



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____



1090543

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input 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
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CASING RECORD <input 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

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: 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
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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 <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

Home Office P.O. Box 32 Russell, KS 67665

No. 283

Date	5/2/12	Sec.	11	Twp.	12	Range	13	County	Russell	State	KS	On Location		Finish	3:15 AM
Lease	Finkbeiner		Well No.	1		Location									
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 5/8"		Depth	220											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	15'		Shoe Joint												
Meas Line			Displace	12 Bbls.											
			Cement Amount Ordered	1500y Com 2 1/2% gel											

EQUIPMENT

Pumptrk	15	No.	Cementer	Paul	Helper		Common
Bulktrk	10	No.	Driver	Cody	Driver		Poz. Mix
Bulktrk	01	No.	Driver	Brain	Driver		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
Fr. Circ.	CFL-117 or CD110 CAF 38
Mix K05x	Sand
Displace	Handling
Cement Circulated	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge
	Mileage

X Signature	Tax
	Discount
	Total Charge

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

Home Office P.O. Box 32 Russell, KS 67665

No. 987

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-8-12	11	12	13	RUSSELL	KANSAS		2:45pm
Lease FINKENBENDER	Well No. #1	Location BUNKERHILL - 9 1/2 N - 1 mi W - 1 mi N - E INTO					
Contractor SHIELDS DETULING	Owner BRUNGART OIL & LEASING			To Quality Oilwell Cementing, Inc.			
Type Job ROCKET PLUG	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 5/8"	T.D. 3000'	Charge To BRUNGART OIL & LEASING					
Csg. 5 1/2"	Depth	Street					
Tbg. Size	Depth	City					
Tool	Depth	State					
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line	Displace	Cement Amount Ordered 180 SKS 60% 40 4% GEL 4# FLU					
EQUIPMENT							
Pumptrk #15 No. Cementer PAUL	Common						
Bulktrk #10 No. Driver BRUNG	Poz. Mix						
Bulktrk DU No. Driver GREG	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						
	1 - 8 5/8" HOLES PLUG						
	Pumptrk Charge						
	Mileage						
	Tax						
	Discount						
X Signature							Total Charge

Notice: Fill out COMPLETELY
and return to Conservation Division at
the address below within
60 days from plugging date.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING RECORD
K.A.R. 82-3-117

Form CP-4
March 2009
Type or Print on this Form
Form must be Signed
All blanks must be Filled

OPERATOR: License #: 3956
Name: Brungardt Oil & Leasing, Inc.
Address 1: PO Box 871
Address 2: _____
City: Russell State: KS Zip: 67665 + _____
Contact Person: Christopher Brungardt
Phone: (785) 483-4975
Type of Well: (Check one) Oil Well Gas Well OG D&A Cathodic
 Water Supply Well Other: _____ SWD Permit #: _____
 ENHR Permit #: _____ Gas Storage Permit #: _____
Is ACO-1 filed? Yes No If not, is well log attached? Yes No
Producing Formation(s): List All (If needed attach another sheet)
_____ Depth to Top: _____ Bottom: _____ T.D. _____
_____ Depth to Top: _____ Bottom: _____ T.D. _____
_____ Depth to Top: _____ Bottom: _____ T.D. _____

API No. 15- 167-23787-00-00
Spot Description: E/2 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
Date Well Completed: 5-8-2012
The plugging proposal was approved on: 5-8-2012 (Date)
by: Rich Williams (KCC District Agent's Name)
Plugging Commenced: 5-8-2012
Plugging Completed: 5-8-2012

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out
			8 5/8"	220'	Cmtd. w/150 sax

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

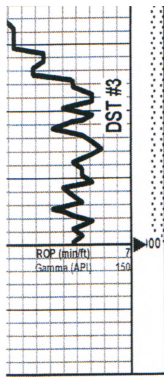
Run drill pipe to 685', pump 25 sax cement thru drill pipe; run drill pipe to 300', pump 100 sax cement thru drill pipe; push wiper plug to 40', dump 10 sax cement on plug to cellar. Circulate 30 sax cement down rat hole and 15 sax cement down mouse hole.

Plugging Contractor License #: 5184 Name: Shields Drilling Co.
Address 1: PO Box 709 Address 2: _____
City: Russell State: KS Zip: 67665 + _____
Phone: (785) 483-3141

Name of Party Responsible for Plugging Fees: Brungardt Oil & Leasing, Inc.
State of KANSAS County, RUSSELL, ss. _____
Burton Beery Contractor
(Print Name) Employee of Operator Operator on above-described well,

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Signature: Burton Beery



• LS: as above w/fgd vug por, sl foss, gsfo & stn, str odor (minor amt cht & chlk)

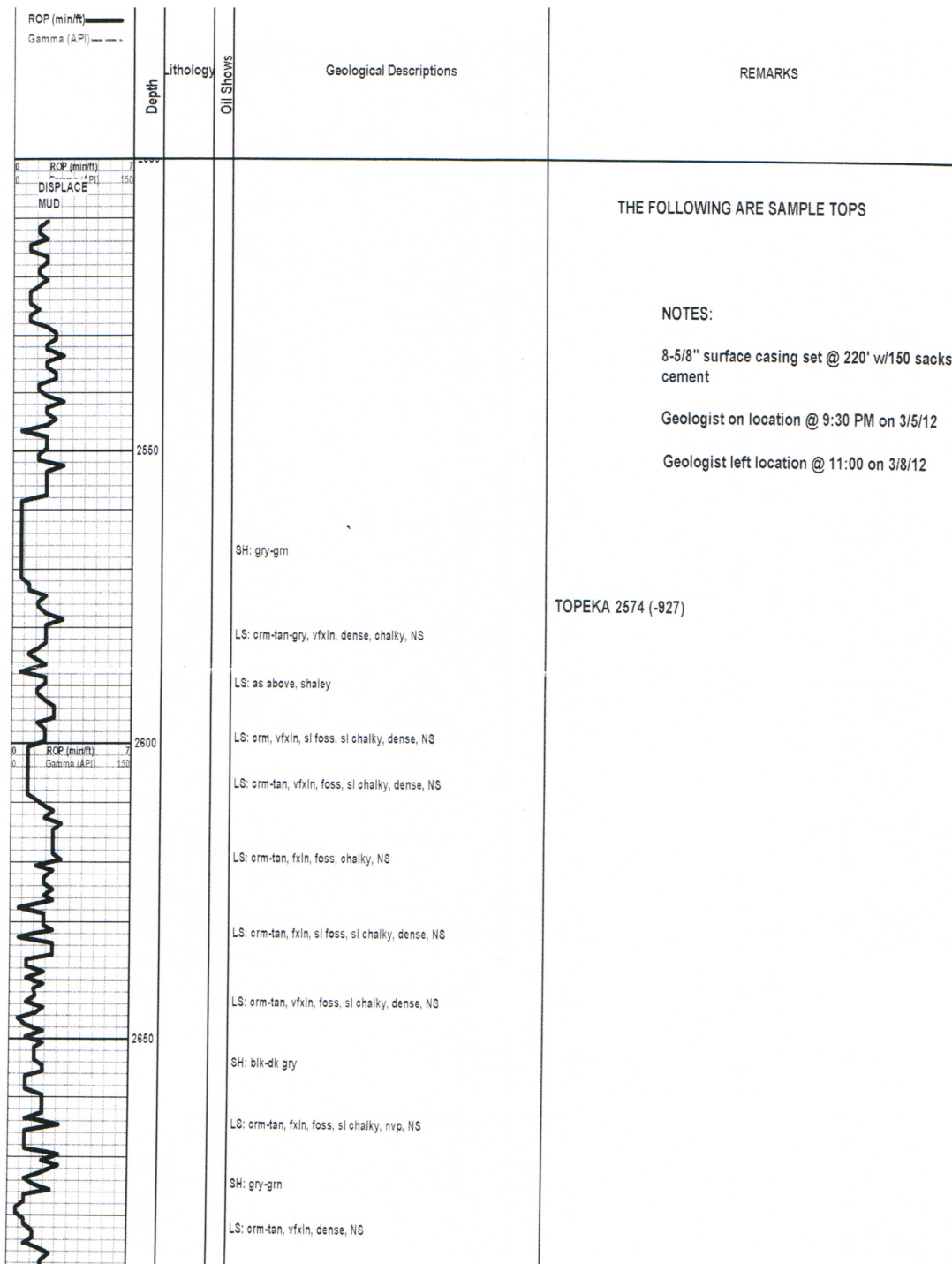
 LS: orm-gry, vfxln, dense, abund fresh cht, NS

 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 5-2", 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



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

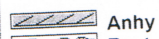
COMMENTS

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
 Silt



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



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

ATTN: Gary Brungardt

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)

Reference Elevations: 1647.00 ft (KB)

Total Depth: 2898.00 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 @ Run Depth: 133.71 psig @ 2881.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.06

End Date:

2012.05.06

Last Calib.:

2012.05.06

Start Time: 10:45:06

End Time:

16:40:30

Time On Btm:

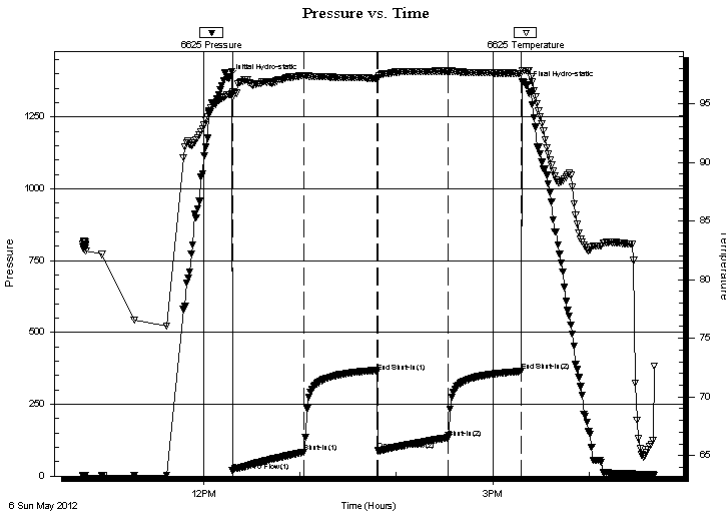
2012.05.06 @ 12:15:31

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

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:

bbbl

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

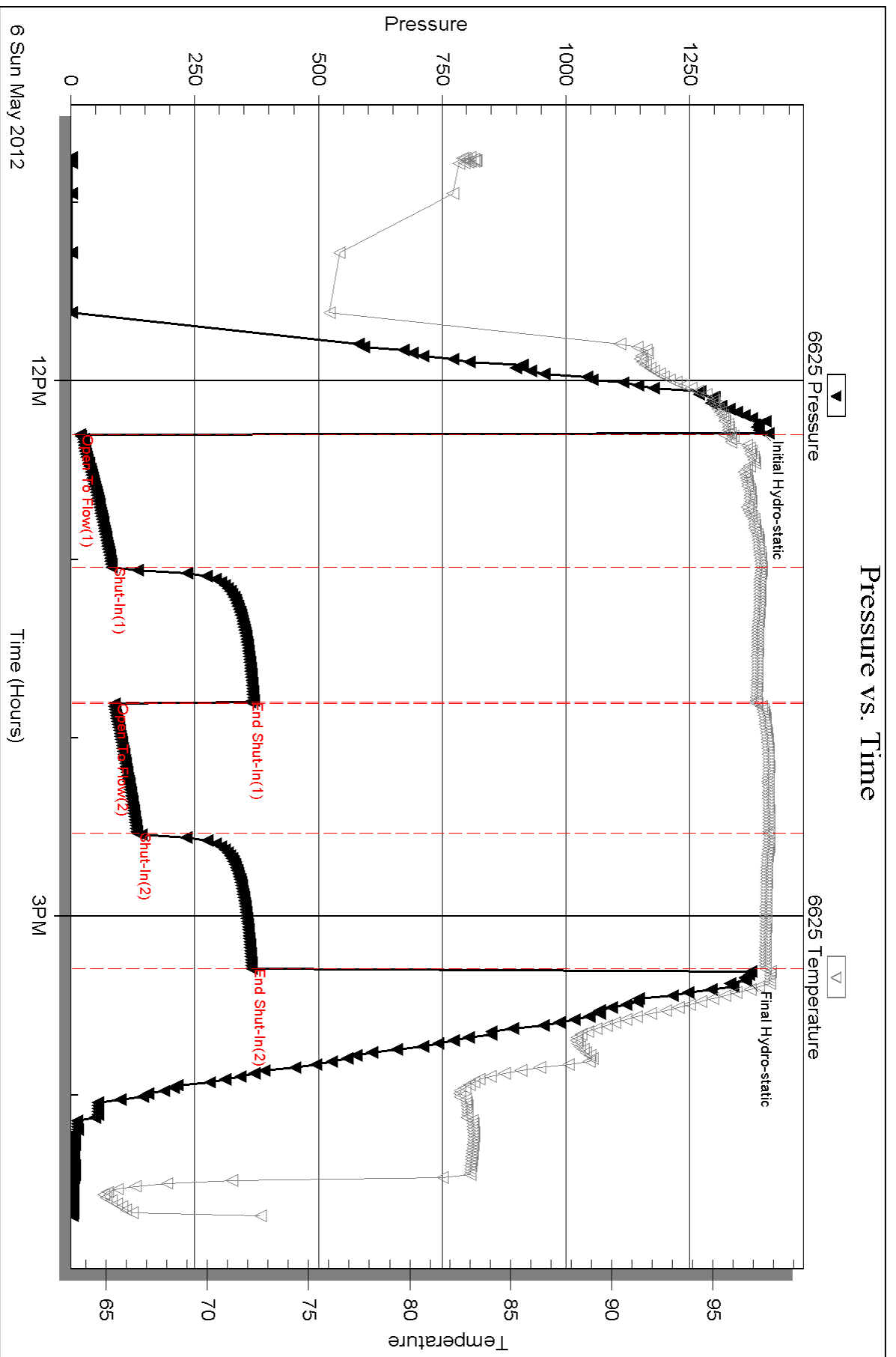
Serial #: 6625

Inside

Brungardt Oil & Leasing Inc

Finkenbinder #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47372

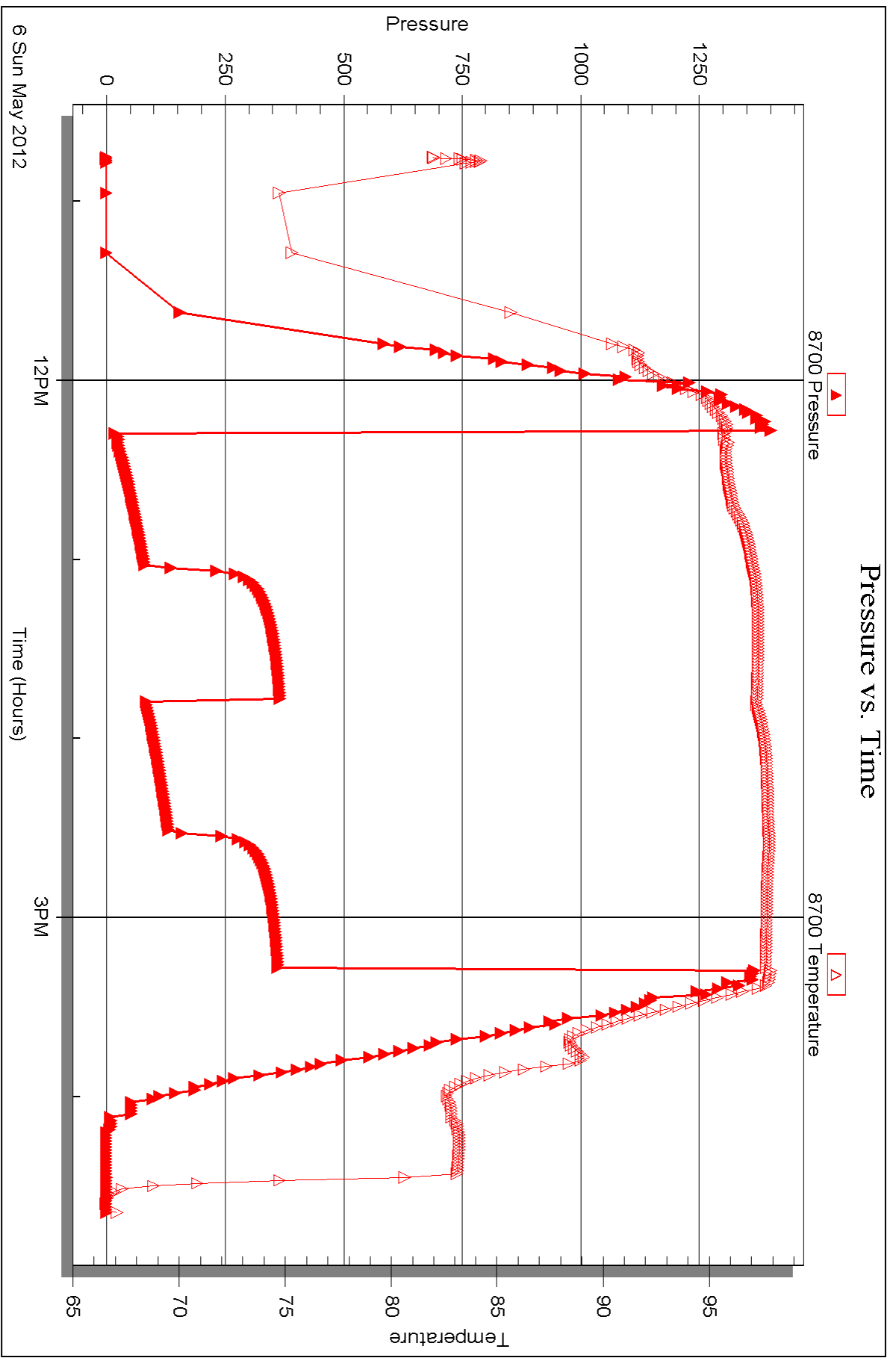
Printed: 2012.05.09 @ 09:07:22

Serial #: 8700

Outside Brungardt Oil & Leasing Inc

Finkenbinder #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47372

Printed: 2012.05.09 @ 09:07:23



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



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 @ Run Depth: 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

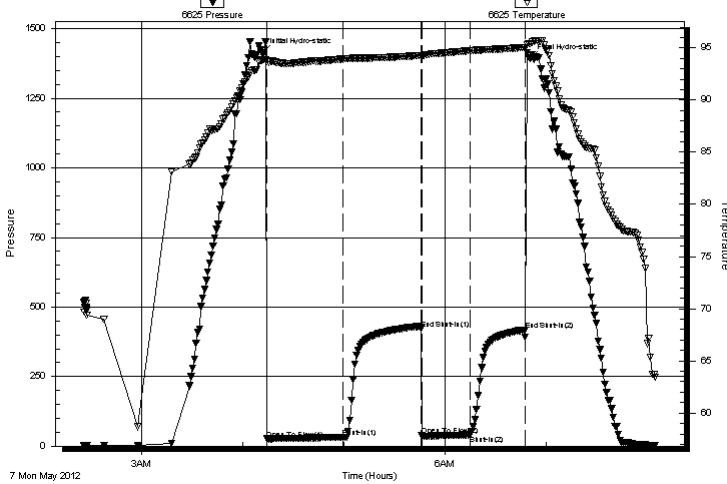
TEST COMMENT: 45-IFP-w k bl 1/4"

45-ISIP-no bl

30-FFP-no bl

30-FSIP-no bl

Pressure vs. Time



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% W 75% M w /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:

bbbl

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

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .27@58F

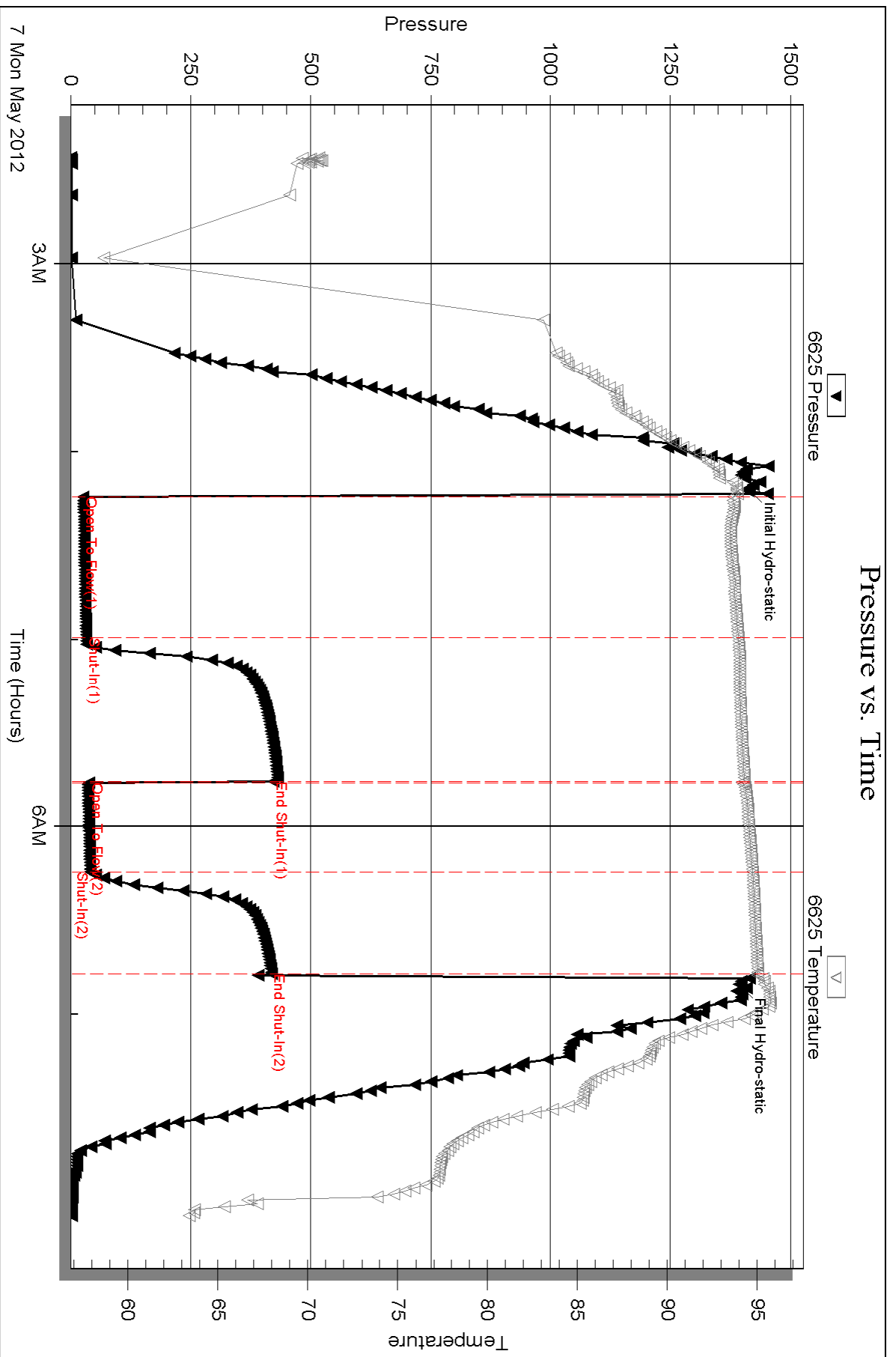
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Inside

Brungardt Oil & Leasing Inc

Finkenbinder #1

DST Test Number: 2

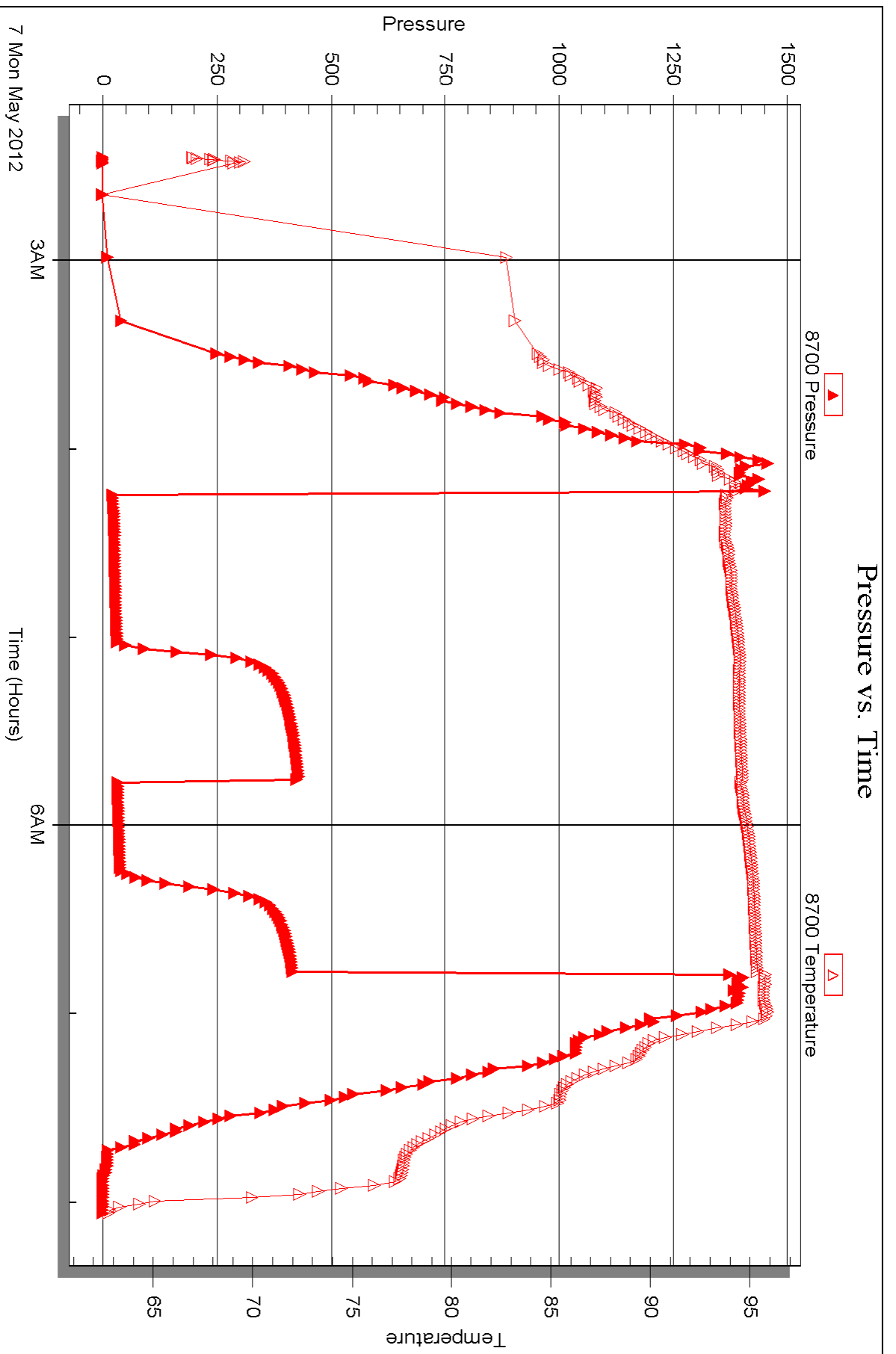


Serial #: 8700

Outside Brungardt Oil & Leasing Inc

Finkenbinder #1

DST Test Number: 2





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



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)

Reference Elevations: 1647.00 ft (KB)

Total Depth: 3000.00 ft (KB) (TVD)

1642.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Outside

Press @ Run Depth: 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

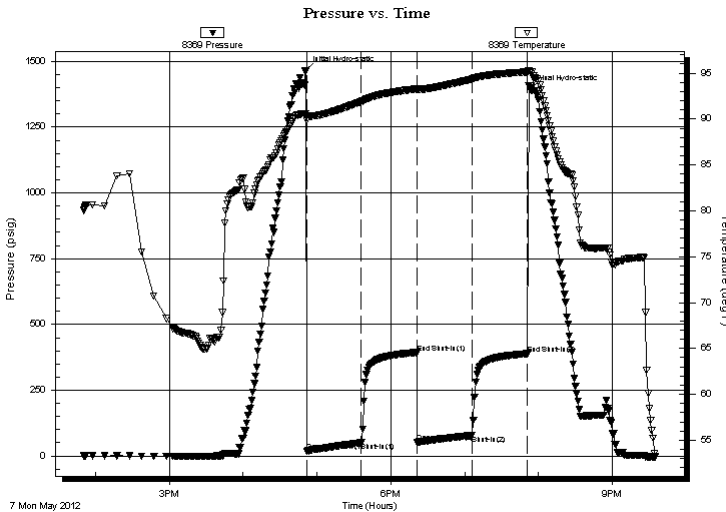
End Time: 21:35:30

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 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

Gas Rates

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

* Recovery from multiple tests



**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

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:

bbbl

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

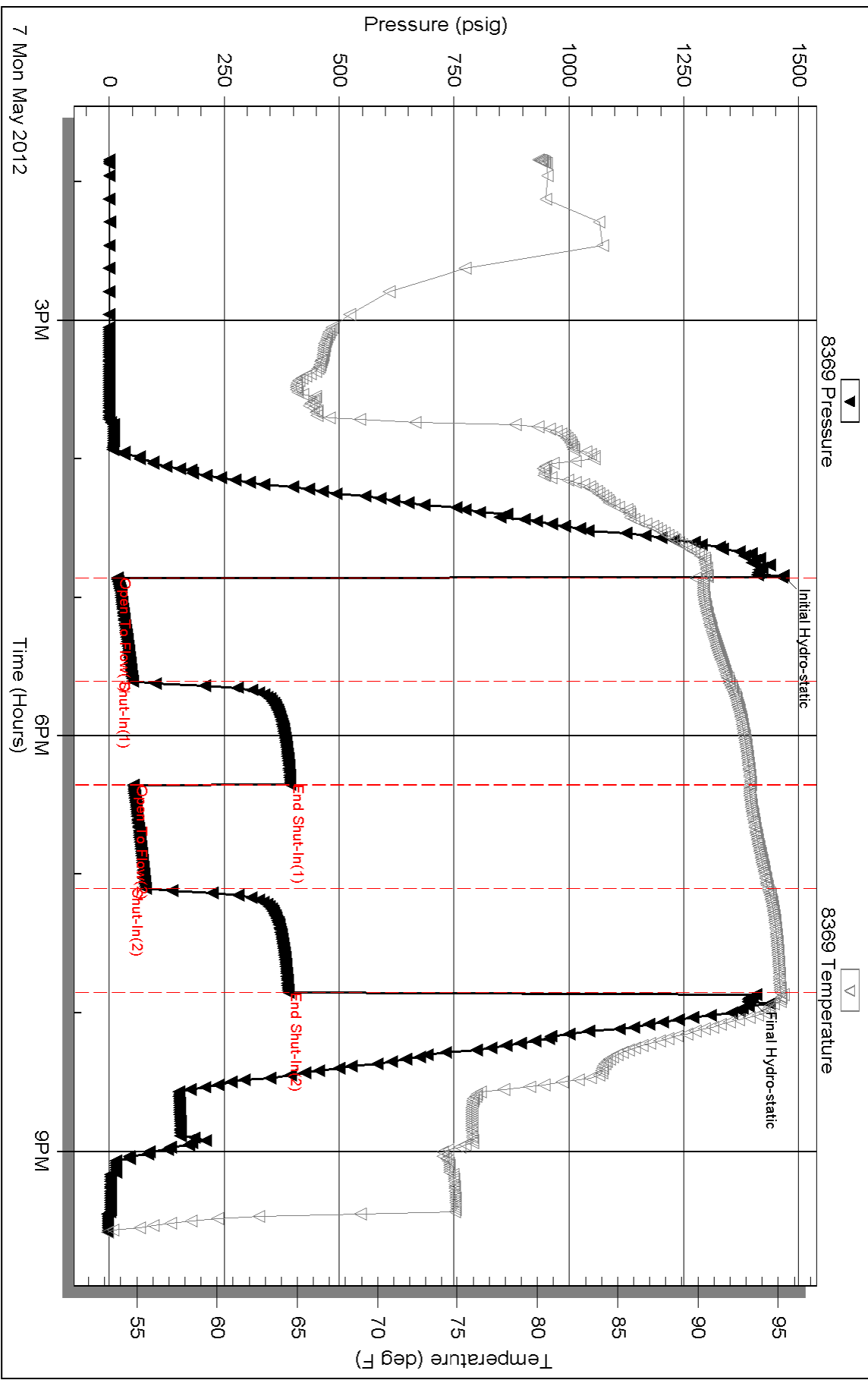
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



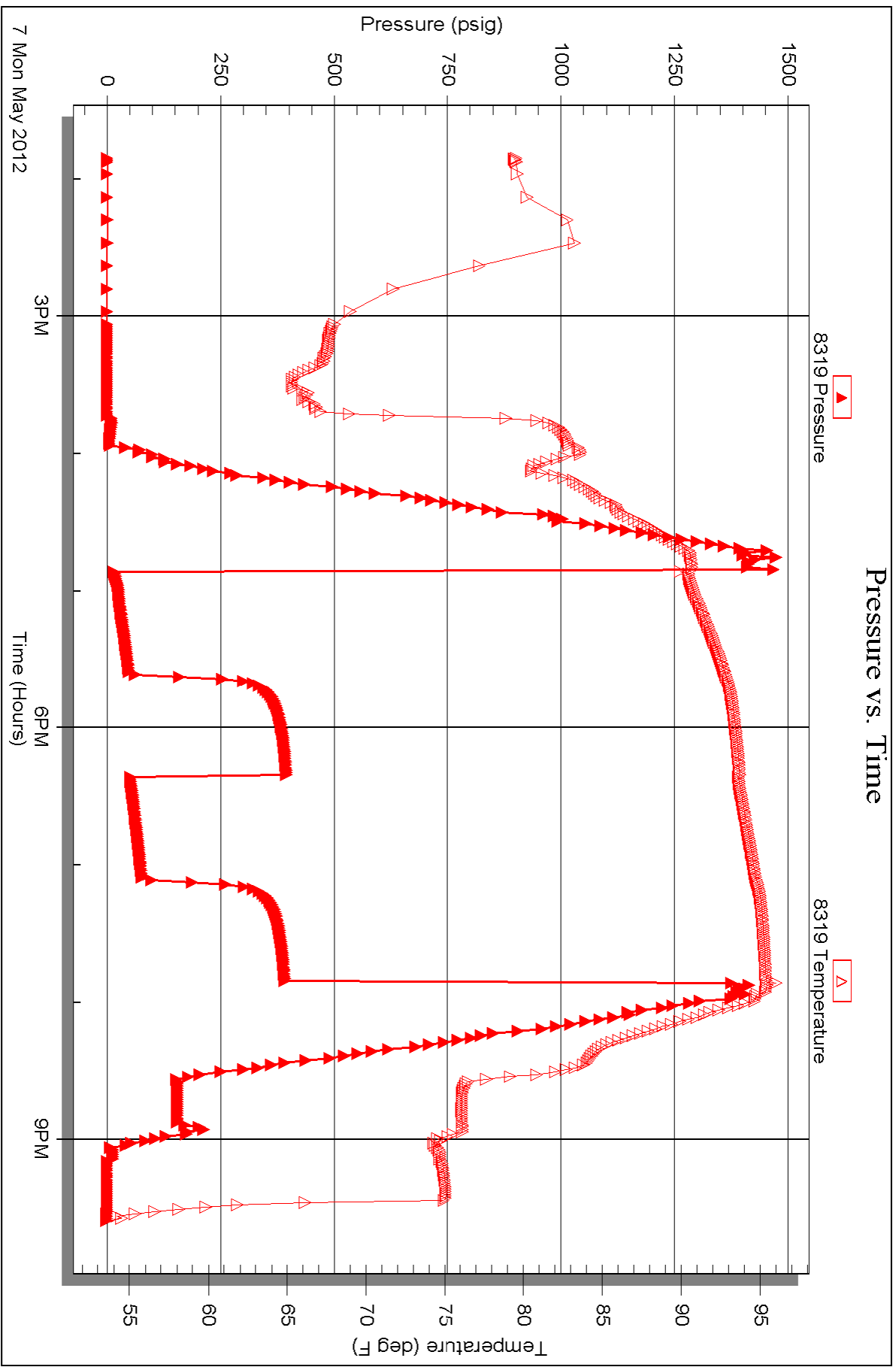
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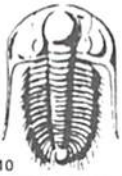
Inside

Brungardt Oil & Leasing Inc

Finkenbinder #1

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47372

Well Name & No. Finkerbinder #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 -

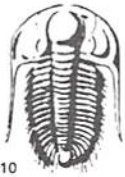
Blow Description IFP - WEAK TO A FAIR BLOW 1/4" TO 5" BLOW
ISIP - NO BLOW
FFP - WEAK BLOW THRU-OUT SURFACE TO 1 3/4" BLOW
FSIP - NO BLOW

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

Rec Total 240 BHT 97 Gravity - API RW .07 @ 72° F Chlorides 100000 ppm
 (A) Initial Hydrostatic 1385 Test 1150 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 Comments _____
 (G) Final Shut-In 364 Sampler _____
 (H) Final Hydrostatic 1360 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1289.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1289.50

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

4/10

Well Name & No. Finkenbinder #1 Test No. 2 Date 5-7-12
 Company BRUNGARD OIL & LEASING INC Elevation 1642 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 1150 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 Ruined Shale Packer
 (H) Final Hydrostatic 1393 Straddle 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 5/7/12
 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 KC¹⁰ G¹¹
 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 7,900 ppm System LCM _____
 Blow Description 7F - 5 1/2 in blow
7SI - 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 <u>1150</u>	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>19:50</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 _____	_____
(H) Final Hydrostatic <u>1,393</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1289.50</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	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.