



KANSAS CORPORATION COMMISSION 1090543
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 # 3956
Name: Brungardt Oil and Leasing Inc.
Address 1: 529 E 14TH
Address 2: PO BOX 871
City: RUSSELL State: KS Zip: 67665 + 1731
Contact Person: Gary Brungardt
Phone: (785) 483-4975
CONTRACTOR: License # 5184
Name: Shields Oil Producers Inc.
Wellsite Geologist: Steven P. Murphy
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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>5/2/2012</u>	<u>5/8/2012</u>	<u>5/08/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23787-00-00

Spot Description: _____

E2 SW SW SW Sec. 11 Twp. 12 S. R. 13 East West

330 Feet from North / South Line of Section

575 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Russell

Lease Name: Finkenbinder Well #: 1

Field Name: _____

Producing Formation: Kansas City

Elevation: Ground: 1647 Kelly Bushing: 1652

Total Depth: 3000 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 220 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 53000 ppm Fluid volume: 700 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 Garrison Date: 08/21/2012



1090543

Operator Name: Brungardt Oil and Leasing Inc. Lease Name: Finkenbinder Well #: 1
 Sec. 11 Twp. 12 S. R. 13 East West County: Russell

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Geologist report
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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	24	220	common	150	3%cc 2% 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 66568

No. 283

Date	5/21/12	Sec.	11	Twp.	12	Range	13	County	Russell	State	KS	On Location		Finish	3:15 AM
Lease	Finkbeiner PC		Well No.	1		Location: Hunter LN 9 1/2 N, W 1 N, E 10									
Contractor	Shields Drilling		Owner:												
Type Job	Surface		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.												
Hole Size	12 1/4"		T.D.	223'											
Csg.	5 7/8"		Depth	220'											
Tbg. Size			Depth	Charge To: Brunard Oil											
Tool			Depth	Street: J											
Cement Left in Csg.	15'		Shoe Joint	City: State:											
Meas Line			Displace	13 Blks.											
			Cement Amount Ordered	130 yd (on 3/11 20h ap)											

EQUIPMENT

Pumptrk	15	No.	Cementer	Paul	Common
			Helper		
Bulktrk	10	No.	Driver	Coody	Poz. Mix
			Driver		
Bulktrk	02	No.	Driver	Paul	Gel.
			Driver		

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole:	Hulls
Mouse Hole:	Salt
Centralizers:	Flowseal
Baskets:	Kol-Seal
DN or Port Collar:	Mud CLR 48
ESP Circ.	CFL-117 or CD110 CAF.38
Max ROEX	Sand
Disc. Plug	Handling
Controlled Cementation	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	4 1/8"
APU Inserts	
Float Shoe	
Latch Down	Wood plug
Pumptrk Charge	
Mileage	

Quality Oilwell Cementing

Signature	Tax
	Discount
	Total Charge

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 66565

No. 387

Date	5-8-12	Sec.	11	Twp.	12	Range	13	County	RUSSELL	State	KANSAS	On Location		Finish	2:45pm	
Lease	FINKBENDER		Well No.	#1		Location	RUSSELL 9 1/2 N - 1 mi W - 1 mi N E INTO									
Contractor	SHIELDS DRILLING					Owner	BRUNGART OIL & LEASING									
Type Job	ROTOR PLUG					To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Hole Size	8 7/8"		T.D.	3000'												
Csg.	5 1/2"		Depth													
Tbg. Size			Depth													
Tool			Depth													
Cement Left in Csg.			Shoe Joint													
Meas Line			Displace													
				Cement Amount Ordered 180 SKS 6 1/4" 4" OGEL 4" FLO												

EQUIPMENT

Pumptrk #15 No.	Cement	Helper	Paul	Corimon
Bulktrk #10 No.	Driver	Bevin	Poz. Mix	
Bulktrk #10 No.	Driver	Arco	Gel.	

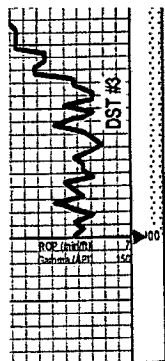
JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand

1st @ 685'	25 SKS	Handling
2nd @ 300'	100 SKS	Mileage
3rd @ 40'	10 SKS	FLOAT EQUIPMENT
RATHOLE	30 SKS	Guide Shoe
MOUSEHOLE	15 SKS	Centralizer
		Baskets
		AFU Inserts
		Float Shoe
		Latch Down

Quality Oilwell Cementing

Signature	1-8 7/8" Rotor Hole Plug	Pumptrk Charge	Mileage	Tax	Discount	Total Charge
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• LS: as above w/fgd vug por, sl foss, gsf & str, str odor (minor amt cht & chtk)

LS: crm-gry, vfin, dense, abund fresh cht, NS

LS & Cht: as above

RTD - 3000' (No Log Run)

FFP: 37-40 FSIP: 418
 BHT: 95 F
 Chlorides: 31,000 ppm

DST #3 2960-3000 (LKC "G")
 45:45:45

IF: Blow built to 5-1/2", no return

FF: Blow built to 2", no return

Recovery: 130' Water

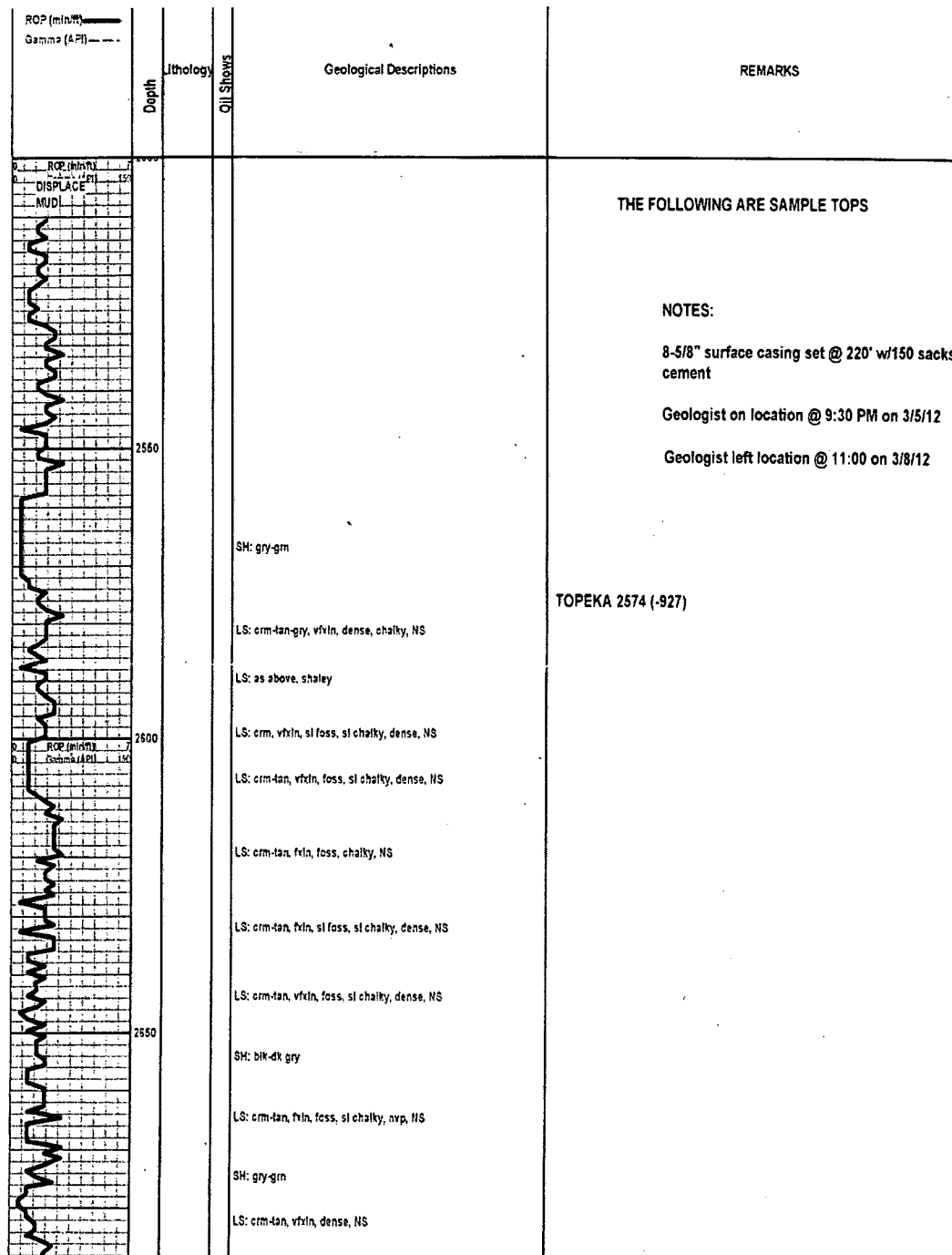
IHP: 1466 FHP: 1393

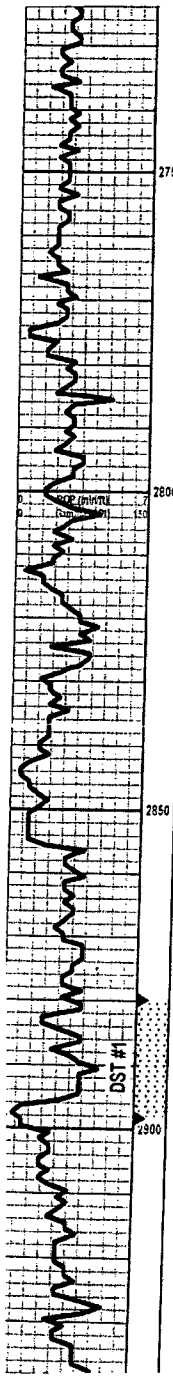
IFP: 18-50 ISIP: 393

FFP: 53-73 FSIP: 389

BHT: 95 F

Chlorides - 110,000 ppm





LS: crm-tan, fxl, pr-tr lnxln por, oolc in pt, foss, NS

LS: crm-tan, vfxln, chalky, dense, NS

LS: crm-tab, fxl, sl foss, dense, NS

LS: as above

LS: crm-tan-gry, vfxln, foss, dense, NS

SH: -blk, carb

SH: gry-gm-red-blk

LS: crm-gry, vfxln, dense, NS

LS: wht-crm-gry, vfxln, sl foss, sl chalky, dense, NS

SH: gry-gm-red-blk

LS: wht-tan-gry, vfxln, dense, sl foss, sl chalky, NS

LS: crm-gry, vfxln, dense, NS

SH: gry-gm

LS: wht-crm, fxl, sl foss, mostly dense, rare spotty str, nsfo, v. sl odor

LS: crm-tan, fxl, oolc, gd vug por, fsto, gd lite sat str, gd odor

LS: crm, vfxln, dense, NS

SH: gry-gm-blk-br

LS: crm-gry, vfxln, sl foss, dense, NS

SH: crm-crm

HEEBNER 2798 (-1151)

TORONTO 2818 (-1171)

LANSING 2856 (-1209)

DST #1 2880-2898 (LKC "C")
 45:45:45
 IF: Blow built to 5", no return
 FF: Wk blow built to 1-3/4", no return
 Recovery: 10' OCMW (10% O, 80% W, 10% M),
 110' MW w/show of oil (75% W, 25% M),
 120' Wtr
 IHP: 1385 FHP: 1360
 IFP: 18-85 ISIP: 361
 FFP: 88-133 FSIP: 364
 BHT - 97 F
 Chlorides - 100,000 ppm

Survey @ 2898' - 1 degree
 Strap pipe @ 2861' - 0.89' long to board
 (No correction made)

DSTs

The following drillstem tests were performed by Ray Schwager & Brett Dickenson w/Trilobite Testing (Hays shop):

DST #1 2880-2898 (LKC "C")

45:45:45:45

IF: Blow built to 5", no return

FF: Wk blow built to 1-3/4", no return

Recovery: 10' OCMW (10% O, 80% W, 10% M),

110' MW w/show of oil (75% W, 25% M),

120' Wtr

IHP: 1385 FHP: 1360

IFP: 18-85 ISIP: 361

FFP: 88-133 FSIP: 364

BHT - 97 F

Chlorides - 100,000 ppm

DST #2 2946-2961 (LKC "F & G")

45:45:30:30

IF: Blow built to 1/4", no return

FF: No blow, no return

Recovery: 20' WM w/show of oil

IHP: 1412 FHP: 1393

IFP: 26-32 ISIP: 422

FFP: 37-40 FSIP: 418

BHT: 95 F

Chlorides: 31,000 ppm

DST #3 2960-3000 (LKC "G")

45:45:45:45

IF: Blow built to 5-1/2", no return

FF: Blow built to 2", no return

Recovery: 130' Water

IHP: 1466 FHP: 1393

IFP: 18-50 ISIP: 393

FFP: 53-73 FSIP: 389

BHT: 95 F

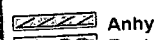
COMMENTS

Based on the negative results of DSTs, structural position, and sample analysis, it was recommended and agreed that this test be plugged.

Respectfully submitted,

Steven P. Murphy, PG
 Consulting Petroleum Geologist
 KS License #228
 (KS License #228)

ROCK TYPES



Anhy



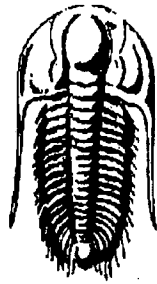
Coal
 Congl



Lmst
 Meta



Shcol
 Shgy
 Siltst



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Brungardt Oil & Leasing Inc**

PO Box 871
Russell, KS 67665-1731

ATTN: Gary Brungardt

Finkenbinder #1

11-12s-13w Russell,KS

Start Date: 2012.05.06 @ 10:45:06

End Date: 2012.05.06 @ 16:40:30

Job Ticket #: 47372 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.09 @ 09:07:20

Brungardt Oil & Leasing Inc

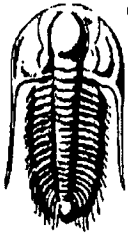
11-12s-13w Russell,KS

Finkenbinder #1

DST # 1

LKC "C"

2012.05.06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brungardt Oil & Leasing Inc

PO Box 871
Russell, KS 67665-1731

ATTN: Gary Brungardt

11-12s-13w Russell, KS

Finkenbinder #1

Job Ticket: 47372

DST#: 1

Test Start: 2012.05.06 @ 10:45:06

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:18:01

Time Test Ended: 16:40:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 42

Interval: **2880.00 ft (KB) To 2898.00 ft (KB) (TVD)**

Total Depth: 2898.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1647.00 ft (KB)

1642.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: 133.71 psig @ 2881.00 ft (KB)

Start Date: 2012.05.06

End Date:

2012.05.06

Start Time: 10:45:06

End Time:

16:40:30

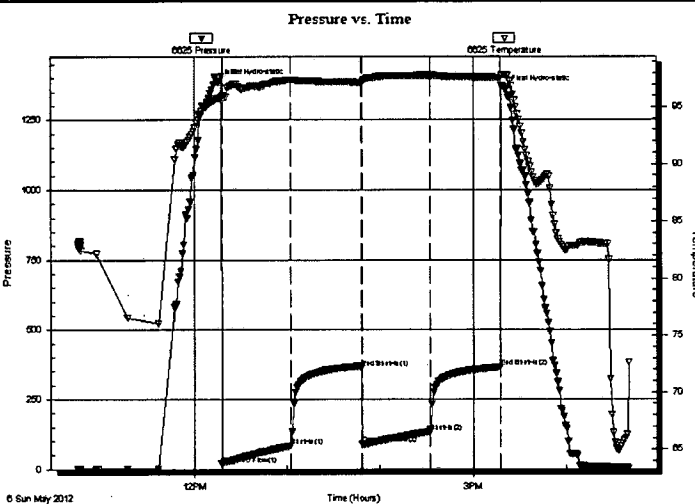
Capacity: 8000.00 psig

Last Calib.: 2012.05.06

Time On Btm: 2012.05.06 @ 12:15:31

Time Off Btm: 2012.05.06 @ 15:20:30

TEST COMMENT: 45-IFP-w k to a fr bl 1/4"to 5"bl
45-ISIP-no bl
45-FFP-w k bl thru-out surface to 1 3/4"bl
45-FSIP-no bl



PRESSURE SUMMARY

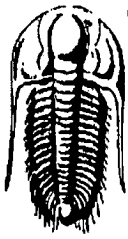
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1385.43	95.77	Initial Hydro-static
3	18.38	95.56	Open To Flow (1)
47	83.04	97.39	Shut-In(1)
93	361.44	97.14	End Shut-In(1)
93	88.64	97.16	Open To Flow (2)
137	133.71	97.76	Shut-In(2)
182	364.90	97.58	End Shut-In(2)
185	1360.33	97.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCMW 10%O10%M80%W	0.07
110.00	MW 25%M75%W w/show of oil	0.78
120.00	Water	0.85

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brungardt Oil & Leasing Inc

11-12s-13w Russell, KS

PO Box 871
Russell, KS 67665-1731

Finkenbinder #1

Job Ticket: 47372

DST#: 1

ATTN: Gary Brungardt

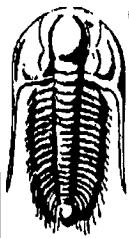
Test Start: 2012.05.06 @ 10:45:06

Tool Information

Drill Pipe:	Length: 2396.00 ft	Diameter: 3.80 inches	Volume: 33.61 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 468.00 ft	Diameter: 2.70 inches	Volume: 3.31 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 36.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2880.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	39.00 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			2860.00	
Shut In Tool	5.00			2865.00	
Hydraulic tool	5.00			2870.00	
Packer	5.00			2875.00	21.00 Bottom Of Top Packer
Packer	5.00			2880.00	
Stubb	1.00			2881.00	
Recorder	0.00	6625	Inside	2881.00	
Recorder	0.00	8700	Outside	2881.00	
Perforations	14.00			2895.00	
Bullnose	3.00			2898.00	18.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brungardt Oil & Leasing Inc

11-12s-13w Russell,KS

PO Box 871
Russell, KS 67665-1731

Finkenbinder #1

Job Ticket: 47372

DST#: 1

ATTN: Gary Brungardt

Test Start: 2012.05.06 @ 10:45:06

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:

100000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OCMW 10%O10%M80%W	0.071
110.00	MW 25%M75%W w/show of oil	0.779
120.00	Water	0.850

Total Length: 240.00 ft Total Volume: 1.700 bbl

Num Fluid Samples: 0

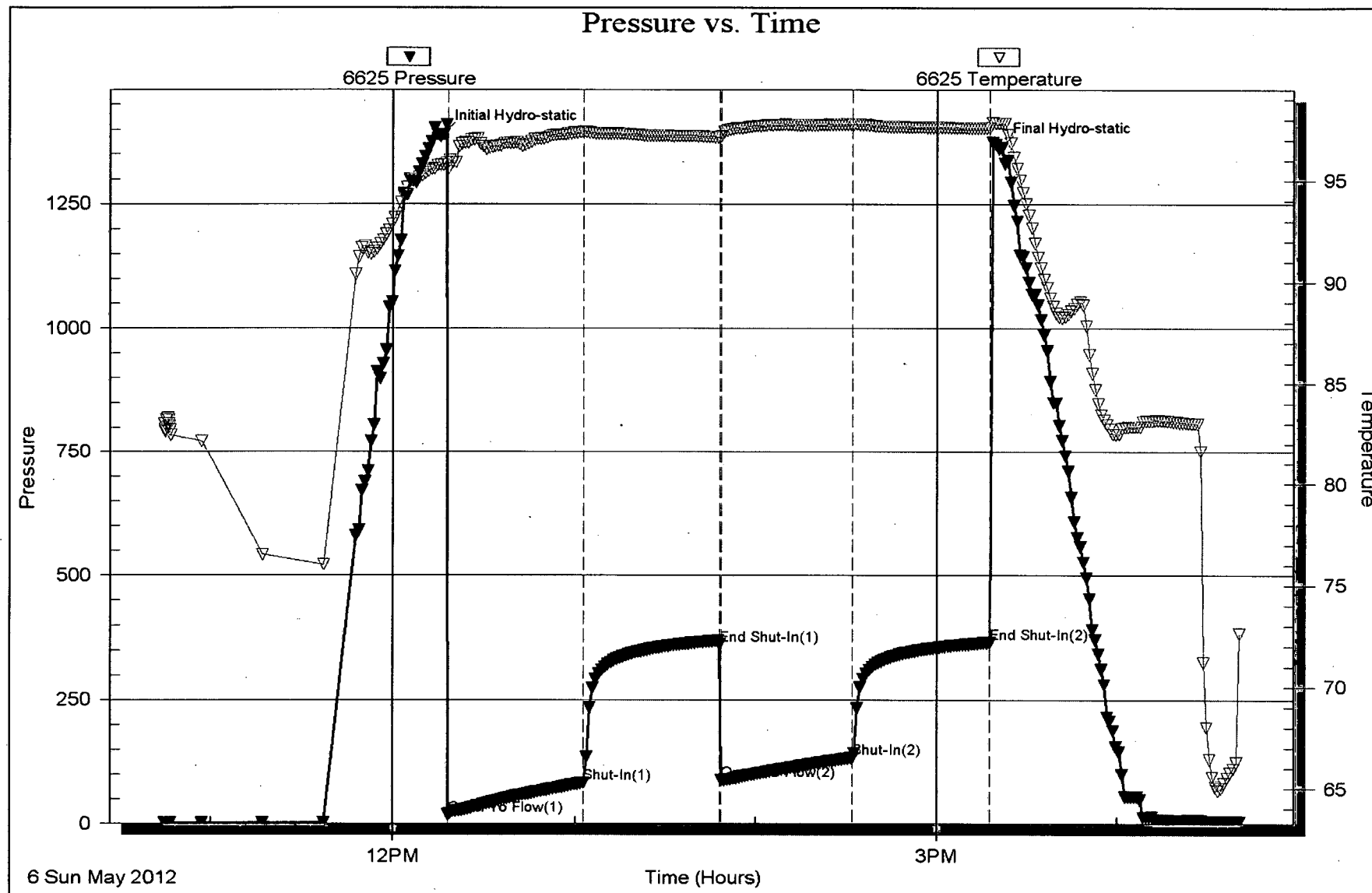
Num Gas Bombs: 0

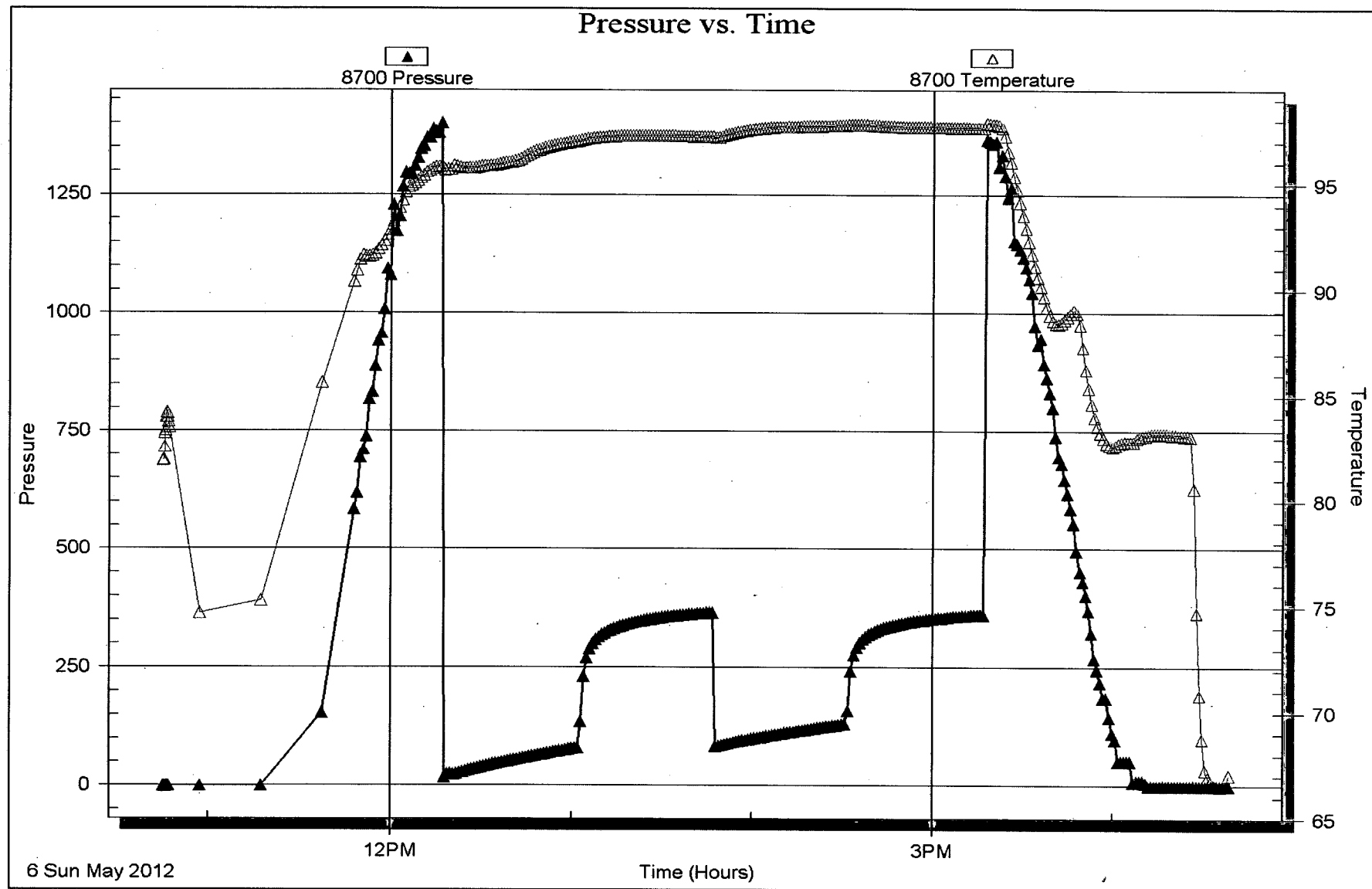
Serial #:

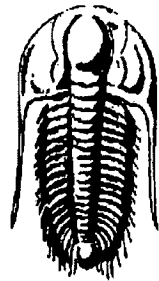
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .07@72F







TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Brungardt Oil & Leasing Inc**

PO Box 871
Russell, KS 67665-1731

ATTN: Gary Brungardt

Finkenbinder #1

11-12s-13w Russell,KS

Start Date: 2012.05.07 @ 02:26:04

End Date: 2012.05.07 @ 08:04:28

Job Ticket #: 47373 DST #: 2

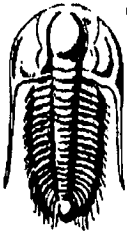
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.09 @ 09:06:36

Brungardt Oil & Leasing Inc 11-12s-13w Russell,KS Finkenbinder #1 DST # 2 LKC F-G 2012.05.07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brungardt Oil & Leasing Inc

11-12s-13w Russell, KS

PO Box 871
Russell, KS 67665-1731

Finkenbinder #1

Job Ticket: 47373

DST#: 2

ATTN: Gary Brungardt

Test Start: 2012.05.07 @ 02:26:04

GENERAL INFORMATION:

Formation: **LKC F-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:14:29

Time Test Ended: 08:04:28

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: **2946.00 ft (KB) To 2961.00 ft (KB) (TVD)**

Reference Elevations: 1647.00 ft (KB)

Total Depth: 2961.00 ft (KB) (TVD)

1642.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: **6625** Inside

Press@RunDepth: 40.76 psig @ 2953.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.07

End Date:

2012.05.07

Last Calib.: 2012.05.07

Start Time: 02:26:04

End Time:

08:04:28

Time On Btm: 2012.05.07 @ 04:11:59

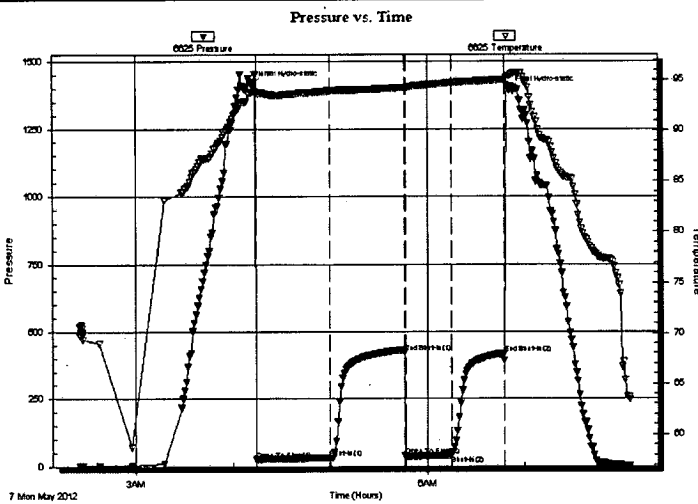
Time Off Btm: 2012.05.07 @ 06:50:28

TEST COMMENT: 45-IFP-w k bl 1/4"

45-ISIP-no bl

30-FFP-no bl

30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1412.86	93.86	Initial Hydro-static
3	26.07	93.66	Open To Flow (1)
48	32.73	93.95	Shut-In(1)
94	422.32	94.29	End Shut-In(1)
94	37.79	94.16	Open To Flow (2)
123	40.76	94.74	Shut-In(2)
155	418.04	95.04	End Shut-In(2)
159	1393.56	95.41	Final Hydro-static

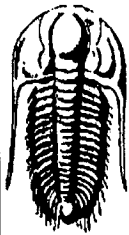
Recovery

Length (ft)	Description	Volume (bbl)
20.00	WM 25%W75%Mw /show of oil	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brungardt Oil & Leasing Inc

11-12s-13w Russell, KS

PO Box 871
Russell, KS 67665-1731

Finkenbinder #1

Job Ticket: 47373

DST#: 2

ATTN: Gary Brungardt

Test Start: 2012.05.07 @ 02:26:04

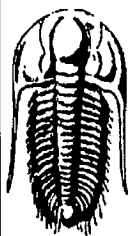
Tool Information

Drill Pipe:	Length: 2487.00 ft	Diameter: 3.80 inches	Volume: 34.89 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 468.00 ft	Diameter: 2.70 inches	Volume: 3.31 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 38.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2946.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	36.00 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			2926.00	
Shut In Tool	5.00			2931.00	
Hydraulic tool	5.00			2936.00	
Packer	5.00			2941.00	21.00 Bottom Of Top Packer
Packer	5.00			2946.00	
Stubb	1.00			2947.00	
Perforations	6.00			2953.00	
Recorder	0.00	6625	Inside	2953.00	
Recorder	0.00	8700	Outside	2953.00	
Perforations	5.00			2958.00	
Bullnose	3.00			2961.00	15.00 Bottom Packers & Anchor

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brungardt Oil & Leasing Inc

11-12s-13w Russell,KS

PO Box 871
Russell, KS 67665-1731

Finkenbinder #1

Job Ticket: 47373 **DST#: 2**

ATTN: Gary Brungardt

Test Start: 2012.05.07 @ 02:26:04

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:

31000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	WM 25%W75%M w/show of oil	0.142

Total Length: 20.00 ft Total Volume: 0.142 bbl

Num Fluid Samples: 0

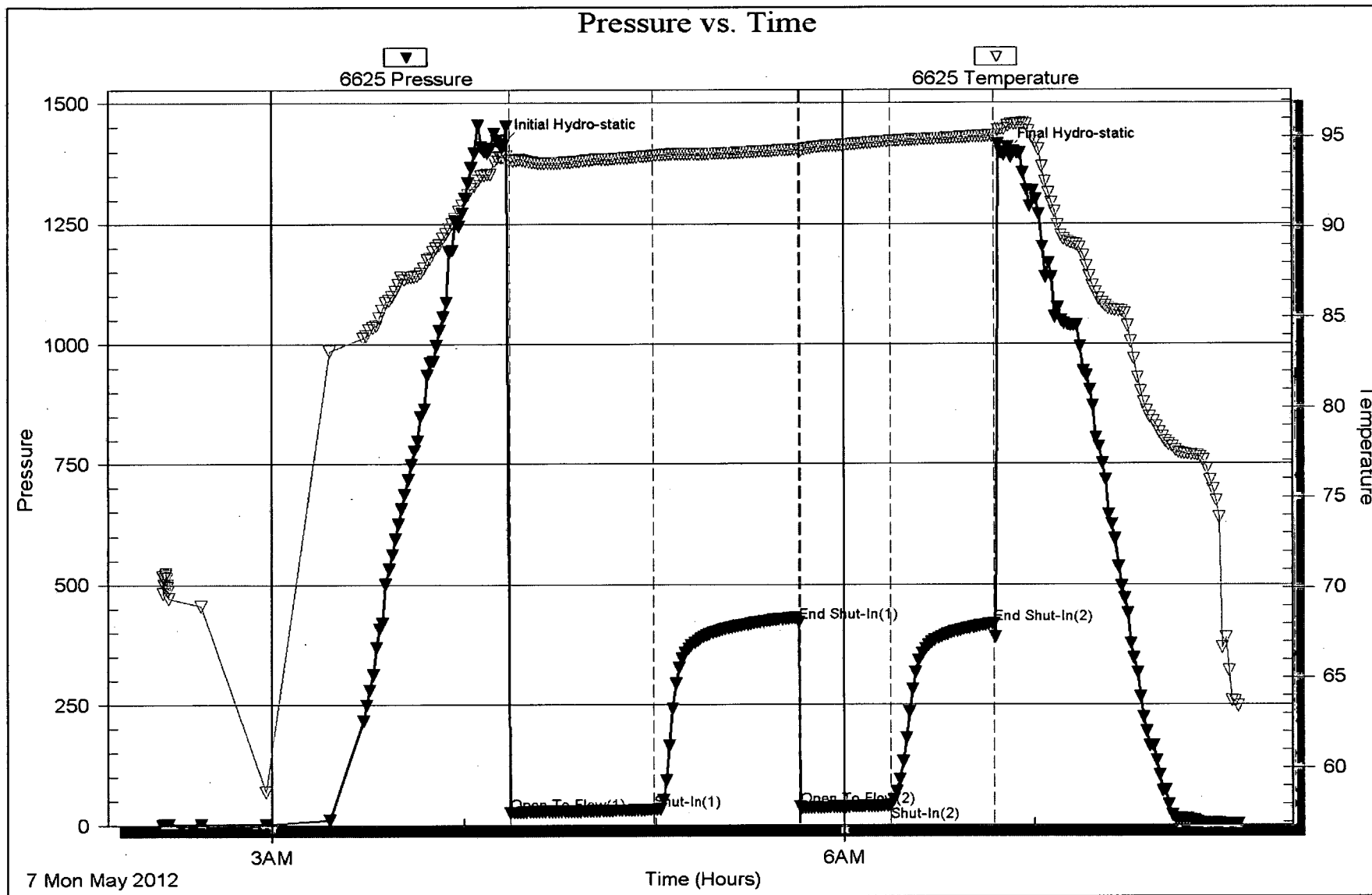
Num Gas Bombs: 0

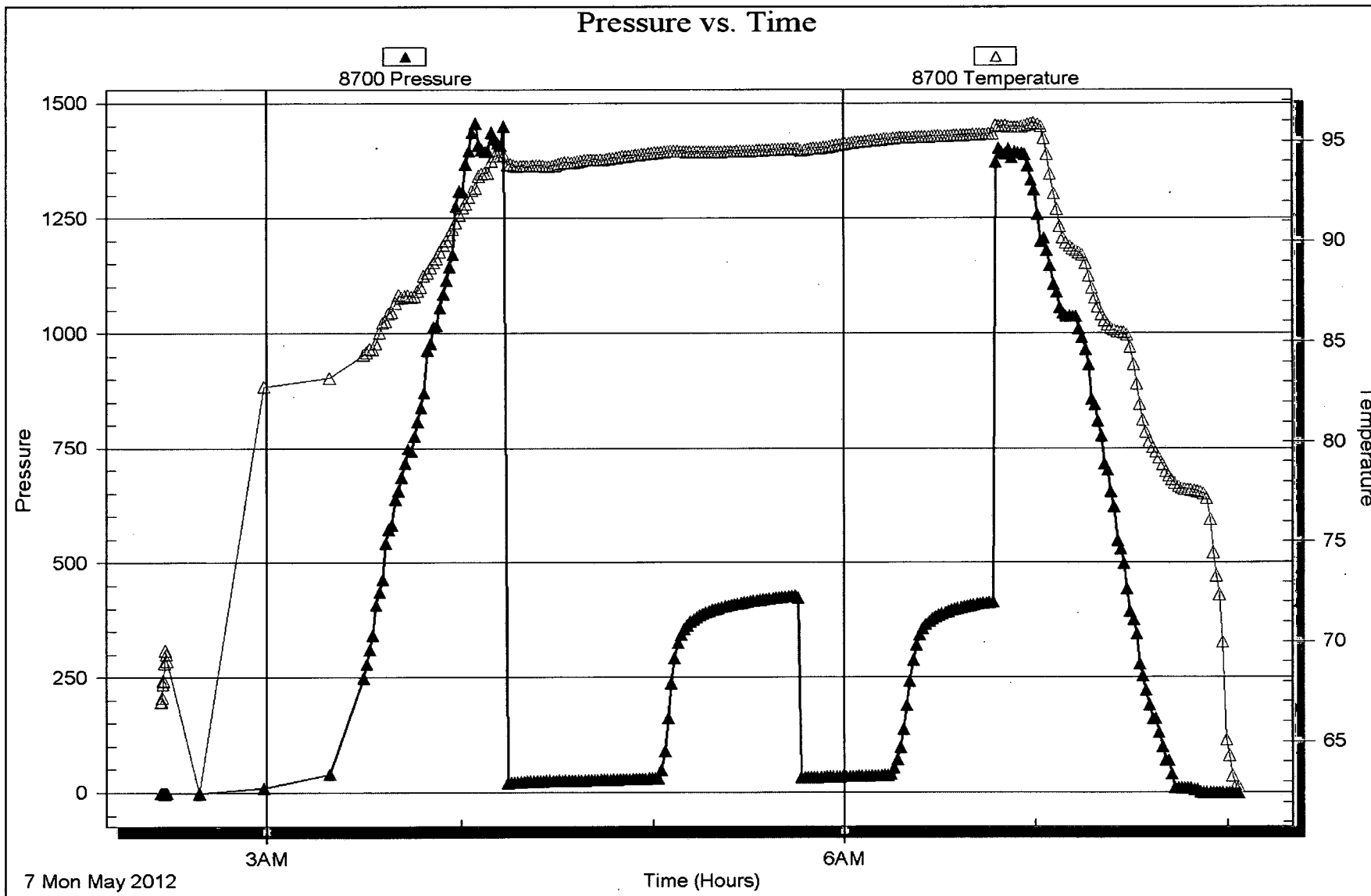
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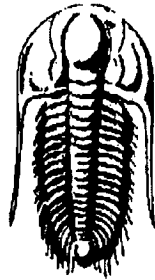
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .27@58F







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Brungardt Oil & Leasing Inc**

PO Box 871
Russell, KS 67665-1731

ATTN: Gary Brungardt

Finkenbinder #1

11-12s-13w Russell,KS

Start Date: 2012.05.07 @ 13:50:31

End Date: 2012.05.07 @ 21:35:31

Job Ticket #: 47724 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.09 @ 09:05:49

Brungardt Oil & Leasing Inc

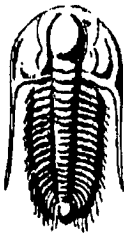
11-12s-13w Russell,KS

Finkenbinder #1

DST # 3

KC "G"

2012.05.07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brungardt Oil & Leasing Inc

11-12s-13w Russell,KS

PO Box 871
Russell, KS 67665-1731

Finkenbinder #1

Job Ticket: 47724

DST#: 3

ATTN: Gary Brungardt

Test Start: 2012.05.07 @ 13:50:31

GENERAL INFORMATION:

Formation: **KC "G"**

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

Time Tool Opened: 16:51:31

Time Test Ended: 21:35:31

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Brett Dickinson**

Unit No: **59**

Interval: **2960.00 ft (KB) To 3000.00 ft (KB) (TVD)**

Total Depth: **3000.00 ft (KB) (TVD)**

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

Reference Elevations: **1647.00 ft (KB)**

1642.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8369

Outside

Press@RunDepth: **78.34 psig @ 2961.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.05.07**

End Date: **2012.05.07**

Last Calib.: **2012.05.07**

Start Time: **13:50:36**

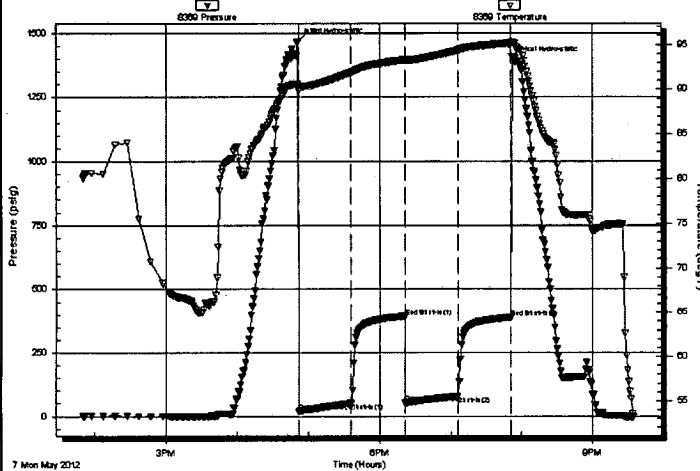
End Time: **21:35:30**

Time On Btm: **2012.05.07 @ 16:50:31**

Time Off Btm: **2012.05.07 @ 19:53:31**

TEST COMMENT: IF-5.5" blow
ISI-No blow
FF-2" blow
FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1465.76	90.58	Initial Hydro-static
1	17.69	89.85	Open To Flow (1)
46	50.42	91.89	Shut-In(1)
91	392.69	93.28	End Shut-In(1)
91	53.00	93.18	Open To Flow (2)
136	78.34	94.34	Shut-In(2)
181	388.76	95.12	End Shut-In(2)
183	1392.90	95.16	Final Hydro-static

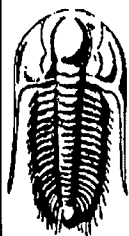
Recovery

Length (ft)	Description	Volume (bbl)
120.00	Water	0.85

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brungardt Oil & Leasing Inc

11-12s-13w Russell, KS

PO Box 871
Russell, KS 67665-1731

Finkenbinder #1

Job Ticket: 47724

DST#: 3

ATTN: Gary Brungardt

Test Start: 2012.05.07 @ 13:50:31

Tool Information

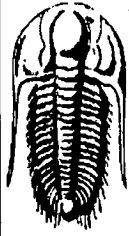
Drill Pipe:	Length: 2490.00 ft	Diameter: 3.80 inches	Volume: 34.93 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 468.00 ft	Diameter: 2.70 inches	Volume: 3.31 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 38.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2960.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			2940.00	
Shut In Tool	5.00			2945.00	
Hydraulic tool	5.00			2950.00	
Packer	5.00			2955.00	21.00 Bottom Of Top Packer
Packer	5.00			2960.00	
Stubb	1.00			2961.00	
Recorder	0.00	8319	Inside	2961.00	
Recorder	0.00	8369	Outside	2961.00	
Perforations	3.00			2964.00	
Change Over Sub	1.00			2965.00	
Drill Pipe	31.00			2996.00	
Change Over Sub	1.00			2997.00	
Bullnose	3.00			3000.00	40.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brungardt Oil & Leasing Inc

11-12s-13w Russell,KS

PO Box 871
Russell, KS 67665-1731

Finkenbinder #1

Job Ticket: 47724 **DST#: 3**

ATTN: Gary Brungardt

Test Start: 2012.05.07 @ 13:50:31

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: 49.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.93 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 7900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Water	0.850

Total Length: 120.00 ft Total Volume: 0.850 bbl

Num Fluid Samples: 0

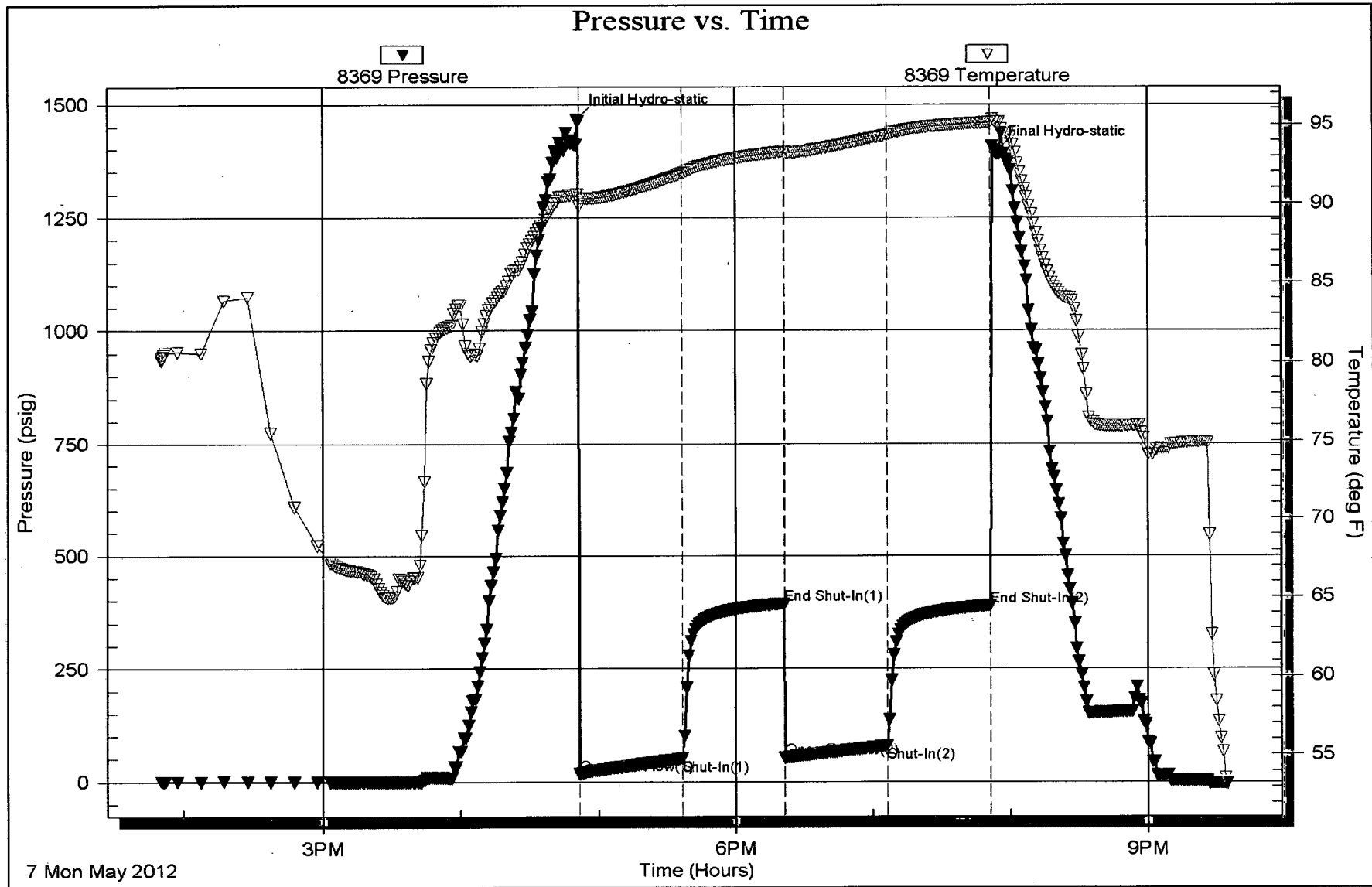
Num Gas Bombs: 0

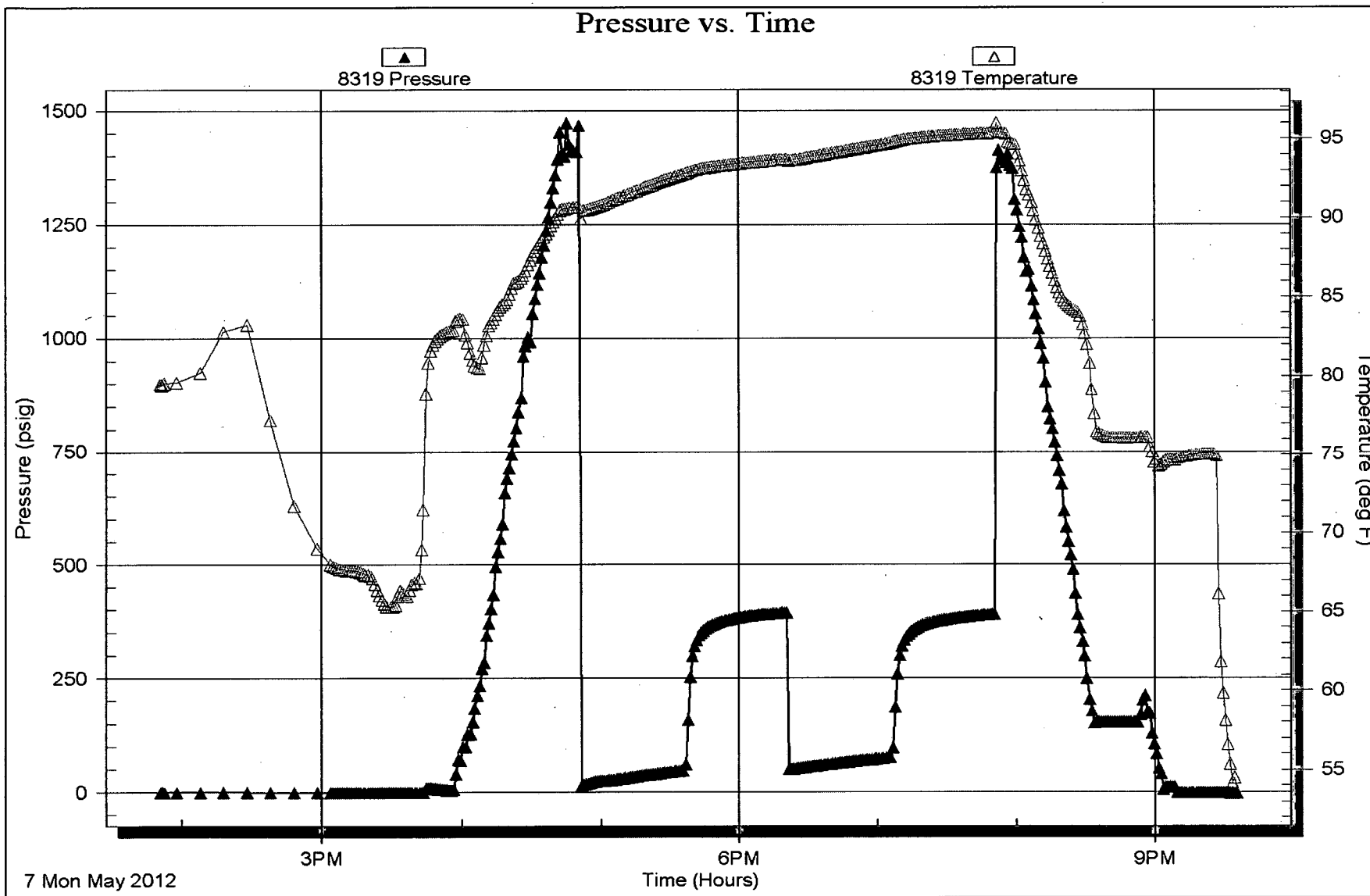
Serial #:

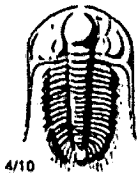
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47372

Well Name & No. Finkenbinder #1 Test No. 1 Date 5-6-12
 Company BRUNGARDT OIL + Leasing Inc Elevation 1647 KB 1642 GL
 Address _____
 Co. Rep / Geo. Steve Murphy Rig Shields rig 1
 Location: Sec. 11 Twp. 12⁵¹ Rge. 13^w Co. Russell State Ks

Interval Tested 2880 - 2898 Zone Tested LKC 'C'
 Anchor Length 18 Drill Pipe Run 2396 Mud Wt. 9
 Top Packer Depth 2875 Drill Collars Run - Vis 46
 Bottom Packer Depth 2880 Wt. Pipe Run 468 WL 8
 Total Depth 2898 Chlorides 6300 ppm System LCM -
 Blow Description IFP - Weak to a fair blow 1/4" to 5" blow
ISIP - NO Blow
FFP - Weak blow thru-out surface to 1 3/4" blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>OC MW</u>	<u>10</u>	<u>80</u>	<u>10</u>	<u>0</u>
<u>110</u>	<u>MW w/show of oil</u>	<u>0</u>	<u>75</u>	<u>25</u>	<u>0</u>
<u>120</u>	<u>WATER</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 240 BHT 97 Gravity - API RW .07 @ 72° F Chlorides 100000 ppm
 (A) Initial Hydrostatic 1385 Test _____ T-On Location 1010
 (B) First Initial Flow 18 Jars _____ T-Started 1045
 (C) First Final Flow 85 Safety Joint _____ T-Open 1215
 (D) Initial Shut-In 361 Circ Sub _____ T-Pulled 1515
 (E) Second Initial Flow 88 Hourly Standby _____ T-Out 1640
 (F) Second Final Flow 133 Mileage 90 RT 139.50
 (G) Final Shut-In 364 Sampler _____
 (H) Final Hydrostatic 1360 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1289.50

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 0
 Total 1289.50
 MP/DST Disc't _____

Approved By Steve Murphy Our Representative RAY SCHWAGER *Thank you*

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or person 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

Test Ticket

NO. 47373

Well Name & No. Finkenbinder #1 Test No. 2 Date 5-7-12
 Company BRUNGARD OIL & LEASING INC Elevation 1647 KB 1642 GL
 Address _____
 Co. Rep / Geo. STEVE MURPHY Rig Shields rig 1
 Location: Sec. 11 Twp. 12^s Rge. 13^w Co. Russell State Ko

Interval Tested 2946-2961 Zone Tested LKC F-6
 Anchor Length 15 Drill Pipe Run 2487 Mud Wt. 8.9
 Top Packer Depth 2941 Drill Collars Run - Vis 51
 Bottom Packer Depth 2946 Wt. Pipe Run 468 WL 8
 Total Depth 2961 Chlorides 6300 ppm System LCM -

Blow Description IFP - WEAK Blow 1/4"
ISIP - NO Blow
FFP - NO Blow
FSIP - NO Blow

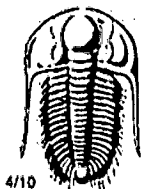
Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>WM w/show of oil</u>		<u>25</u>	<u>75</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20 BHT 95 Gravity - API RW .27 @ 58 °F Chlorides 31000 ppm

(A) Initial Hydrostatic 1412 Test _____ T-On Location 0100
 (B) First Initial Flow 26 Jars _____ T-Started 0225
 (C) First Final Flow 32 Safety Joint _____ T-Open 0410
 (D) Initial Shut-In 422 Circ Sub _____ T-Pulled 0640
 (E) Second Initial Flow 37 Hourly Standby _____ T-Out 0804
 (F) Second Final Flow 40 Mileage 90RT 139.50 Comments Loaded Tool
 (G) Final Shut-In 418 Sampler _____
 (H) Final Hydrostatic 1393 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1289.50
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 1289.50

Approved By [Signature] Our Representative RAY SCHWAGER Thank you
 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

Test Ticket

NO. 47724

Well Name & No. Finken binder #1 Test No. 3 Date 5/17/12
 Company Brumgardt Oil & Leasing, Inc Elevation 1647 KB 1642 GL
 Address _____
 Co. Rep / Geo. Steve Murphy Rig Shields
 Location: Sec. 11 Twp. 12S Rge. 13W Co. Russell State KS

Interval Tested 2960 - 3000 Zone Tested KC 6"
 Anchor Length 40 Drill Pipe Run 2490 Mud Wt. 9.3
 Top Packer Depth 2955 Drill Collars Run _____ Vis 49
 Bottom Packer Depth 2960 Wt. Pipe Run 468 WL 8.0
 Total Depth 3000 Chlorides 2,900 ppm System LCM _____
 Blow Description FF - 5 1/2 in blow
ISI - No blow
FF - 2 in blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>130</u>	<u>water</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 130 BHT 95 Gravity _____ API RW .08 @ 65 °F Chlorides 110,000 ppm

(A) Initial Hydrostatic <u>1,466</u>	<input checked="" type="checkbox"/> Test _____	T-On Location <u>14:20</u>
(B) First Initial Flow <u>18</u>	<input type="checkbox"/> Jars _____	T-Started <u>13:50</u>
(C) First Final Flow <u>50</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>16:50</u>
(D) Initial Shut-In <u>393</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>19:30</u>
(E) Second Initial Flow <u>53</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>21:35</u>
(F) Second Final Flow <u>78</u>	<input checked="" type="checkbox"/> Mileage <u>45x2</u> 139.50	Comments _____
(G) Final Shut-In <u>389</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1,393</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1289.50</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1289.50</u>	

Approved By _____ Our Representative Brett Dickinson

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.