

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 34158  
Name: O'Brien Energy Resources Corp.  
Address 1: PO Box 6149  
Address 2: \_\_\_\_\_  
City: Shreveport State: LA Zip: 71136 + \_\_\_\_\_  
Contact Person: Byron E. Trust  
Phone: ( 318 ) 865-8568  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co., Inc.  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SICW \_\_\_\_\_  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd. \_\_\_\_\_  
 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. \_\_\_\_\_ Conv. to SWD \_\_\_\_\_  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
04-12-10 04-24-10 4-25-10  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 119-21257-00-00  
Spot Description: \_\_\_\_\_  
E2 SE SE Sec. 13 Twp. 33 S. R. 26  East  West  
660 Feet from  North /  South Line of Section  
330 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Meade County, Kansas  
Lease Name: BISEL-THEIS 13 Well #: 1  
Field Name: Wildcat  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2103' Kelly Bushing: 2115'  
Total Depth: 7200' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 931 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/ Att 1 - Dlg - 6/3/10 <sup>sx cmt</sup>

**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 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: 5/7/2010  
Subscribed and sworn to before me this 25 day of MAY  
20 10  
Notary Public: Diana B Hudnall 5569  
Date Commission Expires: with life

Office Use ONLY  
Notary Public  
Diana B. Hudnall - Notary Public  
Bossier Parish, Louisiana  
Date: \_\_\_\_\_  
Wireline Log Received   
Geologic Report Received   
Confidentiality Received   
RECEIVED  
KANSAS CORPORATION COMMISSION  
JUN 01 2010

Operator Name: O'Brien Energy Resources Corp. Lease Name: BISEL-THEIS 13 Well #: 1  
 Sec. 13 Twp. 33 S. R. 26  East  West County: Meade County, Kansas

**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.

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 <i>(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
Conductor	32"	20"		90'	Common	300	3% CaCl
Surface	12-1/4"	8-5/8"	24#	931'	AA	315	

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 <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 Epha: _____		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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Operator Name: O'Brien Resources, LLC Lease Name: Bisel-Theis 13 Well #: 1  
 Sec. 13 Twp. 33 S. R. 26  East  West County: Meade

**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.

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 <i>(Submit Copy)</i>  List All E. Logs Run: Array Induction Shallow Focussed Electric Log Composite Log Borehole Volume Log Microresistivity Log Compact Photo Density Compensated Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Base Stone Corral Anhydrite</td> <td>1,119'</td> <td>989'</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>4,370'</td> <td>-2,262</td> </tr> <tr> <td>Atoka</td> <td>5,309'</td> <td>-3,201</td> </tr> <tr> <td>St. Genevive</td> <td>5,692'</td> <td>-3,584</td> </tr> </table>	Name	Top	Datum	Base Stone Corral Anhydrite	1,119'	989'	Lansing-Kansas City	4,370'	-2,262	Atoka	5,309'	-3,201	St. Genevive	5,692'	-3,584
Name	Top	Datum														
Base Stone Corral Anhydrite	1,119'	989'														
Lansing-Kansas City	4,370'	-2,262														
Atoka	5,309'	-3,201														
St. Genevive	5,692'	-3,584														

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	24#/ft	931'	A-con file & Prem. Plus	315	
CONDUCTOR	32"	20"		90'	Common	360	3% CaCl

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 <i>(Amount and Kind of Material Used)</i>	Depth
		<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>  <b>JUN 01 2010</b>  <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD: Size: N/A Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or Enhr. N/A Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>		

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Customer <b>O'Brien Resources</b>	Lease No.	Date <b>4-13-10</b>
Lease <b>Bisel - Theis</b>	Well # <b>1</b>	
Field Order # <b>171700704</b>	Station <b>Liberal</b>	Casing <b>8 5/8 24"</b>
		Depth <b>931</b>
Type Job <b>Z-42 8 5/8 Surface</b>	Formation	County <b>Meade</b>
		State <b>KS</b>
		Legal Description <b>24-33-26</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<b>8 5/8 24"</b>								
Depth <b>931'</b>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <b>56.5</b>	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <b>Rick</b>	Station Manager <b>Jerry Bennett</b>	Treater <b>Jasen Arrington</b>
Service Units <b>30464 19919 14355 14284 19820</b>		
Driver Names <b>J. McCann V. Vasquez J. Arrington</b>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					On Loc.
11:05					Safety Meeting
11:10					Rig up
14:13					Test Lines to 2500 P.S.I.
14:15	200	—	5	2.5	Pump H <sub>2</sub> O Ahead
14:17	250	—	92	4	Pump 165 sk A-Con @ 11.2 #
14:39	300	—	35	5	Pump 150 sk Premium Plus @ 14.8 #
14:47					Drop Plug
14:48	300	—		4	Disp
14:50	300	—	6	4	Cement to pit, Cont. Disp
14:57	300	—	36	2	Reduce Rate for 10 BBL.
15:01	350	—	46	1	Reduce Rate last 10 BBL.
15:09	1000	—	56.5		Land Plug
15:10	0	—			Check Float, Float Held
15:11					Watch Cement for 30 min for fall back
15:40					Rig down
16:00					Leave Loc.

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JUN 01 2010

CONSERVATION DIVISION  
WICHITA, KS

50 BBL. Cement to Pit

JUN 01 2010

**TREATMENT REPORT**

Customer <i>O'Brien Resources</i>	Lease No. <i>CONSERVATION DIVISION</i>	Date <i>4-25-10</i>
Lease <i>Bisel - Theis</i>	Well # <i>1</i>	Location <i>WICHITA, KS</i>
Field Order # <i>171700597</i>	Station <i>Liberal</i>	Casing
Type Job <i>244 P+A</i>	Formation	Depth
		County <i>Meade</i>
		State <i>Ks</i>
		Legal Description <i>24-23-26</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
		<i>170sk 60'</i>		<i>40 Poz - 4%</i>	<i>total gel</i>			
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
		<i>1.5</i>	<i>4.5</i>	<i>7.5 gal/sk</i>	<i>13.5 #/gal</i>			
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>J. Bennett</i>	Treater <i>M. Cochran</i>
Service Units <i>21753 27808 19553</i>		
Driver Names <i>Cochran T. Gibson</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>00:30</i>					<i>On Loc. / Held Safety Meeting</i>
					<i>1st Plug @ 9:30</i>
<i>04:56</i>	<i>400</i>		<i>10</i>	<i>4</i>	<i>Start Fresh H<sub>2</sub>O</i>
<i>04:59</i>	<i>300</i>		<i>13.4</i>	<i>4</i>	<i>Start Cmt 50sk @ 13.5*</i>
<i>05:03</i>	<i>200</i>		<i>0</i>	<i>4</i>	<i>Start Disp w fresh H<sub>2</sub>O</i>
<i>05:04</i>	<i>200</i>		<i>3</i>	<i>4</i>	<i>Switch to mud</i>
<i>05:06</i>	<i>0</i>		<i>5</i>	<i>0</i>	<i>Shutdown + v flowback</i>
					<i>2nd Plug @ 270'</i>
<i>05:40</i>	<i>200</i>		<i>10</i>	<i>4</i>	<i>start fresh H<sub>2</sub>O</i>
<i>05:43</i>	<i>200</i>		<i>13.4</i>	<i>4</i>	<i>Start Cmt 50sk @ 13.5*</i>
<i>05:46</i>	<i>0</i>		<i>0</i>	<i>4</i>	<i>Start Disp. w fresh H<sub>2</sub>O</i>
<i>05:47</i>	<i>0</i>		<i>0.3</i>	<i>0</i>	<i>Shutdown + v flowback</i>
					<i>3rd Plug @ 60'</i>
<i>06:44</i>	<i>100</i>		<i>5</i>	<i>3</i>	<i>Start Cmt 20sk @ 13.5 / cmt to sand</i>
<i>06:47</i>					<i>Shutdown + v flowback</i>
<i>06:55</i>					<i>Switch to M.H.</i>
<i>06:56</i>	<i>100</i>		<i>5</i>	<i>3</i>	<i>Start Cmt 20sk @ 13.5*</i>
<i>06:58</i>					<i>Shutdown + Switch to R.H.</i>
<i>07:01</i>	<i>100</i>		<i>8</i>	<i>3</i>	<i>Start Cmt 30sk @ 13.5**</i>
<i>07:04</i>					<i>Shutdown / Washup</i>
<i>07:15</i>					<i>End Job</i>



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

O'Brien Resources LLC

**Biesel Thies#1-13**

P.O.Box6149  
Shreveport La.71136

**13-33s-26w Meade Ks.**

ATTN: Dave Williams

Job Ticket: 36171

**DST#: 1**

Test Start: 2010.04.18 @ 10:02:10

## GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:49:25

Time Test Ended: 18:43:40

Test Type: Conventional Bottom Hole

Tester: Gary Pavoteaux

Unit No: 39

Interval: **5451.00 ft (KB) To 5500.00 ft (KB) (TVD)**

Total Depth: 5500.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2115.00 ft (KB)

2103.00 ft (CF)

KB to GR/CF: 12.00 ft

**Serial #: 8167**

**Inside**

Press@RunDepth: 57.47 psig @ 5452.00 ft (KB)

Start Date: 2010.04.18

End Date:

2010.04.18

Capacity: 8000.00 psig

Last Calib.: 2010.04.18

Start Time: 10:02:15

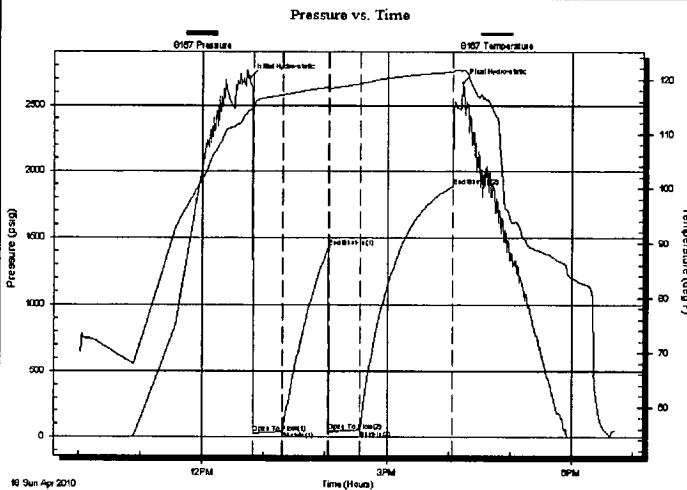
End Time:

18:43:40

Time On Btm: 2010.04.18 @ 12:45:40

Time Off Btm: 2010.04.18 @ 16:13:25

TEST COMMENT: IF:Strong blow . B.O.B. in 22 secs.  
IS:No blow .  
FF:Strong blow . B.O.B. in 4 secs.  
FSI:No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2701.23	114.33	Initial Hydro-static
4	32.38	114.72	Open To Flow (1)
33	45.13	117.17	Shut-In(1)
77	1430.74	118.58	End Shut-In(1)
78	44.52	118.23	Open To Flow (2)
108	57.47	119.19	Shut-In(2)
199	1887.57	121.36	End Shut-In(2)
208	2666.70	121.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drig.mud	0.44
0.00	1590 ft.of GIP	0.00

## Gas Rates

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

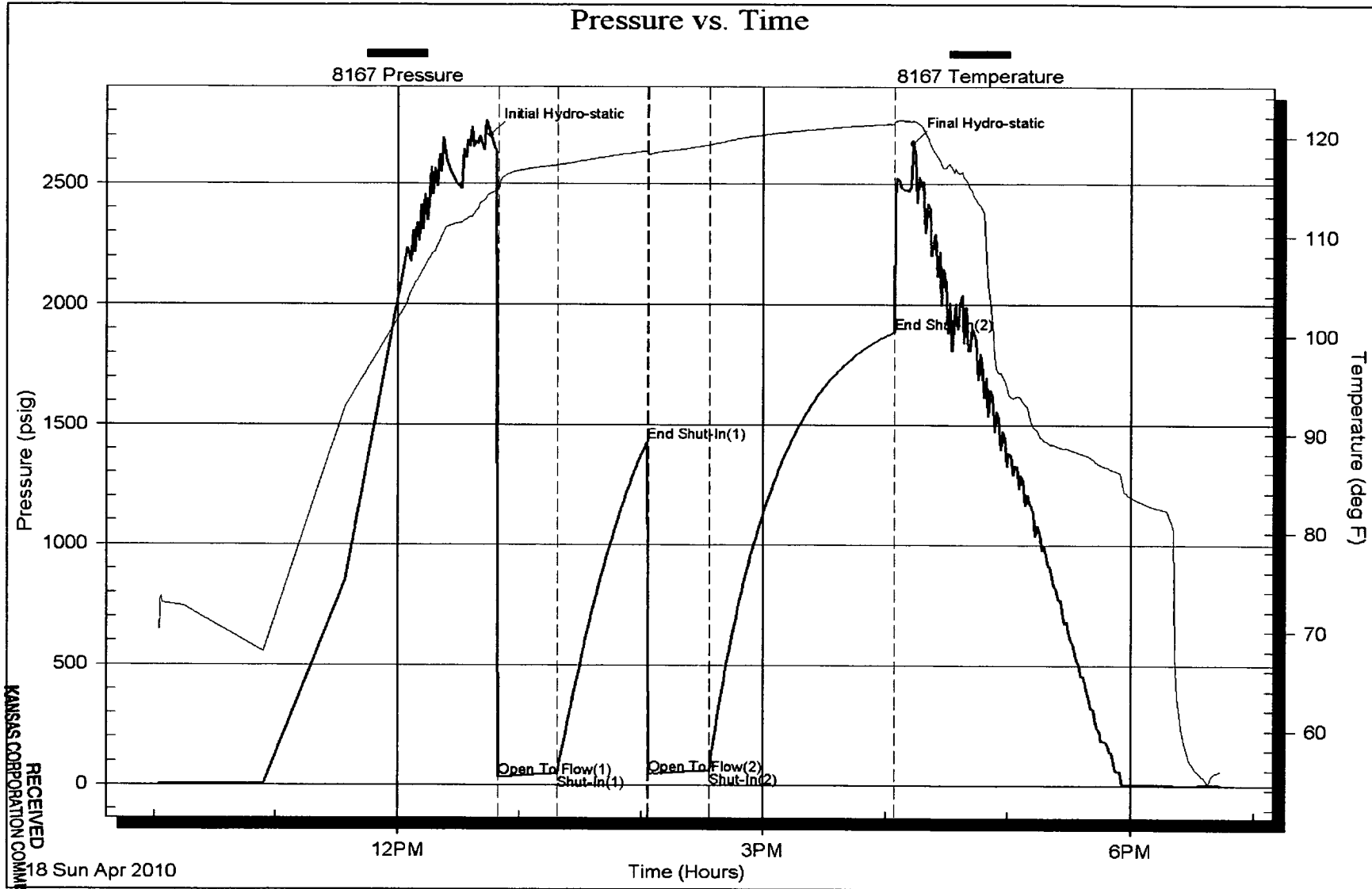
Trilobite Testing, Inc

Ref. No: 36171

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CONSERVATION DIVISION  
WICHITA, KS

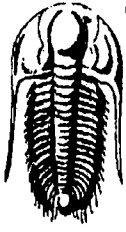


CONSERVATION DIVISION  
WICHITA, KS

JUN 01 2010

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18 Sun Apr 2010



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

O'Brien Resources LLC.  
 P.O.Box 6149 Shreveport IA. 71136  
 ATTN: Dave W.

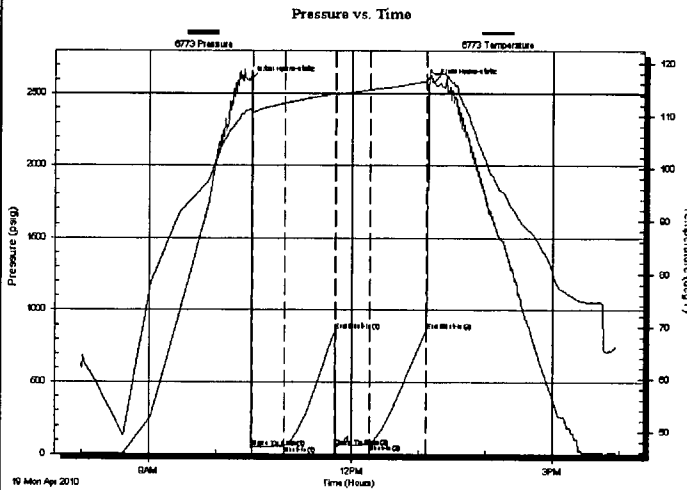
**Biesel Thies 1-13**  
**13/33/26**  
 Job Ticket: 37629      **DST#: 2**  
 Test Start: 2010.04.19 @ 08:00:00

**GENERAL INFORMATION:**

Formation: **Cheaster**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:31:20  
 Time Test Ended: 15:57:50  
 Interval: **5495.00 ft (KB) To 5560.00 ft (KB) (TVD)**  
 Total Depth: 5560.00 ft (KB) (TVD)  
 Hole Diameter: 7.78 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Harley Davidson  
 Unit No: 33  
 Reference Elevations: 2114.00 ft (KB)  
 2103.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6773      Inside**  
 Press@RunDepth: 68.95 psig @ 5497.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2010.04.19      End Date: 2010.04.19      Last Calib.: 2010.04.19  
 Start Time: 08:00:05      End Time: 15:57:50      Time On Btm: 2010.04.19 @ 10:29:10  
 Time Off Btm: 2010.04.19 @ 13:12:30

**TEST COMMENT:** IF- Weak building blow, 6" into bucket.  
 IS- No blow back.  
 FF- Weak building blow, 5" into bucket.  
 FS- No blow back.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2596.54	111.22	Initial Hydro-static
3	46.72	110.67	Open To Flow (1)
32	57.67	112.37	Shut-In(1)
76	854.56	114.32	End Shut-In(1)
77	54.92	114.11	Open To Flow (2)
107	68.95	114.97	Shut-In(2)
158	858.80	116.58	End Shut-In(2)
164	2583.13	118.19	Final Hydro-static

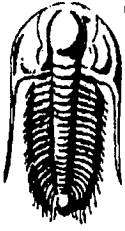
**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	300' GIP	0.00
90.00	95% mud 5% water	0.44

**Gas Rates**

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





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

O'Brien Resources LLC.  
P.O.Box 6149 Shreveport LA. 71136  
ATTN: Dave W.

**Biesel Thies 1-13**  
**13/33/26**  
Job Ticket: 37629      **DST#: 2**  
Test Start: 2010.04.19 @ 08:00:00

**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: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

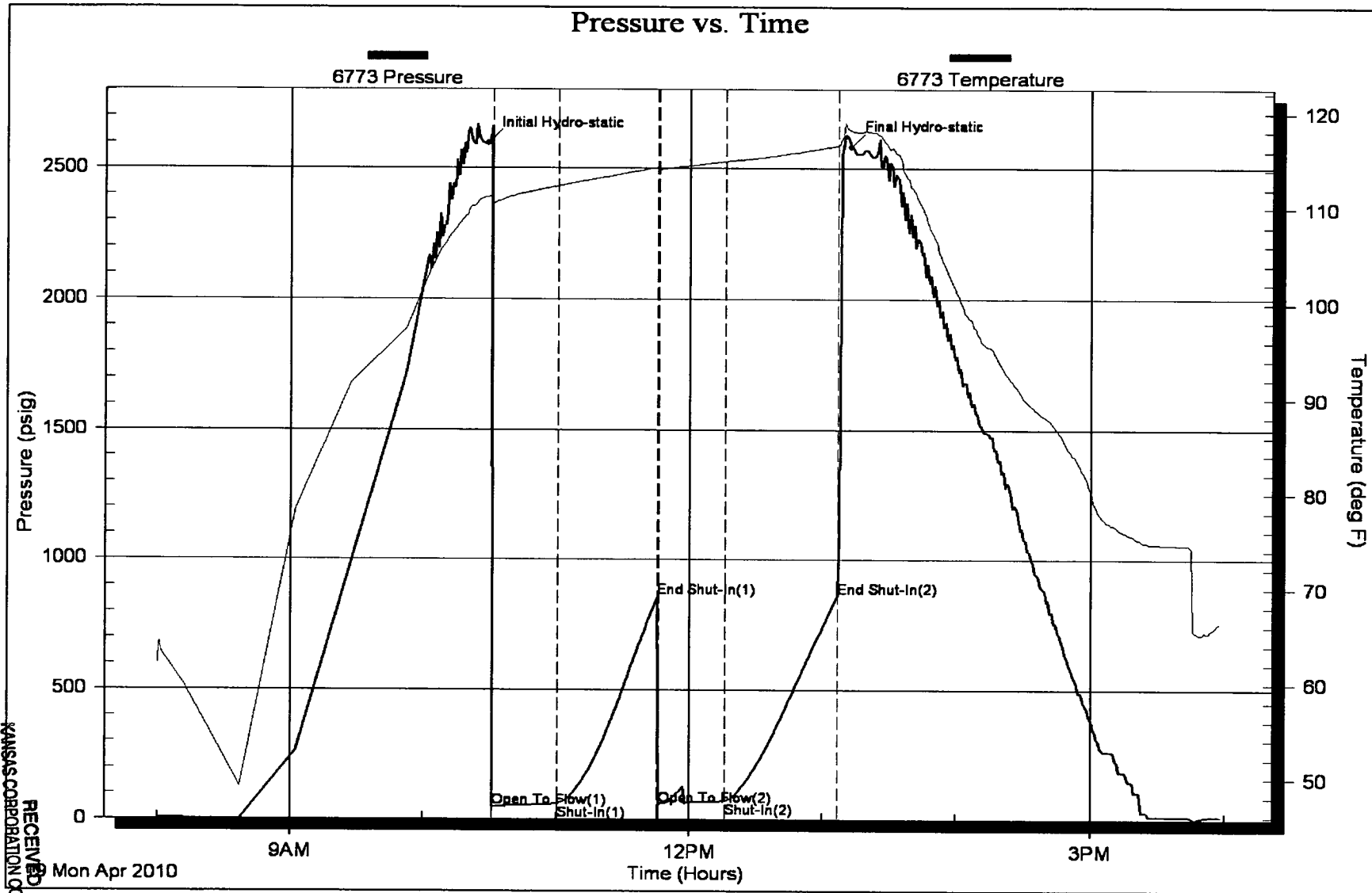
Length ft	Description	Volume bbl
0.00	300' GIP	0.000
90.00	95% mud 5% water	0.443

Total Length: 90.00 ft      Total Volume: 0.443 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

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KANSAS CORPORATION COMMISSION**

**JUN 01 2010**

**CONSERVATION DIVISION  
WICHITA, KS**



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WICHITA, KS

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