



KANSAS CORPORATION COMMISSION 1067126  
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 L. Brungardt  
Phone: ( 785 ) 483-4975  
CONTRACTOR: License # 5184  
Name: Shields Oil Producers Inc  
Wellsite Geologist: Brad Hutchinson  
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>9/13/2011</u>	<u>9/19/2011</u>	<u>10/14/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23727-00-00  
Spot Description: \_\_\_\_\_  
E2 NW NW NW Sec. 14 Twp. 12 S. R. 13  East  West  
330 Feet from  North /  South Line of Section  
650 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Russell  
Lease Name: Dockstader Well #: 2  
Field Name: \_\_\_\_\_  
Producing Formation: Lansing/Kansas City  
Elevation: Ground: 1639 Kelly Bushing: 1644  
Total Depth: 3480 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: 700 Feet  
If Alternate II completion, cement circulated from: 0  
feet depth to: 700 w/ 120 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 42000 ppm Fluid volume: 800 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Carter Date: 11/22/2011



1067126

Operator Name: Brungardt Oil and Leasing Inc. Lease Name: Dockstader Well #: 2  
 Sec. 14 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 Wireline 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 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:  Dual Induction Micro Compensated Density	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum See Geologists 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	221	common	150	3%cc and 2%gel
Production	8.625	5.5	17	3477	common	205	10%salt and 2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-700	Common	120	2%gel and 10%salt

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
1	2948-2951	500 gal. 28% mud acid	2948-2951
1	2884-2887	2500 gal. 15%NEFE	2884-2887

TUBING RECORD:		Size: <u>27/8</u>	Set At: <u>2480</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10/17/2011</u>			Producing Method: <input type="checkbox"/> Flowing <input checked="" 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
	80				

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# ALLIED CEMENTING CO., LLC. 038270

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

DEPOSIT POINT:

Russell

DATE <u>9-19-11</u>	SEC. <u>14</u>	TWP. <u>12S</u>	RANGES <u>13W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00P</u>	JOB FINISH <u>2:45</u>
LEASE <u>Deakstader</u>	WELL # <u>2</u>	LOCATION <u>Bunker hill 9 1/2 N</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1w 3/4 N Fint</u>			

CONTRACTOR Shields Drilling Rig #1 OWNER \_\_\_\_\_

TYPE OF JOB Production String

HOLE SIZE 2 7/8 T.D. 3480'

CASING SIZE 6 5/8 12" DEPTH 3422

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL P.C DEPTH 203'

PRES. MAX 1500 MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 34'

CEMENT LEFT IN CSG. 34'

PERFS. \_\_\_\_\_

DISPLACEMENT 79.87 bbl

CEMENT AMOUNT ORDERED 205 Gal - 102.5 cu ft

226'

500 Gal WFR-2

COMMON	<u>205</u>	@ <u>16.25</u>	<u>3331.25</u>
POZMIX		@	
GEL	<u>4</u>	@ <u>21.25</u>	<u>85.00</u>
CHLORIDE		@	
ASC		@	
<u>Soft</u>	<u>18</u>	@ <u>23.95</u>	<u>431.10</u>
		@	
		@	
<u>WFR-2</u>	<u>500 Gal</u>	@ <u>1.10</u>	<u>550.00</u>
		@	
		@	
HANDLING	<u>227</u>	@ <u>2.25</u>	<u>510.75</u>
MILEAGE	<u>11.5 hr @ 15</u>	@ <u>15</u>	<u>172.50</u>
TOTAL			<u>5657.20</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane

# 409 HELPER Tony

BULK TRUCK

# 423 DRIVER Cody

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

INCH @ 3443' REMARKS:

Rot Hole 3000' Manua H.L. 1500'

Ran Pipe to Bottom First Circulated

Mixed 500 Gal WFR-2 mixed 1000 Gal

Shut down Washed Pump & Casing

Displace 2 1/2 BBL

Landed Plug @ 1500' PSI

Float Held!

CHARGE TO: Burgardt Oil

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Burton Beery

SIGNATURE Burton Beery

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>30</u>	@ <u>7.00</u>	<u>210.00</u>
MANIFOLD		@	
		@	
<u>Cur</u>	<u>34</u>	@ <u>4.00</u>	<u>136.00</u>
TOTAL			<u>2571.00</u>

PLUG & FLOAT EQUIPMENT

<u>AFC Insert</u>			<u>200.00</u>
<u>Guide Shoe</u>	@		<u>166.00</u>
<u>Port Callan</u>	@		<u>1820.00</u>
<u>8 Centrifizers</u>	@ <u>34.00</u>		<u>136.00</u>
<u>8 Torque wrenches</u>	@ <u>60.00</u>		<u>480.00</u>
<u>6 Baskets</u>	@		<u>236.00</u>
TOTAL			<u>3040.00</u>

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 11252.20

DISCOUNT 50/20 IF PAID IN 30 DAYS

Thanks!  
9/20/11

# ALLIED CEMENTING CO., LLC. U38304

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell, KS.

DATE <u>10-4-2011</u>	SEC <u>14</u>	TWP. <u>12</u>	RANGE <u>13</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>DOCKSTADER</u>		WELL # <u>#2</u>		LOCATION <u>Buckner Hill KS, 9 N 1 W</u>		COUNTY <u>Russell</u>	STATE <u>KANSAS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1 N 1/4 E T120</u>			

CONTRACTOR CK WS OWNER \_\_\_\_\_

TYPE OF JOB Circulate Cement (Foot Collar)

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 5 1/2 DEPTH \_\_\_\_\_

TUBING SIZE 2 7/8 DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL Foot Collar DEPTH @ 700'

PRES. MAX 600# MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

CEMENT AMOUNT ORDERED 120 SX Comm 2% GEL

10% SALT

COMMON	<u>120</u>	@	<u>16.25</u>	<u>1950.00</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>21.25</u>	<u>42.50</u>
CHLORIDE		@		
ASC		@		
<u>Salt</u>	<u>10</u>	@	<u>23.95</u>	<u>239.50</u>
HANDLING	<u>132</u>	@	<u>2.25</u>	<u>297.00</u>
MILEAGE	<u>11.56/mile</u>			<u>217.50</u>
TOTAL				<u>2746.50</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Gilroy

# 417 HELPER Woody

BULK TRUCK DRIVER Ron

# 410 DRIVER \_\_\_\_\_

BULK TRUCK DRIVER \_\_\_\_\_

**REMARKS:**

Found Foot Collar @ 700' Test CSG to (Good) Open PC & Received Circulation mixed 120 SX Comm 10% salt, 2% Gel, & Cement. Circulated Around Annulus. Displaced 3 Bbl + Closed PC. Pressure to 600# (How) Ran 7 JTS & Washed Clean. Came out of hole w/ PC. Opening Tool.

THANKS

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE			<u>1125.00</u>	
EXTRA FOOTAGE	@		<u>105.00</u>	
MILEAGE	<u>15.26</u>	@	<u>7.00</u>	
MANIFOLD	yes	@	<u>60.00</u>	
<u>Van</u>	<u>15.26</u>	@	<u>4.00</u>	
TOTAL				<u>3300.00</u>

CHARGE TO: Bernard Oil & Leasing

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

\* State Rep. Ray DINKEL (Kas)  
ON Location. Cement did circulate  
AROUND ANNULUS, TO SURFACE.

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

**PLUG & FLOAT EQUIPMENT**

_____	@	_____	_____	
_____	@	_____	_____	
_____	@	_____	_____	
_____	@	_____	_____	
_____	@	_____	_____	
TOTAL				_____

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 3070.00 4036.80

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

SIGNATURE [Signature]

# ALLIED CEMENTING CO., LLC. 040610

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: 18291185

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
<u>12/15/11</u>	<u>7</u>	<u>2</u>	<u>13</u>			<u>11:00</u>	<u>12:00</u>
LEASE		WELL #		LOCATION		COUNTY	STATE
OLD OR NEW (Circle one)				<u>W 111 - 129</u>			

CONTRACTOR \_\_\_\_\_ OWNER \_\_\_\_\_

TYPE OF JOB Surf Seal

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 6 5/8 DEPTH 11.1

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSC. 157

PERFS. \_\_\_\_\_

DISPLACEMENT 1211

CEMENT AMOUNT ORDERED 25000 24000

**EQUIPMENT**

PUMP TRUCK CEMENTER 11/12/11

# 107 HELPER 108

BULK TRUCK DRIVER 101

# 119

BULK TRUCK DRIVER \_\_\_\_\_

# \_\_\_\_\_

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

**REMARKS:**

Surf seal on well 111-129

15000 lbs cement

10000 lbs water

10000 lbs sand

10000 lbs gravel

10000 lbs aggregate

10000 lbs cement

10000 lbs water

10000 lbs sand

10000 lbs gravel

10000 lbs aggregate

10000 lbs cement

10000 lbs water

10000 lbs sand

10000 lbs gravel

10000 lbs aggregate

TOTAL \_\_\_\_\_

CHARGE TO: Surf Seal - 111-129

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

To Allied Cementing Co., LLC.  
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SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Thomas J. Taylor

SIGNATURE \_\_\_\_\_

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

COMPANY BRUNGARDT OIL & LEASING, INC.  
 CASE DOCKSTADER # 2  
 WELD \_\_\_\_\_  
 LOCATION 330' FNL & 650' FWL  
 SEC 14 TWP 12S RGE 13W  
 COUNTY RUSSELL STATE KANSAS  
 CONTRACTOR SHIELDS OIL PRODUCERS, INC.  
 START 9-12-11 COMP 9-18-11  
 WELLD NO 3480 (-1840) LTD 3482 (-1842)  
 WELLD ID 2400' TYPE MUD CHEMICAL

ELEVATIONS  
 KB 1640'  
 DF \_\_\_\_\_  
 GL 1635'

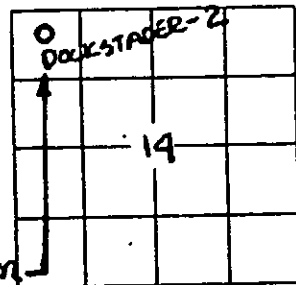
Measurements Are All  
 From Kelly BUSHING

CASING  
 SURFACE 8 5/8" @ 218'  
 PRODUCTION 5 1/2" @ 3470'

ELECTRICAL SURVEYS

SAMPLES SAVED FROM \_\_\_\_\_ 2500' TO \_\_\_\_\_ RTD  
 DRILLING TIME KEPT FROM \_\_\_\_\_ 2450' TO \_\_\_\_\_ RTD  
 SAMPLES EXAMINED FROM \_\_\_\_\_ 2500' TO \_\_\_\_\_ RTD  
 GEOLOGICAL SUPERVISION FROM \_\_\_\_\_ 2500' TO \_\_\_\_\_ RTD  
 GEOLOGIST ON WELL BRAD J. HUTCHISON

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	6516 +984 (+18)	1659 +981
TOPEKA	2555 -915 (-11)	2512 -922
HEEBNER	2785 -1145 (6.4)	2789 -1149
TORONTO	2804 -1164 (6.4)	2807 -1167
LANSING	2843 -1203 (-1)	2844 -1204
BASE KANSAS	3124 -1405 (6.4)	3126 -1487
ARBUCKLE	3775 -1755 (-10)	3776 -1756







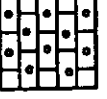




BRUNGARDT OIL & LEASING, INC. Berens BROTHERS #2 - REFERENCE WELL

REMARKS It was recommended based on the favorable structural position and the positive drill stem tests, that 5 1/2" production casing be set and cemented at 3470', and the following zones to be tested thru perforations and acid stimulation.

SURVEY:	DEPTH:	DEVIATION:
	221'	3/4"
	2815'	3/4"
	3480'	1"
STRAP: .83' long		
L. Lansing	2948-51' G.	
	2884-87' C.	
	2868- TO 'B'	

### LEGEND

-  Anhydrite
-  Salt
-  Sandstone
-  Shale
-  Carbonate
-  Limestone
-  Coal/Lime
-  Chert
-  Dolomite

LOG	DRILLING TIME
	1 month (Scale)

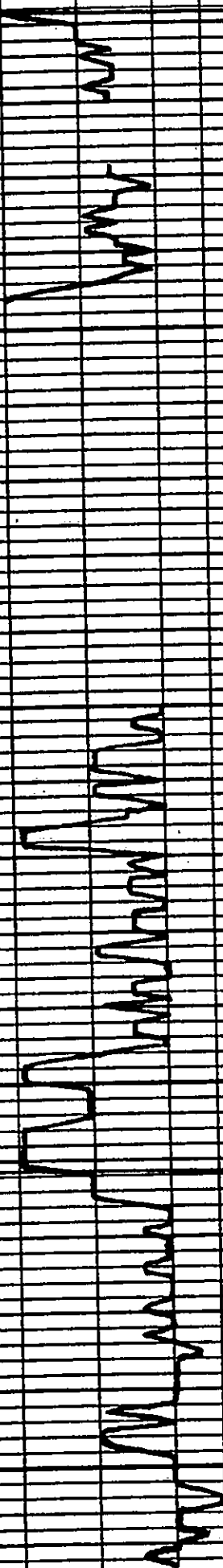
Army 1459 (+98)

CLOCK STOPPED

2500

50

2600



TOPSEA 2562 (-9)

L5 GRY DSE FOSS w/abund  
WHT chalk

AD w/GRY OH.

L7 DIRTY WHT CHALKY  
FOSS

L5 CLM-BUFF CHALKY  
w/ STALACTITES GRAY SH

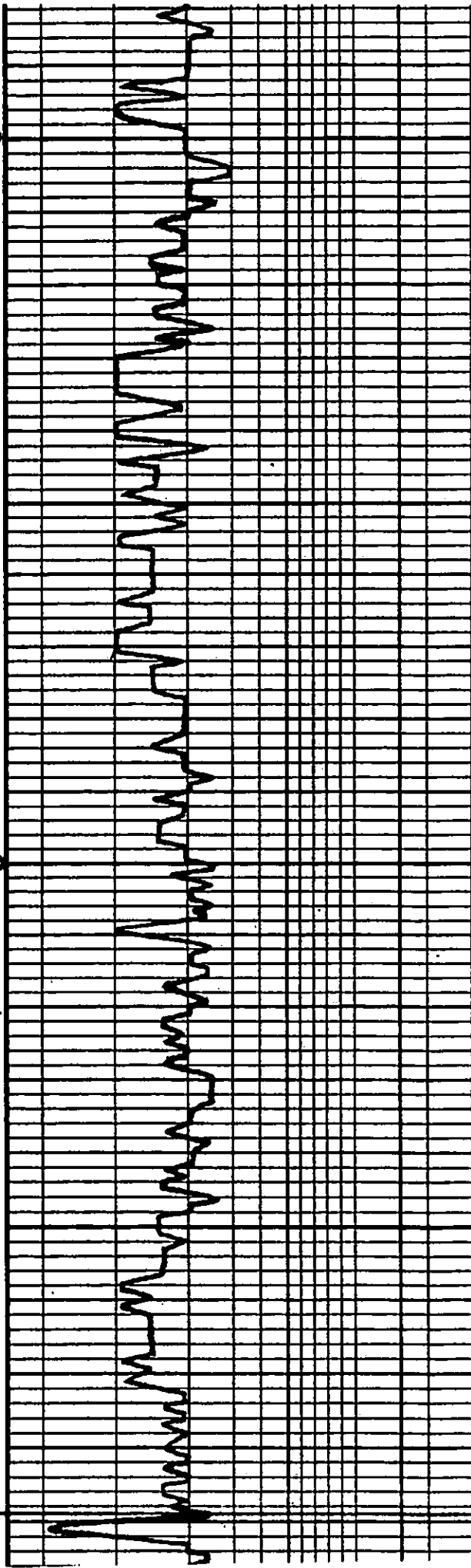


2600

8

2700

8



L7 DIRTY WHT CHALKY  
F055

L5 CRM-BUFF CHALKY  
w/ stringers gray 514

AA

L5 CRM-BUFF FINE F055  
T16 pp 115

5H BLK CARB w/ abundant  
gray mealy sh.

L5 BUFF FINE F055

L5 CRM-OFF WHT FINE  
DSE

AA w/ abundant CRM w/ WHT  
CHALK

L4 gray F055-001

5H BLK CARB.

L5 CRM FINE 006-F055

AA w/ abundant WHT-CRM  
CHALKY L5

L5 WHT-CRM FINE CHALKY

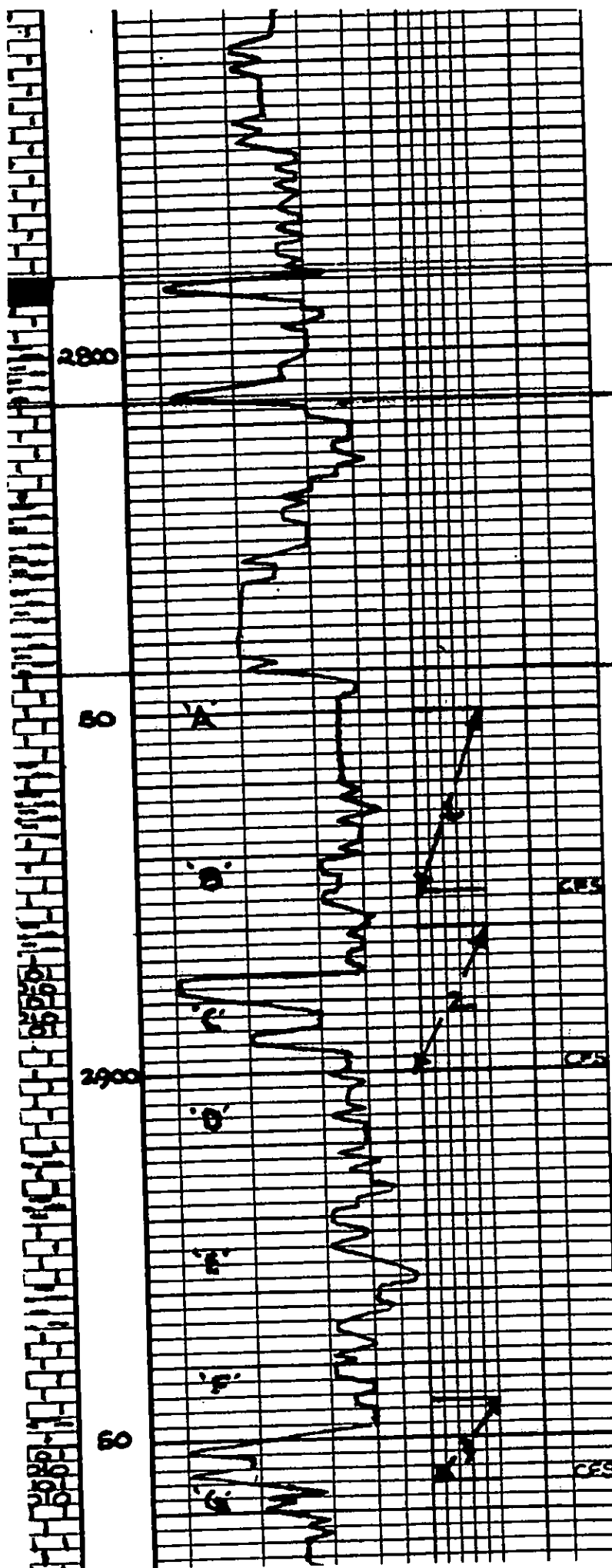
AA

L5 Tan-Lt Gray FINE  
F055 IR Smoky gray A

AA

5H BLK CARB





AA	
L5 Tan-ly GRN FNXL Foss IR Saloky gray A	
AA	
5H BLK carb	
5H gry - Pale GRN mealy	
abund WHT chalk	
AA	
L5 WHT-BUFF VFNXL DSE	
5H RUSTY BRN, PALE GRN, GRY micaceous	
AA	
L5 BUFF-LY GRN DSE Blocky Foss	
5H gry mealy	
L5 WHT FNXL ool - ool Foss IR acid ER ool IR acid BRN - IR - sat SED w/ odor abund crumy ool A	
L5 buff DSE	
L5 BUFF-GRN FNXL ool - ool ad ool ool ad acid golden brn stn sat ad SED (gassy) ad - SE odor	
L5 OFF WHT DSE Blocky	
5H (GRY) RUSTY BRN BLK carb	
L5 BUFF-LY GRN DSE Foss	
5H gry	
L5 BUFF-GRN FNXL ool ad acid ool IR acid IR brn stn sat (some broken p) IR SED (gassy) ER odor abund WHT chalk	
inc. porrea p	
	<p>HAEBNER 2789C</p> <p>LANCASH 2807H</p> <p>LANCASH 2844F</p> <p>DIST-1 2850-2871 45.45.45.45 IF BOB-39" FF BOB-19" REC 340' GIP 30' OCM 20% O B 25' GMD 55% B 45% O 20% M ATP (441.447) FP (11-22) (22-3) MSK (1417-1784)</p> <p>CHART PROF</p> <p>DIST-2 2880-2900 45.45.45.45 IF BOB-2" FF BOB-3" REC 1895' GIP 35' VSB0 &amp; MCW 108% 59% 15% W 60' GW OCM 25% 30% 10% 35% M</p> <p>370' Gassy Oil</p>



SH GRY-pale gfa  
(mealy)  
ABUND FUSY BRN SH

L5 GRN-gry DSE

L5 AND SH AA

L5 BRN-BUFF AY AND  
DSE SH AA

L5 AA

SH RED-Mar pale gfa  
(mealy (laminated))

ABUND VC SH TR UC  
A TR loose qtz

Same AA.

SH AND A AA

A A int GRN SH.

Mainly Black RED SH.

L5 WHY-CRM (Mealy) w inc  
Boony WHY A

L5 BUFF-Dun-ary AY-  
DSE w/ TR BONE WHY  
A

L5 A AA

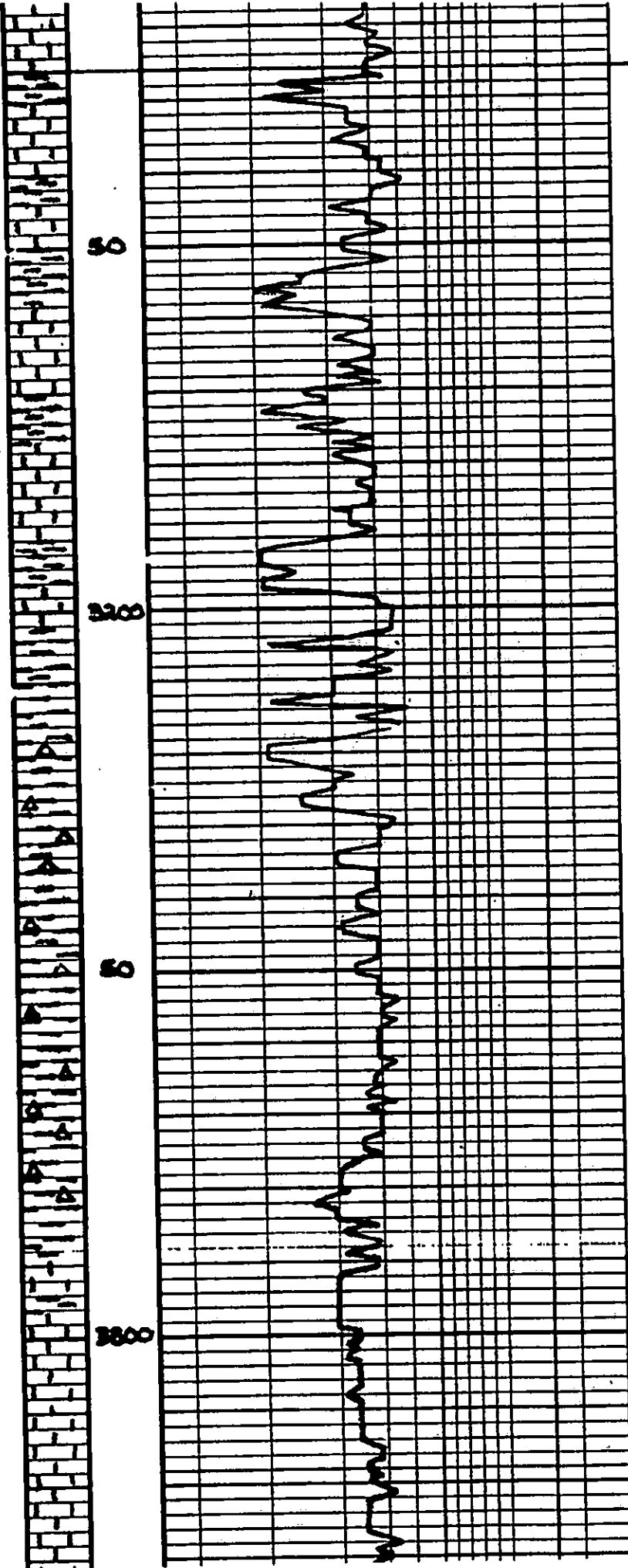
L5 AA w/ TR yellow rat  
A L5 massive

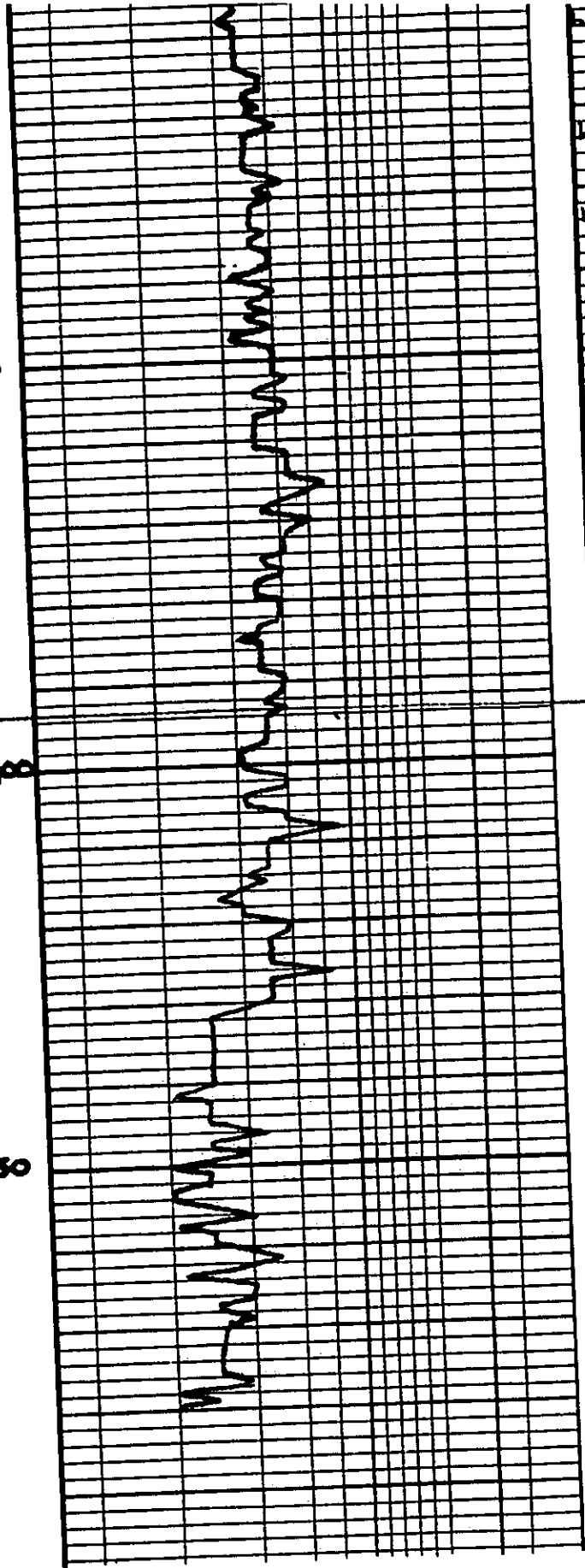
8

3200

8

3800





25 4 A AA  
 15 AA w/ TB yellow cat  
 Δ 15 massive  
 15 CRM w/ TR LT GRAY VENTIL  
 Dolo  
 INC GRAY - BRNISH BLUE WAVY  
 SH  
 5A AA TR Fe5<sub>2</sub>  
 AA  
 5A AA TR 55  
 Dolo LT GRAY - BRN DSE  
 Dolo AA w/ SGTD FR-60  
 vug type A NS  
 AA w/ INC Dolo GRAY  
 mid. s. xl. qd. phamb  
 dev. qd. int. xl. A NS  
 Dolo AA w/ stringers  
 Bone with A  
 AA  
 Dolo AA TR PK FR-MD  
 xl NS  
 Dolo AA NS

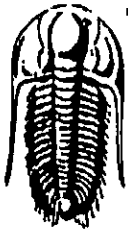
Area 3396 f

8

3400

50





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brungardt Oil & Leasing Inc.

**Dockstader #2**

529 E 14th  
PO Box 871  
Russell, Ks 67665  
ATTN: Brad Hutchinson

**14-12-13 Russell, Ks**  
Job Ticket: 44169      **DST#: 1**  
Test Start: 2011.09.16 @ 11:23:56

## 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: 20.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 18000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

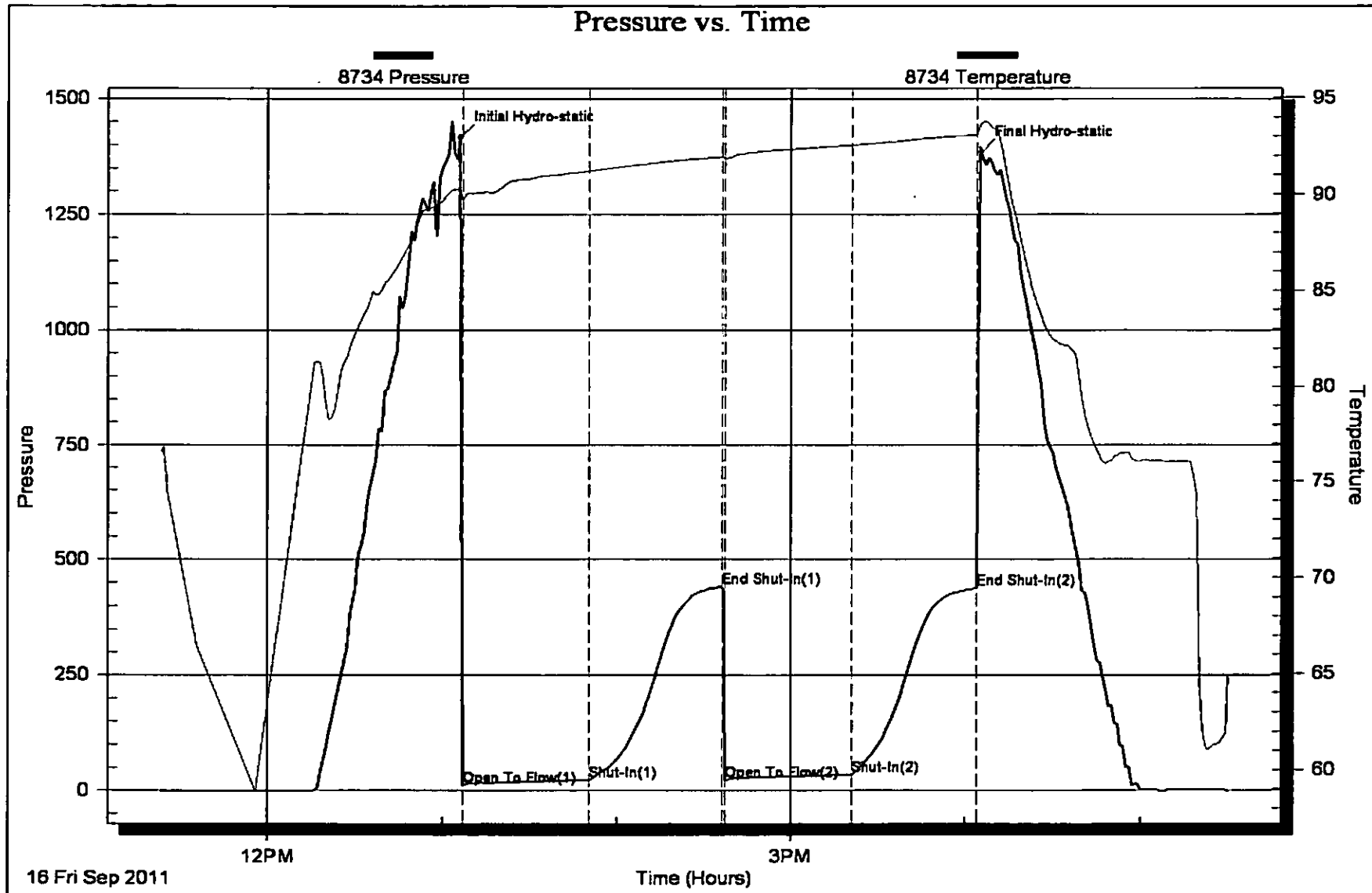
Length ft	Description	Volume bbl
25.00	GMO 35%G, 45%O, 20%M	0.123
30.00	OCM 20%O, 80%M	0.148
0.00	340' GIP	0.000

Total Length: 55.00 ft      Total Volume: 0.271 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

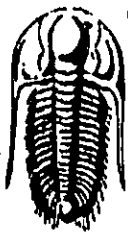
Laboratory Name:      Laboratory Location:

Recovery Comments:









**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brungardt Oil & Leasing Inc.

**Dockstader #2**

529 E 14th  
PO Box 871  
Russell, Ks 67665

**14-12-13 Russell, Ks**

Job Ticket: 44170

**DST#: 2**

ATTN: Brad Hutchinson

Test Start: 2011.09.16 @ 23:59:35

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

42 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

44000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 20.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 18000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
35.00	VSGO & MCW 10%G, 5%O, 75%W, 10%M	0.172
60.00	GWCOM 25%G, 30%O, 10%W, 35%M	0.295
370.00	FREE OIL 95%O, 5%M	2.357
0.00	1895' GIP	0.000

Total Length: 465.00 ft

Total Volume: 2.824 bbf

Num Fluid Samples: 0

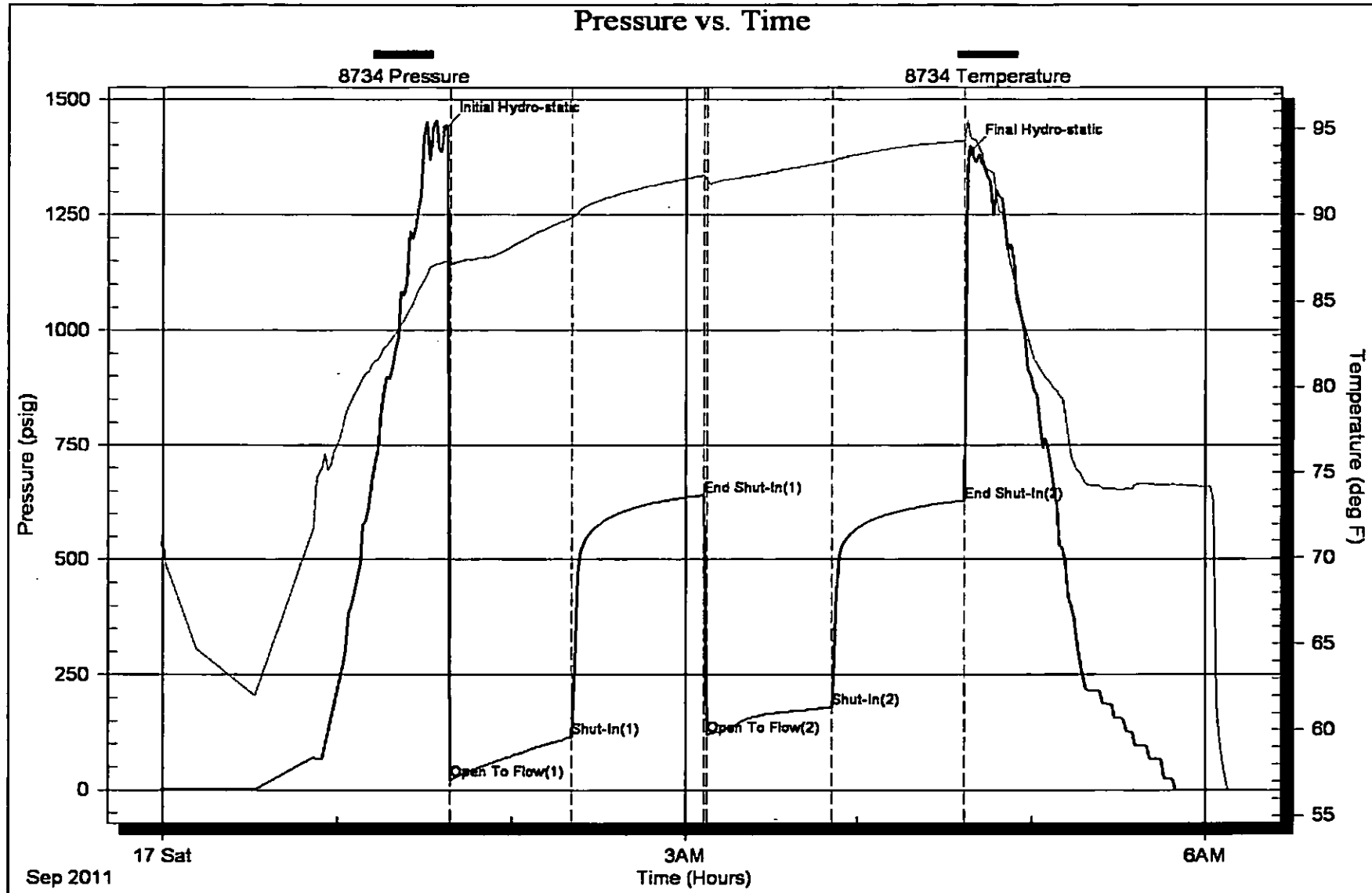
Num Gas Bombs: 0

Serial #:

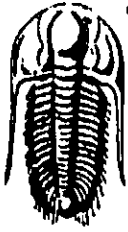
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brudgardt Oil & Leasing Inc.

**Dockstader #2**

529 E 14th  
PO Box 871  
Russell, Ks 67665  
ATTN: Brad Hutchinson

**14-12-13 Russell, Ks**  
Job Ticket: 44171      **DST#: 3**  
Test Start: 2011.09.17 @ 14:08:01

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 56.00 sec/qt  
Water Loss: 8.79 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 10000.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 38 deg API  
Water Salinity: 38000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	GO & WCM 10%G, 10%O, 30%W, 50%M	0.197
20.00	GW & MCO 20%G, 55%O, 15%W, 10%M	0.098
275.00	FREE OIL 95%O, 5%M	1.352
0.00	370' GIP	0.000

Total Length: 335.00 ft      Total Volume: 1.647 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

