

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

*Handwritten:* 12/25/09

Operator: License # 34158  
Name: O'Brien Resources, LLC  
Address: PO BOX 6149  
City/State/Zip: Shreveport / LA / 71136  
Purchaser: None  
Operator Contact Person: Byron E. Trust  
Phone: (318) 865-8568  
Contractor: Name: Sterling Drilling  
License: 5142  
Wellsite Geologist: Kim Shoemaker

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>10/21/2009</u>	<u>11/1/2009</u>	<u>11/1/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 193-20771 -0000  
County: Thomas  
SW    NW    SE    SW    Sec. 7 Twp. 10 S. R. 32  East  West  
791 feet from S / 1 N (circle one) Line of Section  
1,617 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Barnett 7 Well #: 1

Field Name: Wildcat  
Producing Formation: \_\_\_\_\_

Elevation: Ground: 3,086 Kelly Bushing: 3,095  
Total Depth: 4,727' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 335 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 P-A AH II NR  
(Data must be collected from the Reserve Pit) 12-9-09  
Chloride content: 2,000 ppm Fluid volume 240 bbls  
Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: N/A  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Byron E. Trust  
Title: V.P. Of Operations Date: 11/25/2009  
Subscribed and sworn to before me this 25th day of November, 2009.  
Notary Public: Ariana B Hudnall 5565  
Date Commission Expires: with life

KCC Office Use ONLY

Notary Seal: **ARIANA B. HUDNALL - NOTARY PUBLIC**  
BOSSIER PARISH, LA 70309  
5565

RECEIVED  
DEC 04 2009  
KCC WICHITA

Operator Name: O'Brien Resources, LLC Lease Name: Barnett 7 Well #: 1  
 Sec. 7 Twp. 10 S. R. 32  East  West County: Thomas

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p>Dual Induction Log              Compensated Density Neutron PE Log              Micro Log              Sonic Log</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">Name</td> <td style="width: 15%;">Top</td> <td style="width: 15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2,608'</td> <td>+487</td> </tr> <tr> <td>Heebner</td> <td>4,006'</td> <td>-911</td> </tr> <tr> <td>Pawnee</td> <td>4,452'</td> <td>-1,357</td> </tr> <tr> <td>Cherokee Sh</td> <td>4,546'</td> <td>-1,451</td> </tr> <tr> <td>Miss</td> <td>4,671'</td> <td>-1,576</td> </tr> </table>	Name	Top	Datum	Anhydrite	2,608'	+487	Heebner	4,006'	-911	Pawnee	4,452'	-1,357	Cherokee Sh	4,546'	-1,451	Miss	4,671'	-1,576
Name	Top	Datum																	
Anhydrite	2,608'	+487																	
Heebner	4,006'	-911																	
Pawnee	4,452'	-1,357																	
Cherokee Sh	4,546'	-1,451																	
Miss	4,671'	-1,576																	

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
Surface	12-1/4"	8-5/8"	23#/ft	335'	Common	185	3% CC, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd 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  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

RECEIVED

DEC 04 2009

KCC WICHITA

# ALLIED CEMENTING CO., LLC. 043756

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

P; A Cement Ticket

SERVICE POINT:

Oakley  
11-1-09

DATE <u>10-31-09</u>	SEC. <u>7</u>	TWP. <u>10</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>8:00am</u>	JOB START <u>4:30 Am</u>	JOB FINISH <u>5:30 Am</u>
LEASE <u>Barnett 7</u>	WELL # <u>#1</u>	LOCATION <u>Oakley SN 4W 34S</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>E into</u>				

CONTRACTOR Sterling Drilling Rig 1

OWNER same

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4727'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

DRILL PIPE 2 3/4 DEPTH 2625

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

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

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

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

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

DISPLACEMENT \_\_\_\_\_

CEMENT

AMOUNT ORDERED 205 sks 6940  
490 gel 1/4" PLG-seal

COMMON	<u>123 sks</u>	@	<u>15.45</u>	<u>1900.35</u>
POZMIX	<u>82 sks</u>	@	<u>8.00</u>	<u>656.00</u>
GEL	<u>7 sks</u>	@	<u>20.80</u>	<u>145.60</u>
CHLORIDE	_____	@	_____	_____
ASC	_____	@	_____	_____
	<u>Flo-seal 51#</u>	@	<u>2.50</u>	<u>127.50</u>
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
	_____	@	_____	_____
HANDLING	<u>214 sks</u>	@	<u>2.40</u>	<u>513.60</u>
MILEAGE	<u>108 sk/mile</u>			<u>102.00</u>
				TOTAL <u>3450.05</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Andrew

# 431 HELPER Kelly

BULK TRUCK DRIVER Darrin

# 377

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

# \_\_\_\_\_

**REMARKS:**

25 sks @ 2625'

100 sks @ 1785'

40 sks @ 385'

10 sks @ 40'

30 sks Rot hole

Thank you

CHARGE TO: obrien Resources

STREET \_\_\_\_\_

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

**SERVICE**

DEPTH OF JOB 2625'

PUMP TRUCK CHARGE \_\_\_\_\_ 1185.00

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

MILEAGE 5 miles @ 7.00 35.00

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

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

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

TOTAL 1220.00

**PLUG & FLOAT EQUIPMENT**

8 5/8

1 Dry hole Plug @ \_\_\_\_\_ 40.00

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

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

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

TOTAL 40.00

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.

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

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

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

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

SIGNATURE Holden Bellini

RECEIVED  
DEC 04 2009  
KCC WICHITA

# ALLIED CEMENTING CO., LLC. 043733

NO. 4009 P. 2

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

oakley

DATE <u>10-21-09</u>	SEC. <u>7</u>	TWP. <u>10</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>8:00 Am</u>	JOB START <u>5:30 Pm</u>	JOB FINISH <u>9:30 Pm</u>
LEASE <u>Barnett 7</u>	WELL # <u>1</u>	LOCATION <u>oakley SN 46 3/4 S</u>	COUNTY <u>Thomas</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)		<u>E into</u>					

CONTRACTOR Sterling Drilling Rig 1

OWNER same

TYPE OF JOB surf force

HOLE SIZE 12 1/4 TD. 335'

CASING SIZE 8 5/8 DEPTH 335'

TUBING-SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 20.98 bbl

**EQUIPMENT**

PUMP TRUCK CEMENTER Andrew

# 422E HELPER Terry

BULK TRUCK

# 347 DRIVER Lorene

BULK TRUCK

# DRIVER

**REMARKS:**

Cement did not circulate  
Run 120' inch in circulated  
to surface with 100 sks com  
3/8cc

Thank you

CHARGE TO: O'Brien Resources

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

SIGNATURE

[Signature]  
1269 F ROAD  
MORLAND KS 67050

**CEMENT**

AMOUNT ORDERED 185 sks 6/40

3/8cc 2/8 gel

100 sks com 3/8cc for 1 inch

COMMON 210 sks @ 15.45 3244.50

POZMIX 74 sks @ 8.00 592.00

GEL 3 sks @ 20.80 62.40

CHLORIDE 9 sks @ 58.20 523.80

ASC @

@

@

@

@

@

@

@

@

HANDLING 1 @ 2.40 2.40

MILEAGE @ 50.00

TOTAL 4475.10

**SERVICE**

DEPTH OF JOB

PUMP TRUCK CHARGE @ 1018.00

EXTRA FOOTAGE @

MILEAGE 5 @ 7.00 35.00

MANIFOLD @

@

@

TOTAL 1053.00

**PLUG & FLOAT EQUIPMENT**

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

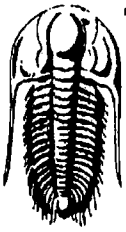
DISCOUNT

IF PAID IN 30 DAYS

RECEIVED

DEC 04 2009

KCC WICHITA



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

O'Brien Resources LLC  
 PO Box 6149  
 Shreveport, LA 71136  
 ATTN: Kim Shoemaker

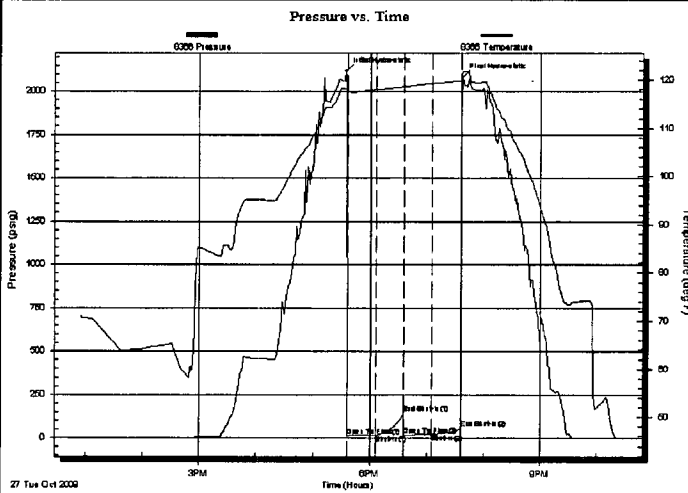
**Barnett #7 /**  
**7/10s/32w Thomas KS**  
 Job Ticket: 35587      **DST#: 1**  
 Test Start: 2009.10.27 @ 12:55:00

## GENERAL INFORMATION:

Formation: **LKC "I - J"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:36:00  
 Time Test Ended: 22:21:00  
 Interval: **4212.00 ft (KB) To 4267.00 ft (KB) (TVD)**  
 Total Depth: 4267.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: James Winder  
 Unit No: 46  
 Reference Elevations: 3095.00 ft (KB)  
 3085.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8366**      **Inside**  
 Press@RunDepth: 21.51 psig @ 4213.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2009.10.27      End Date: 2009.10.27      Last Calib.: 2009.10.27  
 Start Time: 12:55:05      End Time: 22:21:00      Time On Btm: 2009.10.27 @ 17:34:29  
 Time Off Btm: 2009.10.27 @ 19:36:59

**TEST COMMENT:** IF: Surface blow, dead in 14 min.  
 IS: No blow back  
 FF: No blow  
 FSI: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2116.34	118.11	Initial Hydro-static
2	14.60	117.68	Open To Flow (1)
33	17.89	117.97	Shut-In(1)
62	143.47	118.60	End Shut-In(1)
63	19.33	118.54	Open To Flow (2)
92	21.51	119.29	Shut-In(2)
122	54.20	119.87	End Shut-In(2)
123	2081.58	121.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
6.00	SOCM 93% m, 7% o	0.03

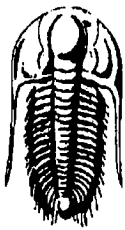
## Gas Rates

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

RECEIVED

DEC 04 2009

KCC WICHITA



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

O'Brien Resources LLC

**Barnett #7 /**

PO Box 6149  
Shreveport, LA 71136

**7/10s/32w Thomas KS**

Job Ticket: 35587

**DST#: 1**

ATTN: Kim Shoemaker

Test Start: 2009.10.27 @ 12:55:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
6.00	SOCM 93% <sub>m</sub> , 7% <sub>o</sub>	0.030

Total Length: 6.00 ft      Total Volume: 0.030 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

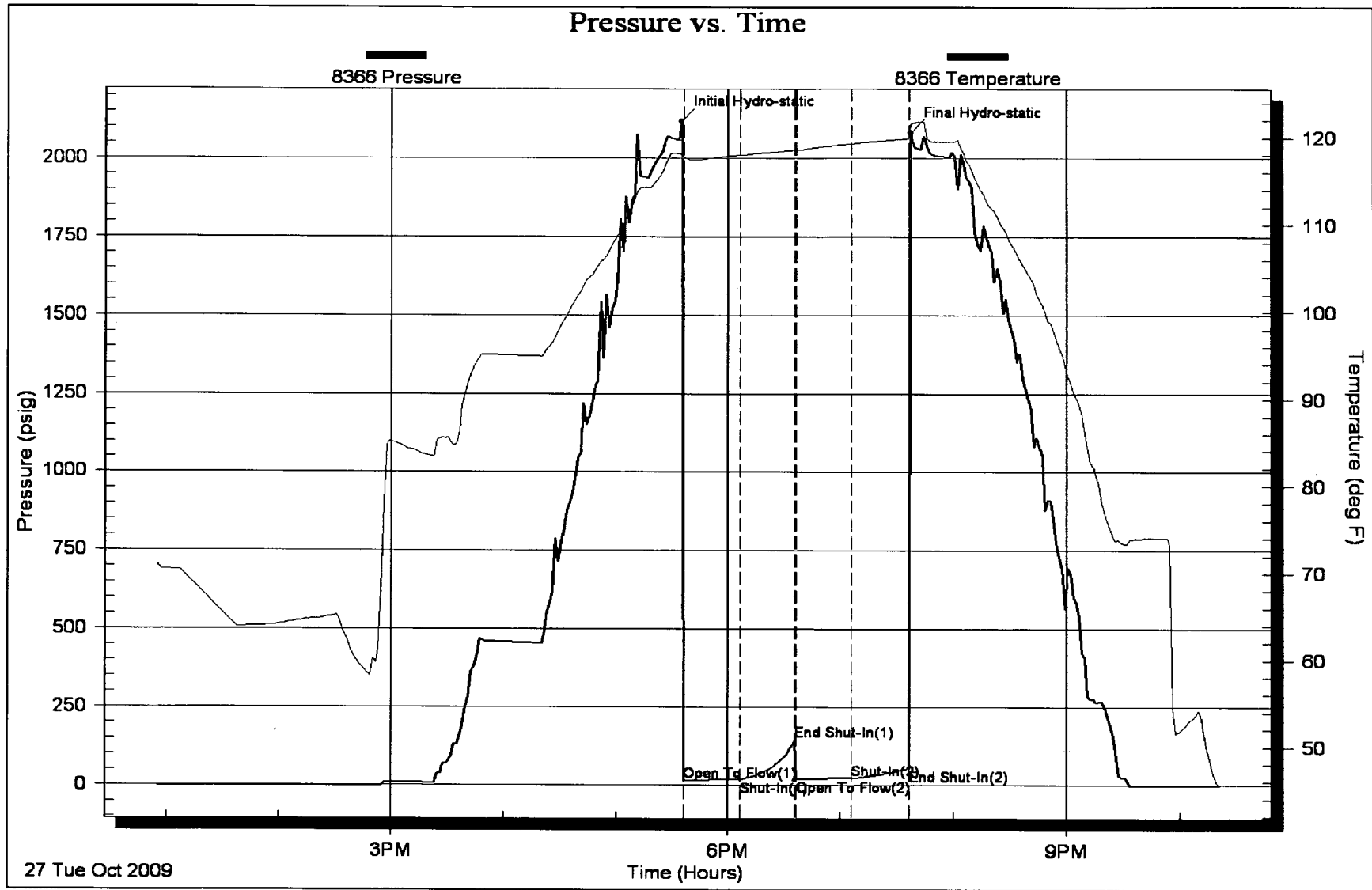
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

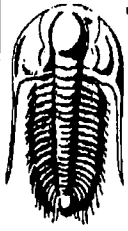
RECEIVED  
DEC 04 2009  
KCC WICHITA



RECEIVED

DEC 04 2009

KCC WICHITA



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

O'Brien Resources LLC  
PO Box 6149  
Shreveport, LA 71136  
ATTN: Kim Shoemaker

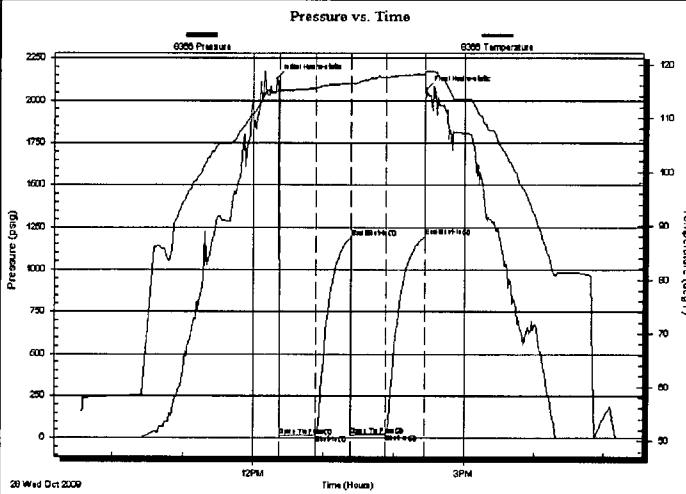
**Barnett #7 /**  
**7/10s/32w Thomas KS**  
Job Ticket: 35588      **DST#: 2**  
Test Start: 2009.10.28 @ 09:33:00

#### GENERAL INFORMATION:

Formation: <b>LKC "K - L"</b>	Test Type: <b>Conventional Bottom Hole</b>
Deviated: <b>No Whipstock:</b> ft (KB)	Tester: <b>James Winder</b>
Time Tool Opened: <b>12:22:30</b>	Unit No: <b>46</b>
Time Test Ended: <b>17:11:00</b>	Reference Elevations: <b>3095.00 ft (KB)</b>
<b>Interval: 4263.00 ft (KB) To 4320.00 ft (KB) (TVD)</b>	<b>3085.00 ft (CF)</b>
Total Depth: <b>4320.00 ft (KB) (TVD)</b>	KB to GR/CF: <b>10.00 ft</b>
Hole Diameter: <b>7.88 inches</b> Hole Condition: <b>Fair</b>	

<b>Serial #: 8366</b> <b>Inside</b>	Capacity: <b>8000.00 psig</b>
Press@RunDepth: <b>23.95 psig @ 4264.00 ft (KB)</b>	Last Calib.: <b>2009.10.28</b>
Start Date: <b>2009.10.28</b> End Date: <b>2009.10.28</b>	Time On Btm: <b>2009.10.28 @ 12:20:30</b>
Start Time: <b>09:33:05</b> End Time: <b>17:10:59</b>	Time Off Btm: <b>2009.10.28 @ 14:27:30</b>

TEST COMMENT: IF: Surface blow, dead in 13 min.  
ISI: No blow back  
FF: No blow  
FSI: No blow back



#### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2131.27	114.88	Initial Hydro-static
2	14.59	115.07	Open To Flow (1)
33	19.13	115.61	Shut-In(1)
63	1191.64	116.43	End Shut-In(1)
63	20.73	115.95	Open To Flow (2)
93	23.95	117.59	Shut-In(2)
126	1195.20	118.12	End Shut-In(2)
127	2065.65	118.70	Final Hydro-static

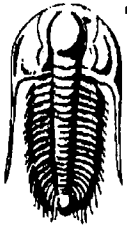
#### Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w/trace of oil 100% <b>m</b>	0.07

#### Gas Rates

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





**TRILOBITE**  
TESTING, INC.

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

O'Brien Resources LLC  
PO Box 6149  
Shreveport, LA 71136  
ATTN: Kim Shoemaker

**Barnett #7 /**  
**7/10s/32w Thomas KS**  
Job Ticket: 35588      **DST#: 2**  
Test Start: 2009.10.28 @ 09:33:00

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

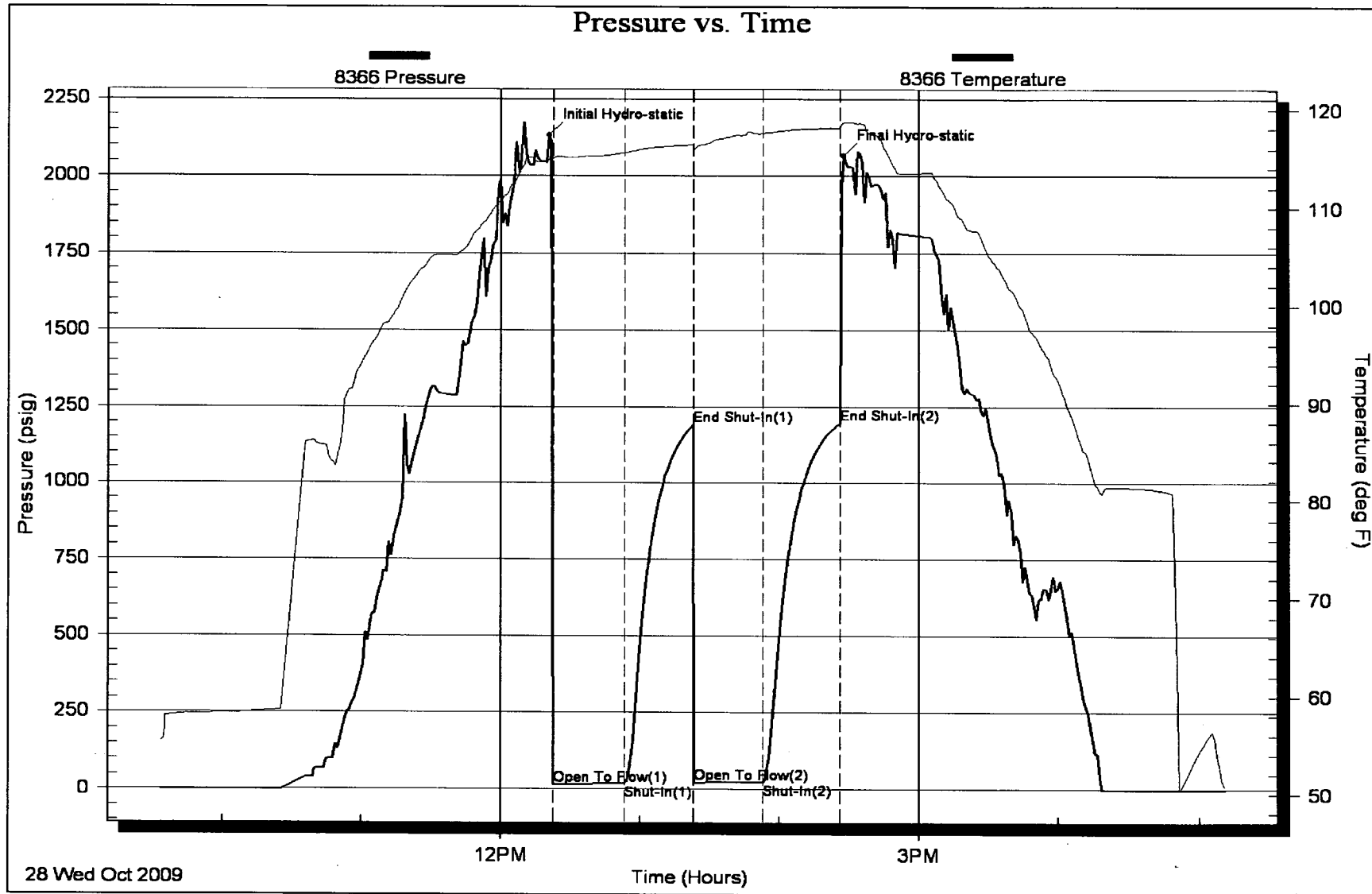
Length ft	Description	Volume bbl
15.00	Mud w/trace of oil 100%m	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

RECEIVED

DEC 04 2009

KCC WICHITA



28 Wed Oct 2009

Time (Hours)

12PM

3PM

RECEIVED  
DEC 04 2009  
KCC WICHITA



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

O'Brien Resources LLC

**Barnett #7 /**

PO Box 6149  
Shreveport, LA 71136

**7/10s/32w Thomas KS**

ATTN: Kim Shoemaker

Job Ticket: 35589

**DST#: 3**

Test Start: 2009.10.29 @ 17:31:00

## GENERAL INFORMATION:

Formation: **Pawnee - Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:15:30

Time Test Ended: 00:56:00

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: **4447.00 ft (KB) To 4538.00 ft (KB) (TVD)**

Reference Elevations: 3095.00 ft (KB)

Total Depth: 4538.00 ft (KB) (TVD)

3085.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8366**

**Inside**

Press@RunDepth: 41.23 psig @ 4448.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2009.10.29

End Date:

2009.10.30

Last Calib.: 2009.10.30

Start Time: 17:31:05

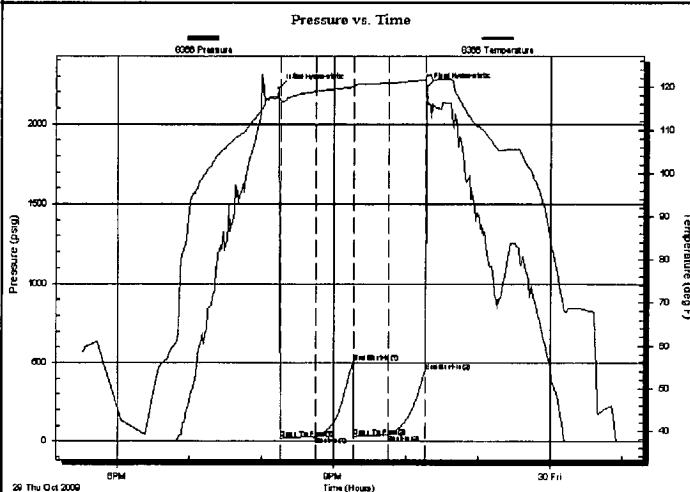
End Time:

00:55:59

Time On Btm: 2009.10.29 @ 20:14:00

Time Off Btm: 2009.10.29 @ 22:16:59

**TEST COMMENT:** IF: Blow built to 1/2"  
IS: Bled off, No blow back  
FF: Blow built to 1"  
FS: Bled off, No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.90	117.96	Initial Hydro-static
2	19.55	116.98	Open To Flow (1)
31	30.96	118.98	Shut-In(1)
62	505.00	120.03	End Shut-In(1)
63	31.22	120.21	Open To Flow (2)
92	41.23	120.92	Shut-In(2)
122	447.22	121.71	End Shut-In(2)
123	2234.42	122.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	SW/GOCM 59% <sub>m</sub> , 22% <sub>o</sub> , 15% <sub>g</sub> , 4% <sub>w</sub>	0.22
0.00	GIP = 15'+	0.00

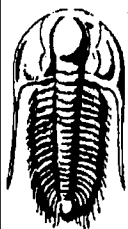
## Gas Rates

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

RECEIVED

DEC 04 2009

KCC WICHITA



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

O'Brien Resources LLC

**Barnett #7 /**

PO Box 6149  
Shreveport, LA 71136

**7/10s/32w Thomas KS**

Job Ticket: 35589 **DST#: 3**

ATTN: Kim Shoemaker

Test Start: 2009.10.29 @ 17:31:00

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
45.00	SW/GOCM 59% <sub>m</sub> , 22% <sub>o</sub> , 15% <sub>g</sub> , 4% <sub>w</sub>	0.221
0.00	GIP = 15'+	0.000

Total Length: 45.00 ft      Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

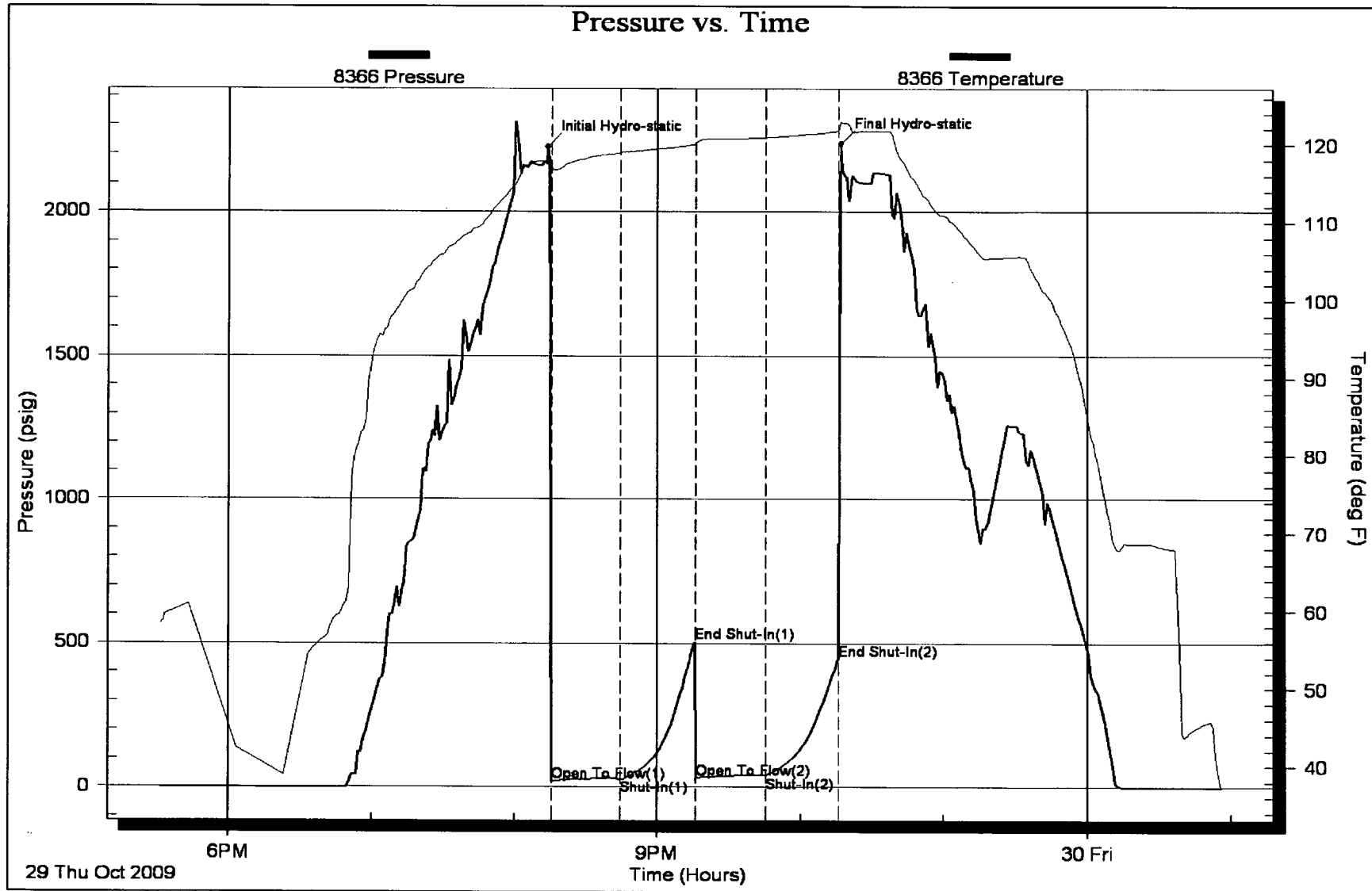
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

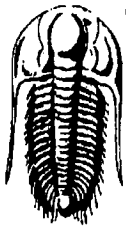
**RECEIVED**



KCC WICHITA

DEC 04 2009

RECEIVED



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

O'Brien Resources LLC  
 PO Box 6149  
 Shreveport, LA 71136  
 ATTN: Kim Shoemaker

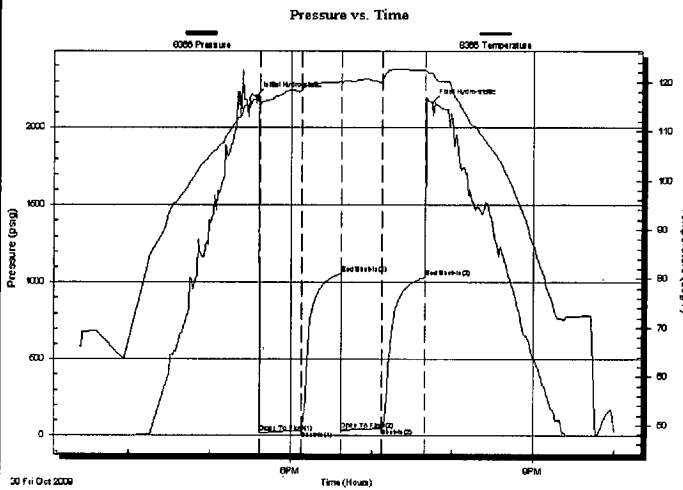
**Barnett #7 /**  
**7/10s/32w Thomas KS**  
 Job Ticket: 35590      **DST#: 4**  
 Test Start: 2009.10.30 @ 15:24:00

## GENERAL INFORMATION:

Formation: **Cherokee - Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:37:00  
 Time Test Ended: 22:01:00  
 Interval: **4546.00 ft (KB) To 4620.00 ft (KB) (TVD)**  
 Total Depth: 4620.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: James Winder  
 Unit No: 46  
 Reference Elevations: 3095.00 ft (KB)  
 3085.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8366**      **Inside**  
 Press@RunDepth: 51.22 psig @ 4547.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2009.10.30      End Date: 2009.10.30      Last Calib.: 2009.10.30  
 Start Time: 15:24:05      End Time: 22:00:59      Time On Btm: 2009.10.30 @ 17:34:00  
 Time Off Btm: 2009.10.30 @ 19:44:30

**TEST COMMENT:** IF: Blow built to 1"  
 IS: Bled off, No blow back  
 FF: No blow  
 FSI: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2202.76	116.46	Initial Hydro-static
3	18.49	115.23	Open To Flow (1)
34	35.90	118.40	Shut-In(1)
63	1055.82	120.07	End Shut-In(1)
64	38.00	119.79	Open To Flow (2)
94	51.22	120.56	Shut-In(2)
126	1031.50	122.46	End Shut-In(2)
131	2160.31	121.82	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud w/trace oil 100%m	0.30

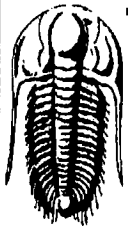
## Gas Rates

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

RECEIVED

DEC 04 2009

KCC WICHITA



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

O'Brien Resources LLC  
 PO Box 6149  
 Shreveport, LA 71136  
 ATTN: Kim Shoemaker

**Barnett #7 /**  
**7/10s/32w Thomas KS**  
 Job Ticket: 35590      **DST#: 4**  
 Test Start: 2009.10.30 @ 15:24:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

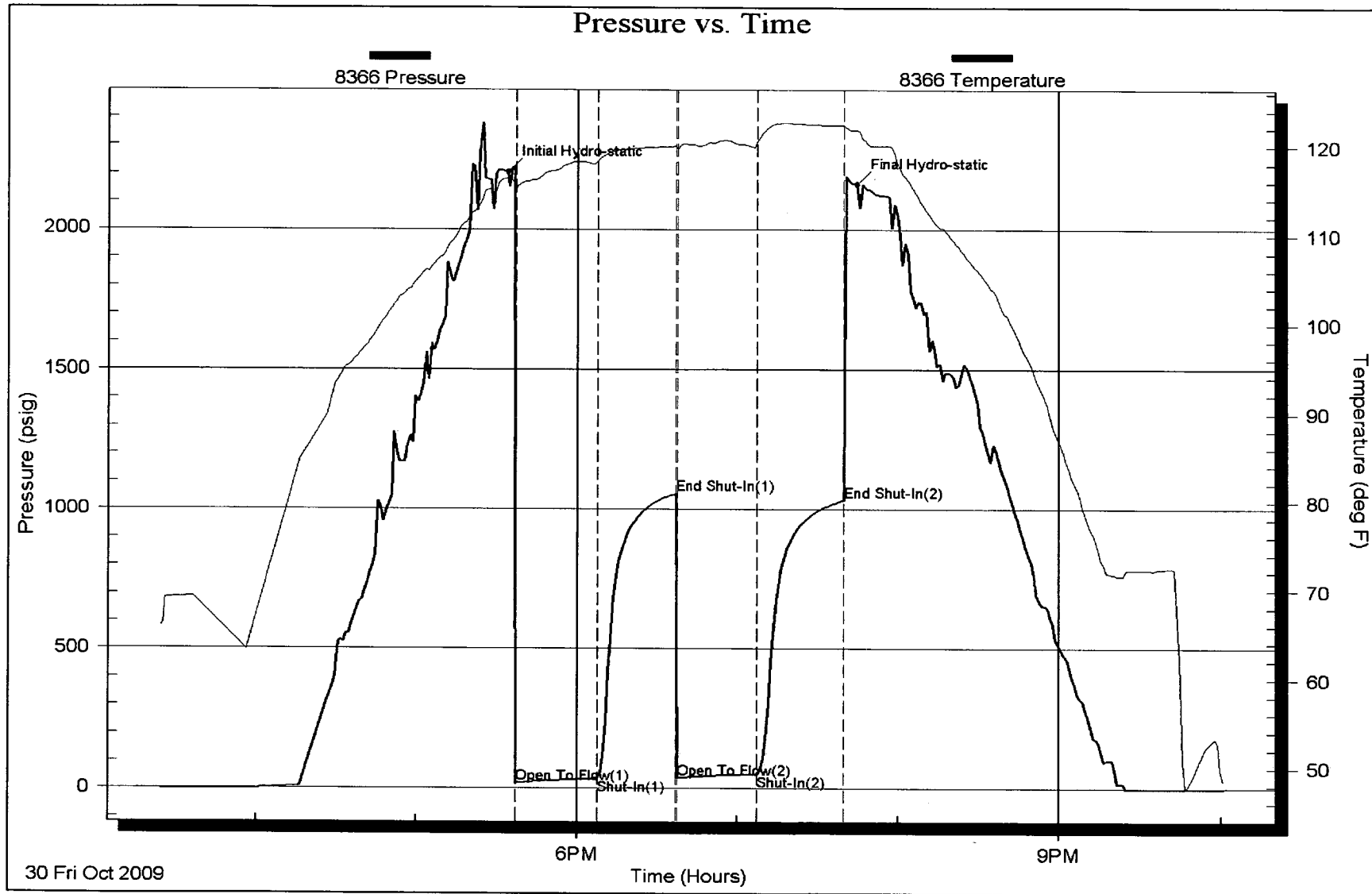
Length ft	Description	Volume bbl
62.00	Mud w/trace oil 100% <sub>m</sub>	0.305

Total Length: 62.00 ft      Total Volume: 0.305 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

**RECEIVED**

**DEC 04 2009**

**KCC WICHITA**



RECEIVED  
DEC 04 2009  
KCC WICHITA