2 set @ 3619' (DV Tool @ 1920') 11/09/2010. Plug down @ 8:00 am, 11/9/10, Rig released @ 10:00 am, 11/9/10.