



KANSAS CORPORATION COMMISSION 1060003
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: Clay 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 #: _____

11/16/2010	11/21/2010	11/21/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20539-00-00

Spot Description: _____
SE SE SE NW Sec. 16 Twp. 1 S. R. 24 East West
2500 Feet from North / South Line of Section
2570 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 #2

Field Name: Unnamed

Producing Formation: Lansing Kansas City

Elevation: Ground: 2291 Kelly Bushing: 2322

Total Depth: 3535 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 221 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1802 Feet

If Alternate II completion, cement circulated from: 1802

feet depth to: 0 w/ 375 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 2500 ppm Fluid volume: 1000 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 Garbar Date: 08/09/2011



1060003

Operator Name: RyHolland Felder, Inc. Lease Name: Retke Well #: RFI #2
 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Retke#2 Depth Formation (Top), and Datum Logs See Log See Log
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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	12.25	8.625	23	221	Common	165	3%cc2%gel
Production Casing	7.875	5.5	15.5	3534	Common	150	8%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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

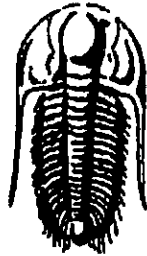
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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 <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	RyHolland Felder, Inc.
Well Name	Retke RFI #2
Doc ID	1060003

All Electric Logs Run

RYHOLLAND FIELDER_RFI RETKE #2_DIL_PDF
RYHOLLAND FIELDER_RFI RETKE #2_LAS
RYHOLLAND FIELDER_RFI RETKE #2_MEL_PDF
RYHOLLAND FIELDER_RFI RETKE #2_POR_PDF
RYHOLLAND FIELDER_RFI RETKE #2_SON_PDF



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **RyHolland Felder Inc**
1612 Westgate CR Ste 120
Brentwood TN 37027

ATTN: Ron Walblay

16-1-24-Norton,KS

Retke # 2

Start Date: 2010.11.19 @ 09:56:14

End Date: 2010.11.19 @ 15:53:29

Job Ticket #: 040963 DST #: 1

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

ORIGINAL

Printed: 2010.12.01 @ 20:05:58 Page 1

RyHolland Felder Inc

Retke # 2

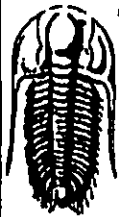
16-1-24-Norton,KS

DST # 1

G

LKC

2010.11.19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

RyHolland Feider Inc

Retke # 2

1812 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton, KS

Job Ticket: 040963

DST#: 1

ATTN: Ron Walblay

Test Start: 2010.11.19 @ 09:58:14

GENERAL INFORMATION:

Formation: G LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:33:59

Time Test Ended: 15:53:28

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 3275.00 ft (KB) To 3315.00 ft (KB) (TVD)

Reference Elevations: 2322.00 ft (KB)

Total Depth: 3315.00 ft (KB) (TVD)

2317.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8364

Inside

Press@RunDepth: 118.43 psig @ 3278.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.19

End Date: 2010.11.19

Last Calib.: 2010.11.19

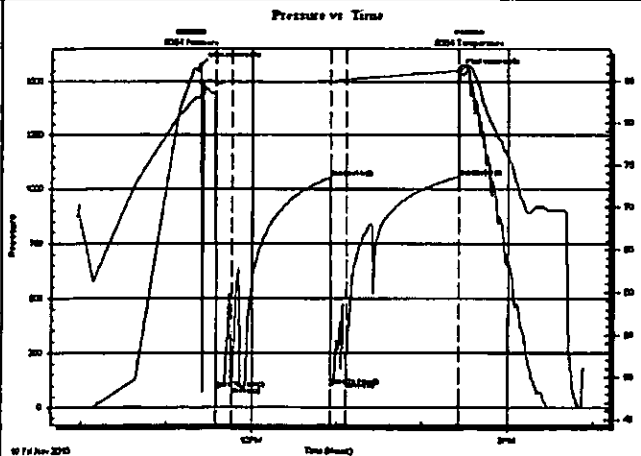
Start Time: 09:56:15

End Time: 15:53:28

Time On Btm: 2010.11.19 @ 11:23:28

Time Off Btm: 2010.11.19 @ 14:26:14

TEST COMMENT: IF-Slid tool 12' to bottom - lost 20' mud - 4 1/2" steady blow
FF-Weak steady blow Plugging



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1574.79	83.19	Initial Hydro-static
11	86.80	84.33	Open To Flow (1)
23	94.38	84.86	Shut-in(1)
92	1055.84	85.08	End Shut-in(1)
93	96.95	84.90	Open To Flow (2)
104	118.43	84.98	Shut-in(2)
182	1058.34	86.23	End Shut-in(2)
183	1545.88	86.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mdy Wlr	0.97

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton,KS

Job Ticket: 040963

DST#: 1

ATTN: Ron Walblay

Test Start: 2010.11.19 @ 09:56:14

Tool Information

Drill Pipe:	Length: 3137.00 ft	Diameter: 3.80 inches	Volume: 44.00 bbl	Tool Weight: 3000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 44.61 bbl</u>	Tool Chased 12.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3275.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			3248.00	
Shut In Tool	5.00			3253.00	
Hydraulic tool	5.00			3258.00	
Jars	5.00			3263.00	
Safety Joint	3.00			3266.00	
Packer	5.00			3271.00	28.00 Bottom Of Top Packer
Packer	4.00			3275.00	
Stubb	1.00			3276.00	
Perforations	1.00			3277.00	
Change Over Sub	1.00			3278.00	
Recorder	0.00	8354	Inside	3278.00	
Recorder	0.00	8520	Outside	3278.00	
Drill Pipe	31.00			3309.00	
Change Over Sub	1.00			3310.00	
Perforations	2.00			3312.00	
Bullnose	3.00			3315.00	40.00 Bottom Packers & Anchor
Total Tool Length:	68.00				



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton,KS

Job Ticket: 040963

DST#: 1

ATTN: Ron Walblay

Test Start: 2010.11.19 @ 09:56:14

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:

bbbl

Water Loss: 5.99 in²

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
150.00	Mdy Wtr	0.975

Total Length: 150.00 ft

Total Volume: 0.975 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

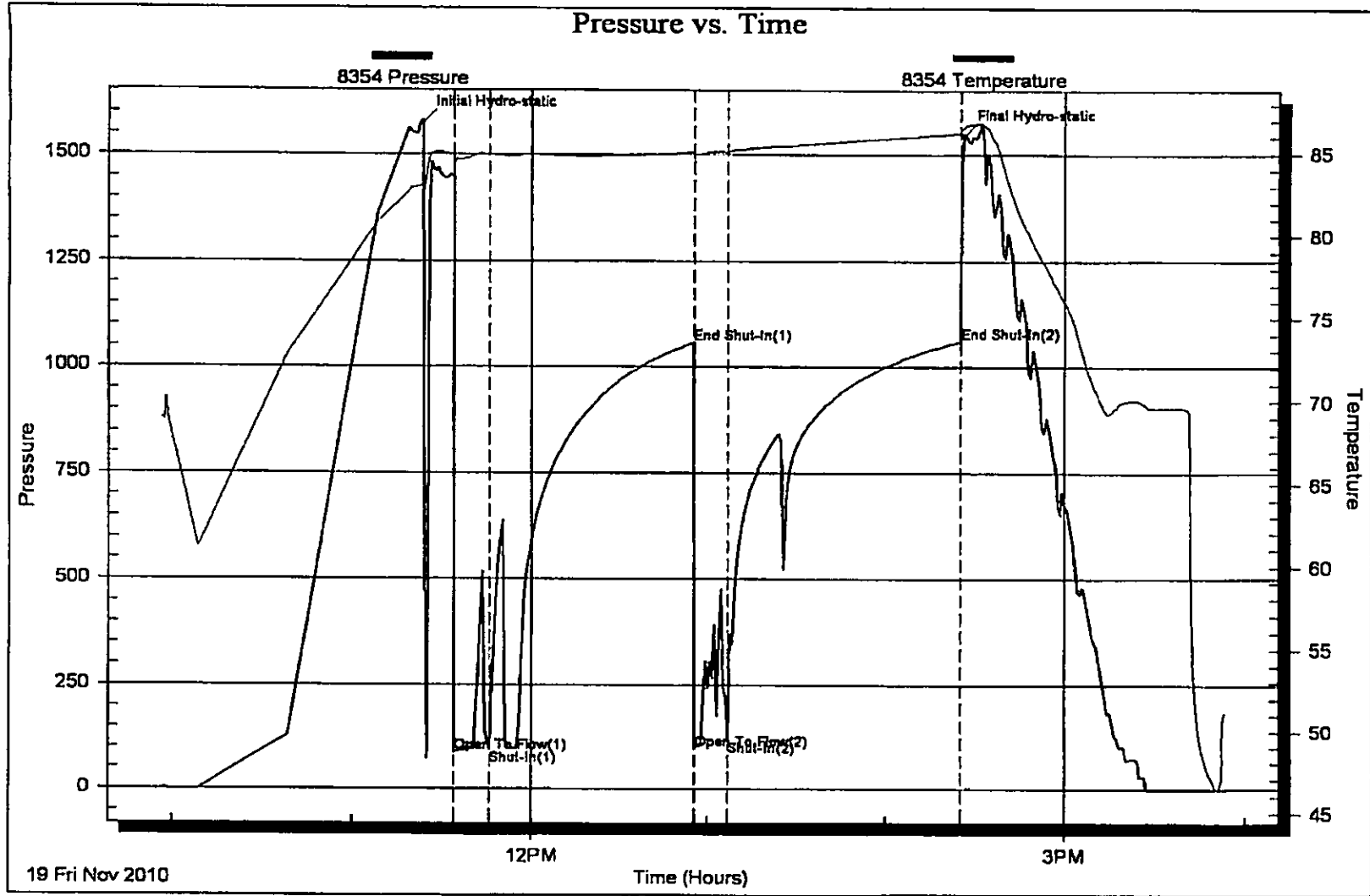
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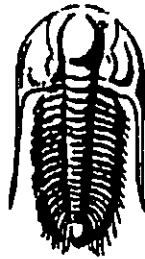
Serial #: 8354

Inside RyHolland Felder Inc

16-1-24-Norton,KS

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **RyHolland Felder Inc**

1612 Westgate CR Ste 120
Brentwood TN 37027

ATTN: Ron Walblay

16-1-24-Norton,KS

Retke # 2

Start Date: 2010.11.19 @ 23:56:22

End Date: 2010.11.20 @ 07:08:52

Job Ticket #: 040964 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

RyHolland Felder Inc

Retke # 2

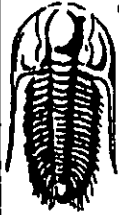
16-1-24-Norton,KS

DST # 2

H

LXC

2010.11.19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton,KS

Job Ticket: 040964 DST#: 2

ATTN: Ron Walblay

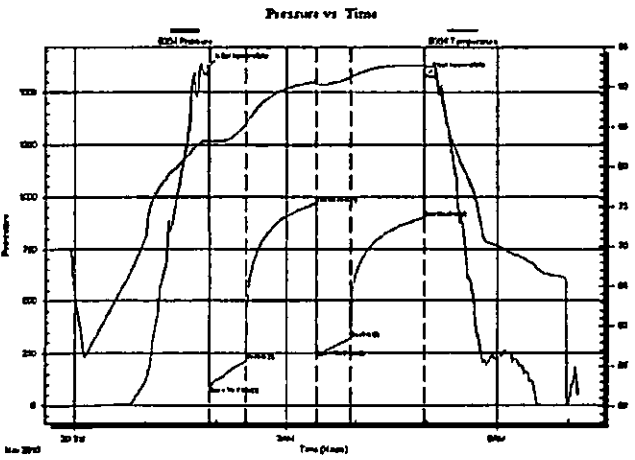
Test Start: 2010.11.19 @ 23:56:22

GENERAL INFORMATION:

Formation: H LKC
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 01:54:07 Tester: Dan Bangle
 Time Test Ended: 07:08:52 Unit No: 38
 Interval: 3315.00 ft (KB) To 3355.00 ft (KB) (TVD) Reference Elevations: 2322.00 ft (KB)
 Total Depth: 3355.00 ft (KB) (TVD) 2317.00 ft (CF)
 Hole Diameter: 7.88 Inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8354 Inside
 Press@RunDepth: 318.92 psig @ 3318.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.11.19 End Date: 2010.11.20 Last Calb.: 2010.11.20
 Start Time: 23:56:23 End Time: 07:08:52 Time On Burr: 2010.11.20 @ 01:53:07
 Time Off Blm: 2010.11.20 @ 04:59:07

TEST COMMENT: IF-Strong B-B in 3 min
 ISI-Weak building to 1/4"
 FF-Strong B-B in 5 min
 FSI-Weak building to 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1622.04	83.47	Initial Hydro-static
1	51.16	82.99	Open To Flow (1)
33	212.86	85.34	Shut-in(1)
92	965.60	90.57	End Shut-in(1)
93	229.73	90.37	Open To Flow (2)
122	318.92	91.19	Shut-in(2)
185	898.63	92.64	End Shut-in(2)
186	1578.62	92.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	Mdy Wtr	3.22
60.00	MCGsyO 5%g 65%o 30%m	0.84
60.00	MCGsyO 10%g 70%o 20%m	0.84
188.00	CGsyO 10%g 80%o	2.64
0.00	120 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton, KS

Job Ticket: 040964

DST#: 2

ATTN: Ron Walby

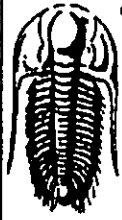
Test Start: 2010.11.19 @ 23:56:22

Tool Information

Drill Pipe:	Length: 3193.00 ft	Diameter: 3.80 inches	Volume: 44.79 bbl	Tool Weight: 3000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 45.40 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3315.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			3288.00	
Shut In Tool	5.00			3293.00	
Hydraulic tool	5.00			3298.00	
Jars	5.00			3303.00	
Safety Joint	3.00			3306.00	
Packer	5.00			3311.00	28.00 Bottom Of Top Packer
Packer	4.00			3315.00	
Stubb	1.00			3316.00	
Perforations	1.00			3317.00	
Change Over Sub	1.00			3318.00	
Recorder	0.00	8354	Inside	3318.00	
Recorder	0.00	8520	Outside	3318.00	
Drill Pipe	31.00			3349.00	
Change Over Sub	1.00			3350.00	
Perforations	2.00			3352.00	
Bullnose	3.00			3355.00	40.00 Bottom Packers & Anchor
Total Tool Length:	68.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RyHolland Felder Inc

Retke # 2

1812 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton,KS

Job Ticket: 040964

DST#: 2

ATTN: Ron Walblay

Test Start: 2010.11.19 @ 23:56:22

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

78000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	Mdy Wtr	3.219
60.00	MCGsyO 5%g 65%o 30%m	0.842
60.00	MCGsyO 10%g 70%o 20%m	0.842
188.00	CGsyO 10%g 90%o	2.637
0.00	120 GP	0.000

Total Length: 618.00 ft

Total Volume: 7.540 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial#:

Laboratory Name:

Laboratory Location:

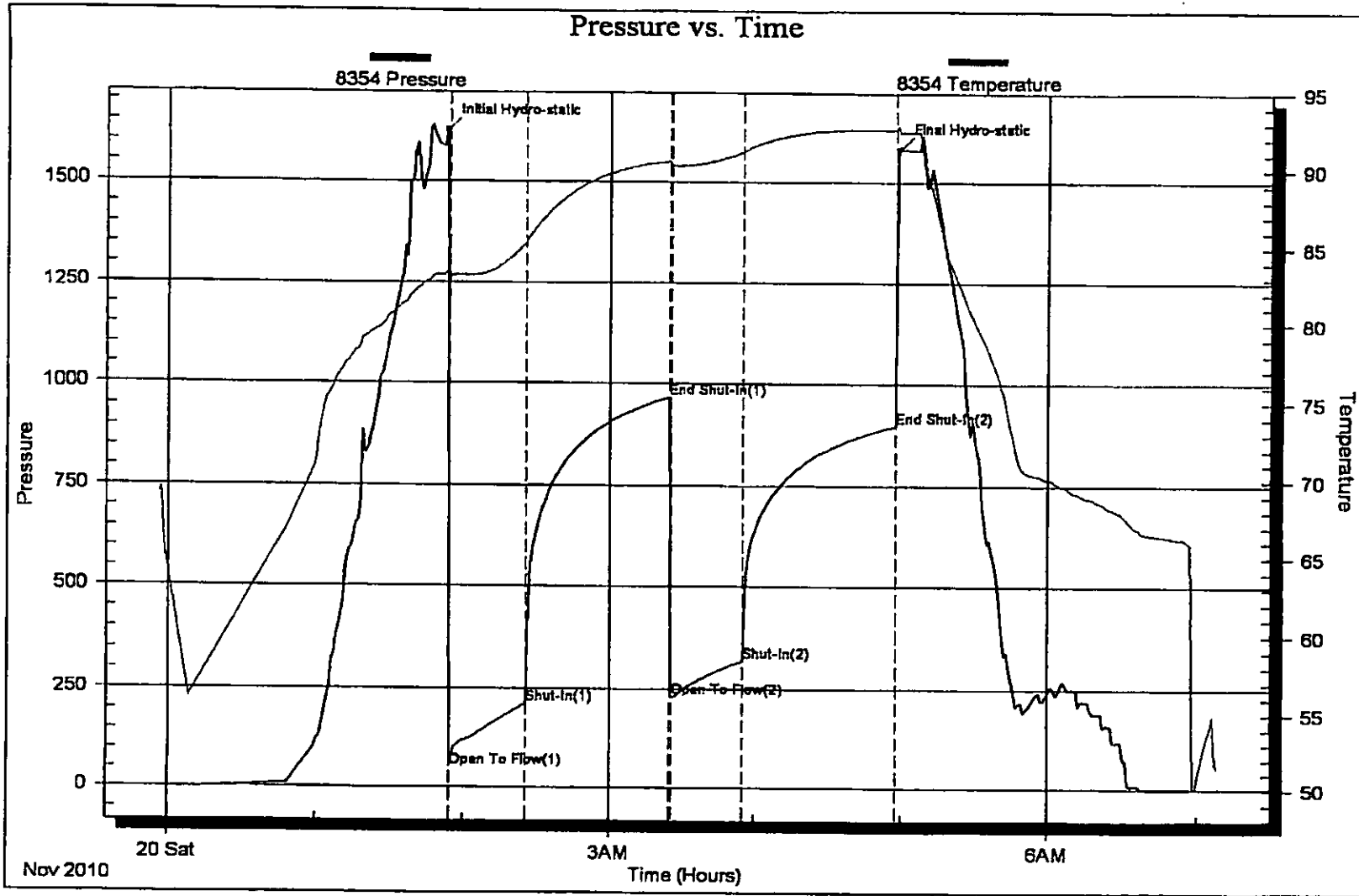
Recovery Comments: Rw .06 @ 72 = 78000ppm

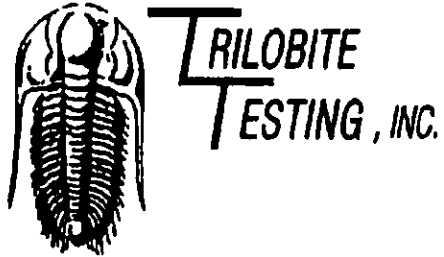
Serial #: 8354

Inside RyHofland Felder Inc

16-1-24-Norton,KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **RyHolland Felder Inc**
1612 Westgate CR Ste 120
Brentwood TN 37027

ATTN: Ron Walblay

16-1-24-Norton,KS

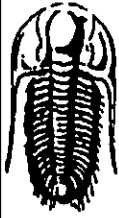
Retke # 2

Start Date: 2010.11.20 @ 13:50:18

End Date: 2010.11.20 @ 19:25:48

Job Ticket #: 040965 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

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton, KS

Job Ticket: 040965

DST#: 3

ATTN: Ron Walblay

Test Start: 2010.11.20 @ 13:50:18

GENERAL INFORMATION:

Formation: J LK
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:41:48
Time Test Ended: 19:25:48

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: 3353.00 ft (KB) To 3380.00 ft (KB) (TVD)
Total Depth: 3380.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2322.00 ft (KB)
2317.00 ft (CF)
KB to GR/CF: 5.00 ft

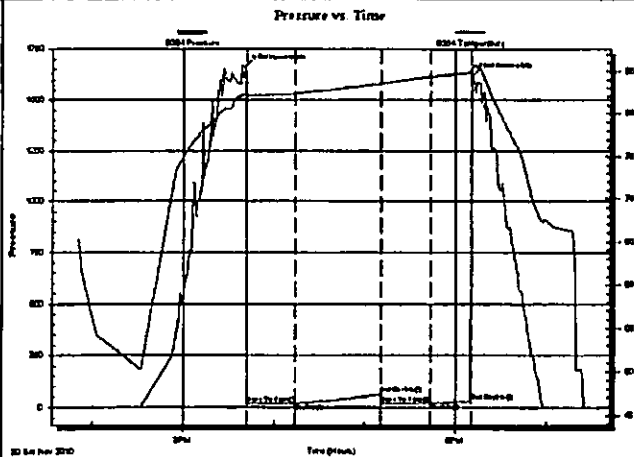
Serial #: 8354

Inside

Press@RunDepth: 19.67 psig @ 3354.00 ft (KB)
Start Date: 2010.11.20 End Date: 2010.11.20
Start Time: 13:50:19 End Time: 19:25:48

Capacity: 8000.00 psig
Last Calib.: 2010.11.20
Time On Btm: 2010.11.20 @ 15:40:18
Time Off Btm: 2010.11.20 @ 18:11:18

TEST COMMENT: IF-Weak died in 12 min
FF-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1662.48	82.32	Initial Hydro-static
2	16.37	82.04	Open To Flow (1)
34	17.92	82.38	Shut-in(1)
91	63.62	83.54	End Shut-in(1)
91	18.77	83.52	Open To Flow (2)
124	19.67	84.36	Shut-in(2)
151	28.69	84.89	End Shut-in(2)
151	1620.14	85.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig Mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton, KS

Job Ticket: 040965

DST#: 3

ATTN: Ron Watbay

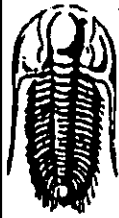
Test Start: 2010.11.20 @ 13:50:18

Tool Information

Drill Pipe:	Length: 3226.00 ft	Diameter: 3.80 inches	Volume: 45.25 bbl	Tool Weight: 3000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3353.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	55.00 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			3326.00	
Shut In Tool	5.00			3331.00	
Hydraulic tool	5.00			3336.00	
Jars	5.00			3341.00	
Safety Joint	3.00			3344.00	
Packer	5.00			3349.00	28.00 Bottom Of Top Packer
Packer	4.00			3353.00	
Stubb	1.00			3354.00	
Recorder	0.00	8354	inside	3354.00	
Recorder	0.00	8520	Outside	3354.00	
Perforations	23.00			3377.00	
Bullnose	3.00			3380.00	27.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton,KS

Job Ticket: 040965

DST#: 3

ATTN: Ron Walblay

Test Start: 2010.11.20 @ 13:50:18

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:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

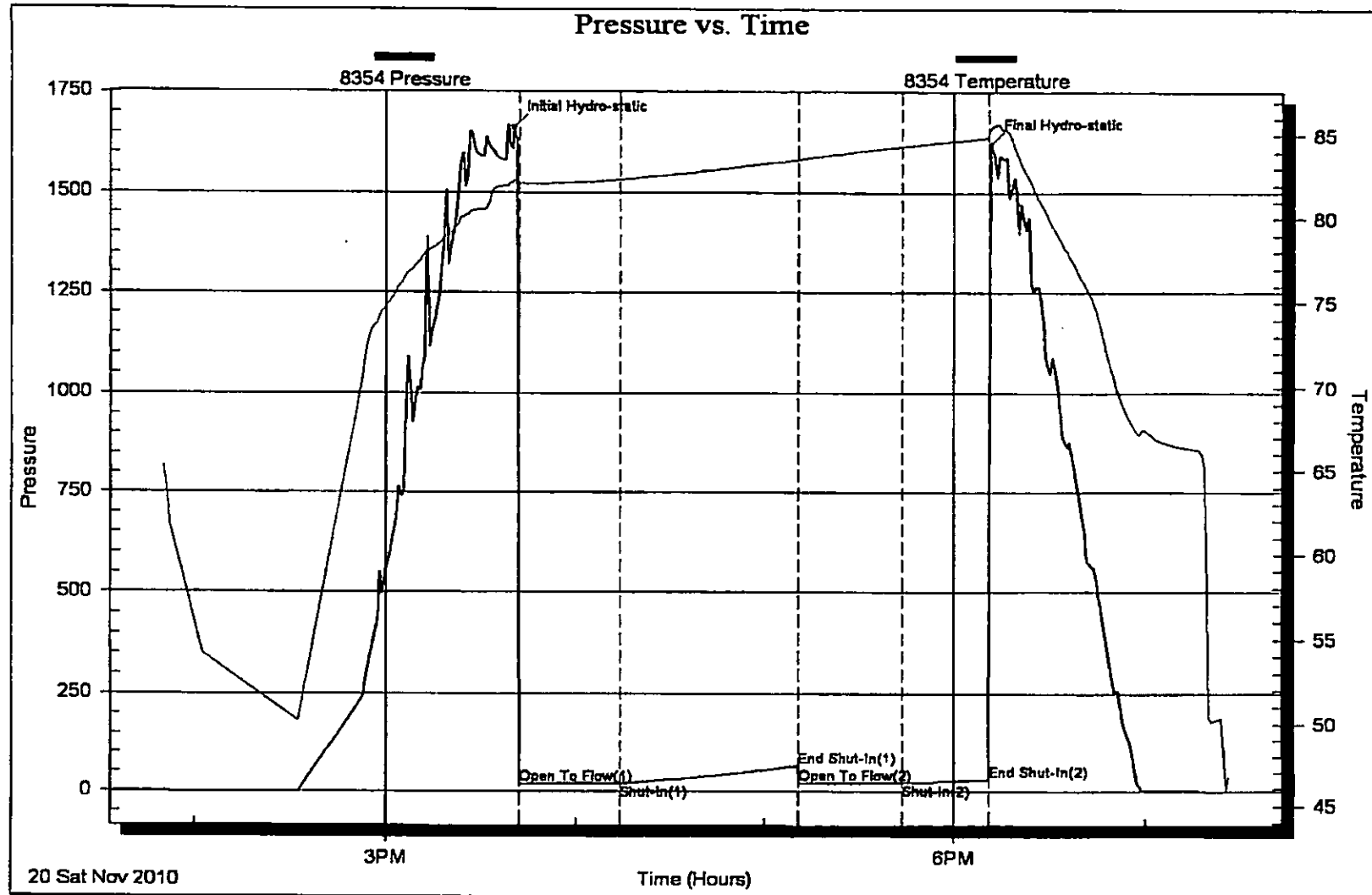
Recovery Comments:

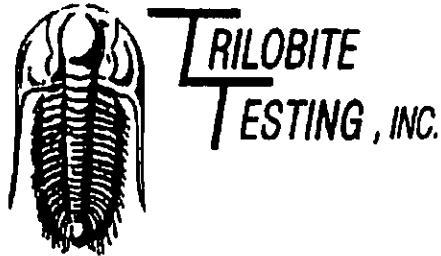
Serial #: 8354

Inside RyHolland Felder Inc

16-1-24-Norton,KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **RyHolland Felder Inc**
1612 Westgate CR Ste 120
Brentwood TN 37027

ATTN: Ron Walblay

16-1-24-Norton,KS

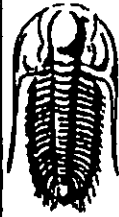
Retke # 2

Start Date: 2010.11.20 @ 22:58:55

End Date: 2010.11.21 @ 06:17:40

Job Ticket #: 040966 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

RyHolland Feider Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton, KS

Job Ticket: 040966

DST#: 4

ATTN: Ron Walblay

Test Start: 2010.11.20 @ 22:58:55

GENERAL INFORMATION:

Formation: K LKC
 Deviated: No Whipslock ft (KB)
 Time Tool Opened: 00:50:10
 Time Test Ended: 06:17:40

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 38

Interval: 3378.00 ft (KB) To 3405.00 ft (KB) (TVD)
 Total Depth: 3405.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2322.00 ft (KB)
 2317.00 ft (CF)
 KB to GR/CF: 5.00 ft

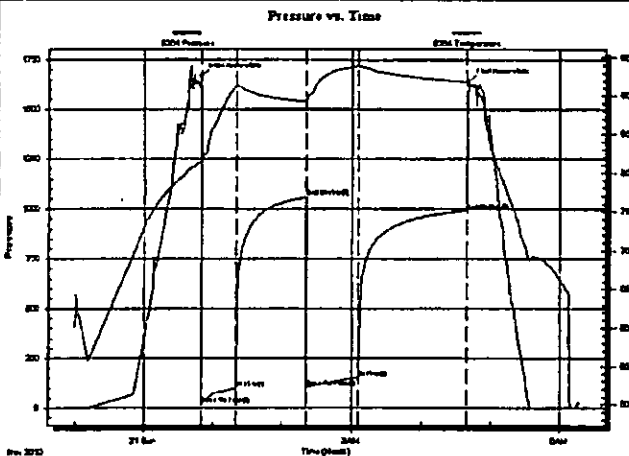
Serial #: 8354

Inside

Press@RunDepH: 152.74 psig @ 3379.00 ft (KB)
 Start Date: 2010.11.20 End Date: 2010.11.21
 Start Time: 22:58:56 End Time: 06:17:40

Capacity: 8000.00 psig
 Last Calb.: 2010.11.21
 Time On Btm: 2010.11.21 @ 00:48:55
 Time Off Btm: 2010.11.21 @ 04:41:10

TEST COMMENT: IF-Weak building to 14"
 ISI-Weak surface blow - died in 15 min
 FF-Weak building to 12"
 FSI-Weak surface blow - died in 10 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1672.10	81.51	Initial Hydro-static
1	19.96	81.11	Open To Flow (1)
31	97.72	91.21	Shut-in(1)
91	1058.20	89.27	End Shut-in(1)
91	101.71	88.95	Open To Flow (2)
136	152.74	93.89	Shut-in(2)
230	992.64	91.85	End Shut-in(2)
232	1645.36	91.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	Mdy Wtr	3.22

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton,KS

Job Ticket: 040966

DST#: 4

ATTN: Ron Watblay

Test Start: 2010.11.20 @ 22:58:55

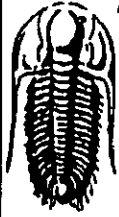
Tool Information

Drill Pipe:	Length: 3227.00 ft	Diameter: 3.80 inches	Volume: 45.27 bbl	Tool Weight: 3000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3378.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	55.00 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			3351.00	
Shut In Tool	5.00			3356.00	
Hydraulic tool	5.00			3361.00	
Jars	5.00			3366.00	
Safety Joint	3.00			3369.00	
Packer	5.00			3374.00	28.00 Bottom Of Top Packer
Packer	4.00			3378.00	
Stubb	1.00			3379.00	
Recorder	0.00	8354	Inside	3379.00	
Recorder	0.00	8520	Outside	3379.00	
Perforations	23.00			3402.00	
Bullnose	3.00			3405.00	27.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RyHolland Felder Inc

Retke # 2

1612 Westgate CR Ste 120
Brentwood TN 37027

16-1-24-Norton, KS

Job Ticket: 040966

DST#: 4

ATTN: Ron Wablay

Test Start: 2010.11.20 @ 22:58:55

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:

60000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	Mdy Wtr	3.219

Total Length: 310.00 ft Total Volume: 3.219 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial#:

Laboratory Name:

Laboratory Location:

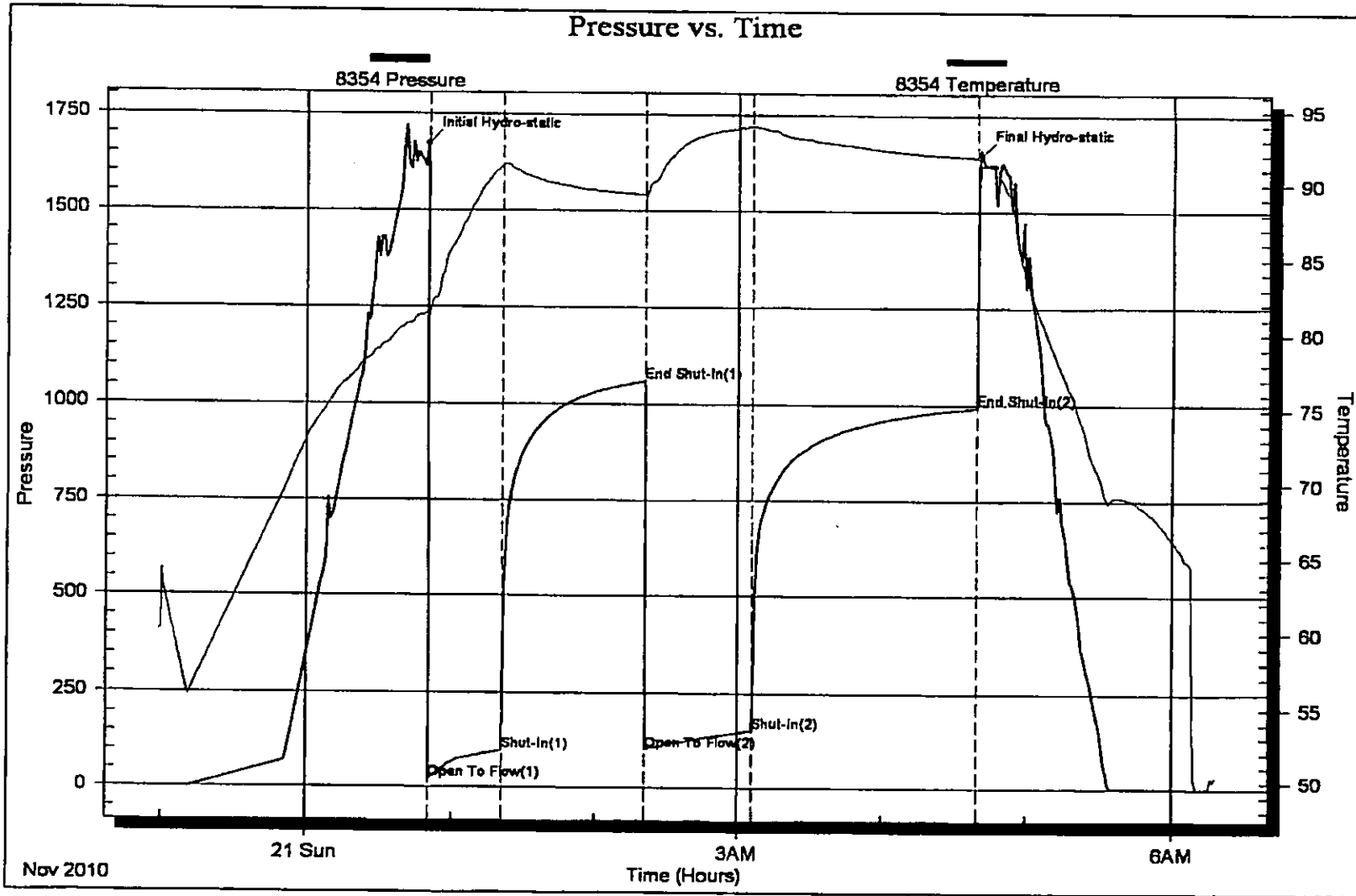
Recovery Comments: Rw .15 @ 60 = 60000ppm

Serial #: 8354

Inside RyHolland Felder Inc

16-1-24-Norton,KS

DST Test Number: 4





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

NOV 22 2010

Test Ticket

NO. 040963

Well Name & No. Retke #2 Test No. 1 Date 11-19-10
 Company Ry Holland Felder Inc. Elevation 2322 KB 2317 GL
 Address 1612 Westgate CR Ste 120 Brentwood TN 37027
 Co. Rep / Geo. Clayton Erickson Rig WW #10
 Location: Sec. 16 Twp. 1 Rge. 24 Co. Norton State Ks

Interval Tested 3275 — 3315 Zone Tested G LKC
 Anchor Length 40 Drill Pipe Run 3137 Mud Wt. 9
 Top Packer Depth 3270 Drill Collars Run 124 Vis 55
 Bottom Packer Depth 3275 Wt. Pipe Run — WL 6
 Total Depth 3315 Chlorides 1700 ppm System LCM 1/2#

Blow Description I.F. Slid Tool 12' to bottom - lost 20' mud -
4 1/2" steady blow
E.F. weak steady blow

Plugging

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>mdy WTC</u>				
Rec	Feet of	%gas	%oil	%water	%mud
F Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
F Rec	Feet of	%gas	%oil	%water	%mud

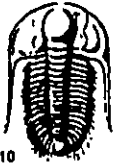
Rec Total 150 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1574 Test 125 T-On Location 08:45
 (B) First Initial Flow 86 Jars X 250 T-Started 09:56
 (C) First Final Flow 94 Safety Joint X 75 T-Open 11:25
 (D) Initial Shut-In ~~1055~~ Circ Sub _____ T-Pulled 14:20
 (E) Second Initial Flow 986 Hourly Standby _____ T-Out 15:53
 (F) Second Final Flow ~~118~~ Mileage 80 RT 100 Comments _____
 (G) Final Shut-In 1058 Sampler _____
 (H) Final Hydrostatic 1545 Straddle _____

Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1550
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1550

Approved By _____ Our Representative Don Rangle

TriLOBITE Testing Inc. shall not be liable for damaged or 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 22 2010

Test Ticket

NO. 040965

BY: _____

Well Name & No. Retke #2 Test No. 3 Date 11-20-10

Company Ry Holland Felder Inc Elevation 2322 KB 2317 GL _____

Address _____

Co. Rep / Geo. Clayton Erickson Rig WW#10

Location: Sec. 16 Twp. 1 Rge. 24 Co. Nefton State Ks

Interval Tested 3353 — 3380 Zone Tested J LKC

Anchor Length 27 Drill Pipe Run 3226 Mud Wt. 9

Top Packer Depth 3348 Drill Collars Run 124 Vis 5.5

Bottom Packer Depth 3353 Wt. Pipe Run — WL 6

Total Depth 3380 Chlorides 1700 ppm System LCM 1/2#

Blow Description I.F. Weak - died in 12 min.

E.F. No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Dalg Mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1662 Test 1125 T-On Location _____

(B) First Initial Flow 16 Jars X 250 T-Started 12:00

(C) First Final Flow 17 Safety Joint X 75 T-Open 13:50

(D) Initial Shut-In 63 Circ Sub _____ T-Pulled 16:20

(E) Second Initial Flow 18 Hourly Standby _____ T-Out 19:25

(F) Second Final Flow 19 Mileage _____ Comments _____

(G) Final Shut-In 28 Sampler _____

(H) Final Hydrostatic 1620 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____

Initial Shut-In 60 Extra Packer _____ Extra Copies _____

Final Flow 30 Extra Recorder _____ Sub Total 8

Final Shut-In 30 Day Standby _____ Total 1450

Accessibility _____ MP/DST Disc'l _____

Sub Total 1450

Approved By _____ Our Representative Don Baugh

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 22 2010

Test Ticket

NO. 040966

Well Name & No. Retke #2 Test No. 4 Date 11-20-10
 Company Ry Holland Felder Inc Elevation 2322 KB 2317 GL
 Address _____
 Co. Rep / Geo. Clayton Erickson Rig WW#10
 Location: Sec. 16 Twp. 1 Rge. 24 Co. Norton State Ks

Interval Tested 3378 — 3405 Zone Tested K LKC
 Anchor Length 27 Drill Pipe Run 3227 Mud Wt. 9.2
 Top Packer Depth 3373 Drill Collars Run 124 Vis 60
 Bottom Packer Depth 3378 Wt. Pipe Run — WL 6
 Total Depth 3405 Chlorides 1700 ppm System LCM 1/2 #

Blow Description F.F. Weak - building to 14"
151 - Weak surface blow - died in 15 min
F.F. Weak - building to 12"
151 - Weak - surface blow - died in 10 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>310</u>	<u>mdy wtr</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 310 BHT 91 Gravity API RW 1.15 @ 60 F Chlorides 60000 ppm

(A) Initial Hydrostatic <u>1672</u>	<input type="checkbox"/> Test <u>1125</u>	T-On Location <u>22:10</u>
(B) First Initial Flow <u>19</u>	<input type="checkbox"/> Jars <u>X 250</u>	T-Started <u>22:58</u>
(C) First Final Flow <u>97</u>	<input type="checkbox"/> Safety Joint <u>X 75'</u>	T-Open <u>00:50</u>
(D) Initial Shut-In <u>1058</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>04:35</u>
(E) Second Initial Flow <u>101</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>06:17</u>
(F) Second Final Flow <u>152</u>	<input type="checkbox"/> Mileage <u>80RT 100</u>	Comments _____
(G) Final Shut-In <u>992</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1645</u>	<input type="checkbox"/> Straddle	

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1550</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1550</u>	

Approved By _____ Our Representative Don Rangle
 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.



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 28660
LOCATION Oakley, Ks
FOREMAN Pat Heister

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-22-00		Ratke RE1 #2	16	15	24 ⁰⁰	Morton
CUSTOMER		RY Holland Felder, Inc				
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
463 ⁰⁰	Miles S.		
466-T127	Chad S.		
558	Josh G.		

JOB TYPE Pool-0 HOLE SIZE 7 7/8 HOLE DEPTH 3535' CASING SIZE & WEIGHT 5 1/2 - 15 1/2 #
 CASING DEPTH 3534' DRILL PIPE _____ TUBING _____ OTHER DY-1800
 SLURRY WEIGHT 14.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 16.43'
 DISPLACEMENT 85 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE 6 BPM

REMARKS: Safety Manning, run Float Equip, rig up to casing, Circ 1 Hr
Pump 500 gal Mud Flush, mixed 150 sks OWC, 10% S.H. 2% Cal
Clear Pump + Lines Displace, 43 BPM, Hold end 42 BPM mud 2 650#
Landlock Plug 2 1300#, release Pressure, Float Hold, Open DV Tool
Circ 3 Hrs
Mixed 25 sks R.W.
Mixed 375 sks 6 1/4 in pipe, 8% Cal 4# Flo Seal
Clear Pump + Lines, Released Plug + Displace 44 BPM Hold 2 650#
Landlock Plug 2 1500#, release Pressure, Hold

Thank You
Pat + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE		
5406	75	MILEAGE	2730 ⁰⁰	2,730 ⁰⁰
1126	150 sks	OWC OWC	4.50	337 ⁵⁰
1131	400 sks	6% OWC	20 ³⁵	3,052 ⁵⁰
1111	737 #	Salt	13 ⁰⁰	5,200 ⁰⁰
1118B	2752 #	Bentonite	1.40	294 ⁰⁰
1107	100 #	Flo Seal	1.20	550 ⁴⁰
	500 gal	Mud Flush	2.50	250 ⁰⁰
5407A	24.25	Tool mileage Delivery	1.00	500 ⁰⁰
4158	1	5 1/2 AFH Float Shoe	150	2,728 ⁵⁰
4130	9	5 1/2 Centralizers	341 ⁰⁰	341 ⁰⁰
4204	2	Baskets	56 ⁰⁰	504 ⁰⁰
4227	1	DY Tool	263 ⁰⁰	526 ⁰⁰
			3670 ⁰⁰	3670 ⁰⁰
				20,684 ⁷⁰
		Less 20% Disc		4136 ⁹⁵
				16,547 ⁹⁵

Rev'n 3/37

AUTHORIZATION [Signature] TITLE _____ DATE _____
 SALES TAX _____ ESTIMATED TOTAL _____

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.

WOODS WELLS CO. LOG



Well Name: 21742 #1
Location: C 23 24 25 Sec 10 T10 R10W

Well Number: 11742 #1
County: Kansas, State: Kansas
Operator: Woods Wells Co.
Leasehold Interest: 100%

Well Status: Producing
Well Type: Oil
Well Depth: 21742 #1

Company: Oklahoma Energy
Address: 1415 Westwood Plaza
Oklahoma, OK 73107

State: Oklahoma
County: Oklahoma
Address: 1415 Westwood Plaza
Oklahoma, OK 73107

Notes: This well is a 21742 #1 well. It is a 21742 #1 well. It is a 21742 #1 well.

Log Data: 21742 #1 well. Log data for 21742 #1 well. Log data for 21742 #1 well.

Table with 2 columns: Log Type and Amount. Rows include: 21742 #1, 21742 #2, 21742 #3, 21742 #4, 21742 #5, 21742 #6, 21742 #7, 21742 #8, 21742 #9, 21742 #10.

Table with 2 columns: Log Type and Amount. Rows include: 21742 #1, 21742 #2, 21742 #3, 21742 #4, 21742 #5, 21742 #6, 21742 #7, 21742 #8, 21742 #9, 21742 #10.

Log Type: Oil
Amount: 100%

Main log data table with columns: Depth (ft), Log Type, Amount, and Remarks. Contains detailed well log data for 21742 #1 well.

DRYDEN WELLETTS COLONY



Scale 1:500 (1"=100') Imperial
Reduced Down Log

Well Name: 127202 01
Location: C 437 00 00 00 11 716 1240W
License Number: 11/62074
Survey Dates: 11/62074
Survey Coordinates: 11/62074
Datum: NAD 83
Well Depth: 2520
Type of Well: Production
Produced by: 127202 01 01
Produced by: 127202 01 01

Company: National Petroleum
1615 Westwood Plaza
Beverly Hills, CA 90212

Operator: National Petroleum
1615 Westwood Plaza
Beverly Hills, CA 90212

Comments:
Please refer to the well log for details. The well is a production well.

Notes:
The well is a production well. The well is a production well.

Formation Test Summary

Log Type	Depth (ft)	Formation	Pressure (psi)	Temperature (°F)
...

Well Test Summary

Well Name	Depth (ft)	Flow Rate (bbl/d)	Pressure (psi)
...

Well Test Summary

Well Name	Depth (ft)	Flow Rate (bbl/d)	Pressure (psi)	Temperature (°F)	Notes
...

API # 15-137-20539-00-00

Operator: RyHolland Fielder Inc.

Well Name & No: Retke RFI # 2

Location: 2500' FNL & 2550' FWL, Section 16-1s-24w

County: Norton

State: Kansas

Rig No.: 10 Contractor: WW Drilling, LLC

Tool Pusher: Marty Mills - 785-259-0814

Drill Collars: 14 Size: 6 1/4 x 2 1/4

Rig Phone: 785-2269-4670

Make Pump: National K-380

Liner & Stroke: 6 x 14

Spud 11/18/2010 @ 1:30 PM

Approx. TD: 3550 Elevation: 2317

K.B. 2322

KB Hole Complete: 11/21/2010 @ 3:00 PM

Mud Co.: Morgan Mud

Mud Engineer: Dave Lines

Water pond

Date	11/16/10	11/17/10	11/18/10	11/19/10	11/20/10	11/21/10	11/22/10	11/23/10		
Days	1-spud	2-drig	3-drig	4-short trip	5-dst #2	6-dst # 4	7-Run Pipe	8-done		
Depth		750	2765	3315	3355	3405	3535	3535		
Fl. Cul		750	2015	650	40	50	130			
D.T.							1/4 Premix			
D.T.		8-woc		1/2-wop	1/4-brakes	1/2-filler				
C.T.				5.75	21.75	21.75	21	9.5		
Bit Wt.		20,000	30,000	35,000	35,000	35	35,000			
RPM		90	80	80	80	80	80			
Pressure		650	850	950	950	950	900			
SPM		58	58	58	58	58	58			
Mud Cost		718	6330	8559	8559	8559	8849	8849		
Mud Wt.			9.1	8.8	9	9.2	9.3			
Viscosity			29	62	55	60	60			
Water Loss					6	6	6.4			
Chlorides					1700	1200	1900			
L.C.M.				trace	1/2 #	1/2 #	2#			
Dev. Sur		1"@221'			1"-3315		1"@3535			
Dev. Sur										
Fuel	2750	2620	2259	1954	1771	1529	1352	1250		
Water-Pit	full	1/2.	1/2.	2.5'	full	3.5'	3/4.			
ACC Bl Hrs.		6	28.75	45.5	47.5	49.25	64.25			
Formallon	sd-sh	sd-sh	sh-lm	sh-lm	sh-lm	sh-lm	sh-lm			
Weather	clear	Lt.Snow	cloudy	cloudy	cloudy	foggy	cloudy	cloudy		
No.	Size	Type	Out	Fl.	Hrs.	Cum Hrs.	Blit Cond	Serial #	Tops	
1	12 1/4	Smith	221	221	..2	2	RR	C 14782		
2	7 7/8	Sm - F-27	3535	3314	54.25	56.25	New	PS 3807	62.84	
3										
4										
DEPTH	SIZE	SACKS	CEMENT MATERIAL			PLUG DOWN	DRILLED OUT	REMARKS		
221	8 5/8	165	Common, 3% cc, 2% gel			5:00 PM	1:00 AM	Allied Did Circulate		
3533	5 1/2	160	bottom stage-owc							
		375	upper stage			2:30 PM		Consolldated-did circulate		
NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY				
1	3275-3315 (G)	30	60	30	60	150' muddy water				
2	3315-3355 (H)	30	60	30	60	180' glp, 188' cgo, 120' mcgo, 310' water				
3	3333-3380 (J)	30	60	30	30	5' mud				
4	3378-3405 (K)	30	60	45	80	310' water				
5										
6										
7										
8										
9										

Surface Casing Furnished by: Midwest Pipe: 5 joints, 8 5/8, 23 #, tally 213.62 Set @ 219'

Remarks: Spud @ 1:30 PM, Strapped and Welded. Anhydrite 1833-1857', Short trip @ 3315', 30 stands,(2.5 hrs), pipe strap @ 3315(2.55 short),RTD @ 3535 @ 3:00PM 11/21/2010, Logged by Superior 7:15-11:12 PM 11/21/2010 LTD 3535', ran 88 joints 5 1/2(DV tool @ 1802), plug down @ 2:30 by Consolldated, rig released @ 4:30 pm on 11/23/2010.