

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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

6/21/12

OPERATOR: License # 33036
Name: Strata Exploration, Inc.
Address 1: PO Box 401
Address 2: _____
City: Fairfield State: IL Zip: 62837 + 0401
Contact Person: John R. Kinney
Phone: (618) 842-2610
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Jon Christensen
Purchaser: MV Purchasing/Oneok

KCC
JUN 21 2010
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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 #: _____
4/14/2010 04/24/2010 05/26/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15097216720000
Spot Description: _____
E/2 NW SW NE Sec. 32 Twp. 27 S. R. 18 East West
1,650 Feet from North / South Line of Section
2,296 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Kiowa
Lease Name: Todd Well #: 2-28 32
Field Name: Unnamed
Producing Formation: Mississippian
Elevation: Ground: 2209' Kelly Bushing: 2220'
Total Depth: 4950 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 523 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: 15100 ppm Fluid volume: 850 bbls
Dewatering method used: Haul off free fluids / Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: Roberts Resources
Lease Name: MARY License #: 32781
Quarter NE Sec. 16 Twp. 29 S. R. 18 East West
County: Kiowa Permit #: D28396

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.

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.
Signature: John R. Kinney
Title: President Date: 6/21/2010

KCC Office Use ONLY
 Letter of Confidentiality Received Date: 6-21-10 RECEIVED
 Confidential Release Date: JUN 28 2010
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NJ Date: 6-30-10

Operator Name: Strata Exploration, Inc. Lease Name: Todd Well #: 2-2832
 Sec. 32 Twp. 27 S. R. 18 East West County: Kiowa

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input 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: Induction, Comp den-neutron, Micro & Sonic logs	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum *See Geologic Report <div style="text-align: center;"> KCC JUN 21 2010 CONFIDENTIAL </div>
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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 1/4	8 5/8	23#	525'	Lite/Class A	200/200	3%CC, 1/4# flake
Long String	7 7/8	5 1/2	15.5 #	4936'	50/50 Poz	200	2% gel, 5% kcl, 5% calset
							6# gils, 1/2% fla

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
4 SPF	4773-4798' Miss.	Acidize w/ 1875 gal 10% MIRA (75 gal per ft)	4773-4798
	RECEIVED	Frac - 1328 bbls of Pro-gel 2500 and 42,250#	
	JUN 28 2010	16/30 Brady sand	
	KCC WICHITA		

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>4769'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>Waiting on Pipeline</u>	Producing Method: <input checked="" 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 checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4773-4798' Miss.</u>
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PREPAY



PAGE	CUST NO	INVOICE DATE
1 of 1	1004072	04/19/2010
INVOICE NUMBER		
1718 - 90294814		

Pratt (620) 672-1201
 B STRATA EXPLORATION
 I PO Box: 401
 L FAIRFIELD
 L IL US 62837
 T
 O ATTN:

J LEASE NAME Todd 2-32
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

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JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40172803	20920		Net - 30 days	05/19/2010
<i>For Service Dates: 04/15/2010 to 04/15/2010</i>				
0040172803				
171801787A Cement-New Well Casing/Pi 04/15/2010 CNW-8 5/8" Surface				
Cement				
A Serv Lite				
Cement				
Common				
Additives				
Cello-flake				
Calcium Chloride				
Calcium Chloride				
Additives				
Cement Gel				
Cement Float Equipment				
Top Rubber Cement Plug				
Mileage				
Heavy Equipment Mileage				
Mileage				
Proppant & Bulk Delivery Charges				
Mileage				
Blending & Mixing Service Charge				
Pickup				
Unit Mileage Charge-Pickups, Vans & Cars				
Pump Charge-Hourly				
Depth Charge; 0-500'				
Cementing Head w/Manifold				
Plug Container Utilization Charge				
Supervisor				
Service Supervisor				

LEASE	TODD # 2-32	LEV	P/P
4/22		5	4/22
DES	CEMENT SURE PIPE		A/P
DRI	COM	LOE	G/L
X			71730
			D/D

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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,066.83
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	256.56
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	6,323.39
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

BASIC

energy services, L.P.

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TREATMENT REPORT

Customer <i>STRATA EXPLORATION</i>	Lease No.	Date <i>4-15-10</i>
Lease <i>TODD</i>	Well # <i>2-32</i>	
Field Order # <i>1787</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>
	Depth <i>309'</i>	County <i>kiowa</i>
Type Job <i>CNW 8 5/8 Surface</i>	Formation	Legal Description <i>32-27-1R</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>324'</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>32</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>509</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative _____ Station Manager *DAVE SCOTT* Treater *Robert Sullivan*

Service Units	<i>19867</i>	<i>19959</i>	<i>20920</i>	<i>19961</i>	<i>19918-</i>				
Driver Names	<i>Sullivan</i>	<i>Anthony</i>	<i>Phye</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0700</i>					<i>ON loc. Softly mostly</i>
					<i>Run 12 5/8 8 5/8 # 23 csg.</i>
<i>0940</i>					<i>CASING ON BOTTOM</i>
<i>0950</i>					<i>Hook Rig To 13200 circ</i>
<i>1010</i>	<i>200</i>		<i>57</i>	<i>5</i>	<i>At mixing cont 200 sk A-Soru lido</i>
<i>1015</i>			<i>48</i>	<i>5</i>	<i>mix Tail 200 sk comm 290nd 30k or 40 collabe</i>
					<i>Shut down AND Release Plug</i>
<i>1040</i>				<i>4</i>	<i>Start Disp.</i>
<i>1050</i>	<i>200</i>		<i>32</i>		<i>plug down</i>
					<i>circulated 15 min cont to pit</i>
					<i>Job Complete</i>
					<i>Thank you</i>

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WELLFILE		
PAGE 1 of 2	CUST NO 1004072	INVOICE DATE 04/26/2010
INVOICE NUMBER 1718 - 90300101		

PAID
5-14-10
FNB SA#5919

Pratt (620) 672-1201
B STRATA EXPLORATION
I PO Box: 401
L FAIRFIELD
L IL US 62837
T
O ATTN:

J LEASE NAME Todd 2-32
O LOCATION
B COUNTY Kiowa
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40175363	19905		Net - 30 days	05/26/2010
<i>For Service Dates: 04/25/2010 to 04/25/2010</i>				
0040175363				
171801905A Cement-New Well Casing/Pi 04/25/2010 CNW-5 1/2" Longstring				
Cement	200.00	EA		1,165.93 T
50/50 POZ	50.00	EA	6.36	317.98 T
Cement	499.00	EA	0.79	396.68 T
60/40 POZ	840.00	EA	0.40	333.88 T
Additives	84.00	EA	3.97	333.88 T
KCl, Potassium Chloride	1,200.00	EA	0.36	426.10 T
Additives	6.00	EA	18.55	111.29 T
Gilsonite	1,000.00	EA	0.46	455.77 T
Additives	1.00	EA	211.99	211.99
CS-1L, KCl Substitute	1.00	EA	190.79	190.79
Additives	12.00	EA	58.30	699.56
Mud Flush	2.00	EA	153.69	307.38
Cement Float Equipment	6.00	EA	39.75	238.49
Latch Down Plug & Baffle	60.00	MI	3.71	222.59
Cement Float Equipment	317.00	MI	0.85	268.80
Auto Fill Float Shoe				
Cement Float Equipment				
Turbolizer				
Cement Float Equipment				
5 1/2" Basket				
Cement Float Equipment				
Cement Scratchers Cable Type				
Mileage				
Heavy Equipment Mileage				
Mileage				

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LEASE	4/29	Todd #2-32	LEV	5	P/P	5/5
DES	CEMENT 5 1/2" LONGSTRING			A/P	5/11	
DRL	COM	LOE	G/L	D/D		
	X		73551 / 5.85	-53 23.23		
			73325 / 1697.66	697.17		
			73175 /	1,165.93 T		



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PAGE 2 of 2	CUST NO 1004072	INVOICE DATE 04/26/2010
INVOICE NUMBER 1718 - 90300101		

Pratt (620) 672-1201
 B STRATA EXPLORATION
 I PO Box: 401
 L FAIRFIELD
 L IL US 62837
 T
 O ATTN:

J LEASE NAME Todd 2-32
 O LOCATION
 B COUNTY Kiowa
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
40175363	19905			Net - 30 days	05/26/2010
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Proppant & Bulk Delivery Charges					
Mileage		250.00	MI	0.74	185.49
Blending & Mixing Service Charge					
Pickup		30.00	HR	2.25	67.57
Unit Mileage Charge-Pickups, Vans & Cars					
Pump Charge-Hourly		1.00	HR	1,335.54	1,335.54
Depth Charge; 4001'-5000'					
Cementing Head w/Manifold		1.00	EA	132.49	132.49
Plug Container Utilization Charge					
Supervisor		1.00	HR	92.74	92.74
Service Supervisor					

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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,494.94
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	223.12
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,718.06
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

KCC

FIELD SERVICE TICKET

JUN 29 2010

1718 1905 A

CONFIDENTIAL

32-275-18W

DATE _____ TICKET NO. _____

DATE OF JOB: 4-25-10		DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: Strata Exploration, Incorporated				LEASE: Todd		WELL NO: 2-32	
ADDRESS:				COUNTY: Kiowa		STATE: Kansas	
CITY:				STATE:		SERVICE CREW: C. Messick: M. Mattal: M. Nall	
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE AM/PM TIME
19,866	1						4-25-10 PM 12:00
						ARRIVED AT JOB	AM/PM 2:30
19,903-19,905	1					START OPERATION	AM/PM 10:30
						FINISH OPERATION	AM/PM 11:30
19,832-21,010	1					RELEASED	4-25-10 AM/PM 11:50
						MILES FROM STATION TO WELL	30

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP 104	50/50 Poz Cement	slr	200		\$ 2,200 00
P CP 103	60/40 Poz Cement	slr	50		\$ 600 00
P C 700	KCL, Potassium Chloride	Lb	499		\$ 748 50
P CC 113	Cal Set	Lb	840		\$ 630 00
P CC 129	FLA-322	Lb	84		\$ 630 00
P CC 1200	Gilsonite	Lb	1,200		\$ 804 00
P CF 607	Latch Down Plug and Baffle, 5 1/2"	ea	1		\$ 400 00
P CF 1251	AutoFill Float Shoe, 5 1/2"	ea	1		\$ 360 00
P CF 1651	Turbolizer, 5 1/2"	ea	12		\$ 1,320 00
P CF 1901	Basket, 5 1/2"	ea	2		\$ 580 00
P CF 2001	Recipricating Scratchers, 5 1/2"	ea	6		\$ 450 00
C 704	CS-1L, Claymax	Gal	6		\$ 210 00
CC 151	Mud Flush	Gal	1,000		\$ 860 00
RECEIVED JUN 28 2010 KCC WICHITA					

CHEMICAL / ACID DATA:			

SUB TOTAL	DLS
SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
------------------------	---

FIELD SERVICE ORDER NO. _____

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 ~~1006~~ A
Continuation

32-275-18W

DATE TICKET NO. 1905

DATE OF JOB: 4-25-10		DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER: Strata Exploration, Incorporated		LEASE: Todd		WELL NO. 2-32						
ADDRESS:		COUNTY: Kiowa		STATE: Kansas						
CITY:		STATE:		SERVICE CREW: C. Messick; M. Mattal; M. Nall						
AUTHORIZED BY:		JOB TYPE: C.N.W. - Longstring								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P E 100	Pickup Mileage	mi	30	\$	127 50
P E 101	Heavy Equipment Mileage	mi	60	\$	420 00
P E 113	Bulk Delivery	tm	317	\$	506 40
P CE 205	Cement Pump: 4,001 Feet To 5,000 Feet	Job	1	\$	2,520 00
P CF 240	Blending and Mixing Service	sk	250	\$	350 00
P CE 504	Plug Container	Job	1	\$	250 00
P S003	Service Supervisor	Job	1	\$	175 00

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CHEMICAL / ACID DATA:			

SUB TOTAL		\$	7494 94
SERVICE & EQUIPMENT	%TAX ON \$		DLS
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE:	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

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 JUN 28 2010 JUN 21 2010
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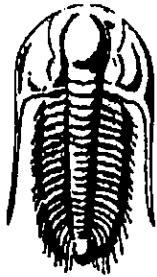
TREATMENT REPORT

Customer: Strata Exploration, Incorporated Lease No.: KCC WICHITA Date: 4-25-10
 Lease: Todd Well #: 2-32
 Field Order #: 1405 Station: Pratt, Kansas Casing: 5/2 Depth: 4,940 feet County: Kiowa State: Kansas
 Type Job: C.N.W. - Long String Formation: Legal Description: 32-25-18W

PIPE DATA		PERFORATING DATA		MATERIAL USED		TREATMENT RESUME	
Casing Size: <u>5 1/2</u>	Tubing Size: <u>5 1/2</u>	Shots/Ft: <u>200</u>	Shots: <u>50/50</u>	Rate: <u>58</u>	Pressure: <u>28</u>	ISIP: <u>58</u>	Cal Set: <u>Set</u>
Depth: <u>40</u>	Depth: <u>40</u>	From: <u>58</u>	To: <u>FLA-322</u>	Max: <u>58</u>	Min: <u>6</u>	Avg: <u>1.42</u>	Annulus Pressure: <u>5 Min.</u>
Volume: <u>11.6</u>	Volume: <u>11.6</u>	From: <u>4</u>	To: <u>1.5</u>	Rate: <u>5.95</u>	Gas Volume: <u>1.42</u>	Total Load: <u>10 Min.</u>	
Max Press: <u>100</u>	Max Press: <u>100</u>	From: <u>50</u>	To: <u>60</u>	Rate: <u>40</u>	Avg: <u>117.1</u>	Annulus Pressure: <u>15 Min.</u>	
Well Connection: <u>Plug Container</u>	Annulus Vol.: <u>50</u>	From: <u>50</u>	To: <u>60</u>	Rate: <u>40</u>	Gas Volume: <u>117.1</u>	Annulus Pressure: <u>15 Min.</u>	
Plug Depth: <u>4</u>	Packer Depth: <u>4</u>	From: <u>50</u>	To: <u>60</u>	Rate: <u>40</u>	Gas Volume: <u>117.1</u>	Annulus Pressure: <u>15 Min.</u>	

Customer Representative: George Paine Station Manager: David Scott Treater: Clarence R. Messick
 Service Units: 19,866 19,903 19,905 19,826 19,860
 Driver Names: Messick Mattal Naill

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>2:30</u>					<u>Trucks on location and holds safety meeting.</u>
<u>5:00</u>					<u>Sterling Drilling start to run Auto Fill Guide Shoe, Shoe Joint with Latchdown Baffle screwed into collar and a total of 116 Joints new 15.5 Lb./Ft. 5 1/2" casing. Turbolizers were installed on collars # 5, 7, 1, 2, 3, 4, 8, 12, 16, 20, 24, 28, and # 32. A Baster was installed above collars # 9 and # 22. Reciprocating scratchers were installed on Joint # 2 approximately 6 Feet Apart.</u>
<u>8:00</u>					<u>Casing in well Circulate and Reciprocate for 45 minutes.</u>
<u>10:40</u>	<u>400</u>		<u>6</u>	<u>6</u>	<u>Start Fresh Water Pre-Flush.</u>
	<u>400</u>		<u>20</u>	<u>6</u>	<u>Start Mud Flush.</u>
	<u>400</u>		<u>44</u>	<u>5</u>	<u>Start Fresh Water Spacer.</u>
	<u>300</u>		<u>49</u>	<u>5</u>	<u>Start mixing 200 sacks 50/50 Poz Cement.</u>
	<u>-0-</u>		<u>100</u>		<u>Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.</u>
<u>11:00</u>				<u>6.5</u>	<u>Start 28 Claymax Displacement.</u>
				<u>5</u>	<u>Start to lift cement.</u>
<u>11:18</u>	<u>900</u>		<u>117</u>		<u>Plug down.</u>
	<u>1,700</u>				<u>Pressure up.</u>
	<u>-0-</u>		<u>7-5</u>	<u>3</u>	<u>Release pressure. Insert Float Shoe Plug Rat (30 sts) and Mouse (20 sts) holes. Wash up pump truck.</u>
<u>11:55</u>					<u>Job Complete.</u>



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P.O.Box 401
Fairfield Il.62837

ATTN: Jon Christensen

32-27s-18w Kiowa KS

Todd#2-32

Start Date: 2010.04.20 @ 03:21:09

End Date: 2010.04.20 @ 12:26:39

Job Ticket #: 36172 DST #: 1

**KCC
JUN 2 9 2010
CONFIDENTIAL**

**RECEIVED
JUN 2 8 2010
KCC WICHITA**

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Strata Exploration Inc.

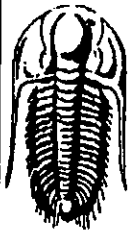
Todd#2-32

32-27s-18w Kiowa KS

DST # 1

Lans. A

2010.04.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL62837

32-27s-18w Kiowa KS

Job Ticket: 36172

DST#: 1

ATTN: Jon Christensen

Test Start: 2010.04.20 @ 03:21:09

GENERAL INFORMATION:

Formation: **Lans. A**

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

Time Tool Opened: 06:46:24

Time Test Ended: 12:26:39

Test Type: **Conventional Bottom Hole**

Tester: **Gary Fevotiaux**

Unit No: **39**

Interval: **4210.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Reference Elevations: **2220.00 ft (KB)**

Total Depth: **4230.00 ft (KB) (TVD)**

2209.00 ft (CF)

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

KB to GR/CF: **11.00 ft**

Serial #: **8167**

Inside

Press@RunDepth: **50.42 psig @ 4211.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.04.20**

End Date: **2010.04.20**

Last Calib.: **2010.04.20**

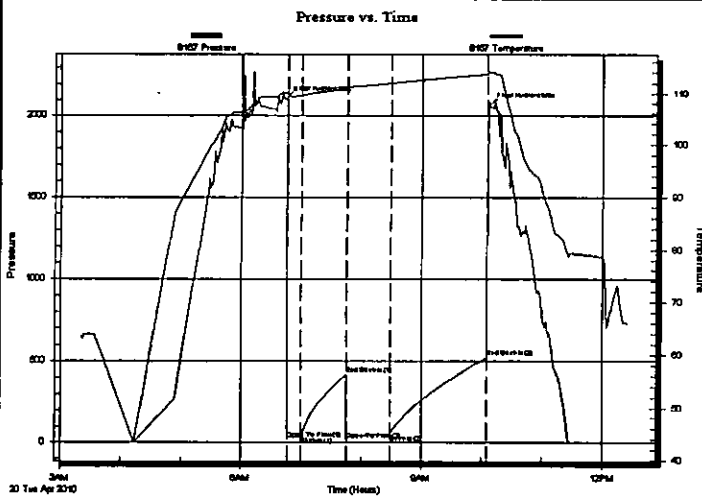
Start Time: **03:21:14**

End Time: **12:26:39**

Time On Btrr: **2010.04.20 @ 06:43:09**

Time Off Btrr: **2010.04.20 @ 10:07:39**

TEST COMMENT: IF:Strong blow . B.O.B. in 2 - 3 secs.
IS:No blow .
FF:Strong blow . B.O.B. in 2 - 3 secs.GTS in 16 mins.TSTM
FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.88	110.18	Initial Hydro-static
4	22.62	109.61	Open To Flow (1)
17	35.92	109.63	Shut-In(1)
62	413.83	110.97	End Shut-In(1)
63	16.85	110.96	Open To Flow (2)
106	50.42	111.93	Shut-In(2)
203	519.89	113.62	End Shut-In(2)
205	2066.57	113.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Heavy mud	0.32

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL 62837

32-27s-18w Kiowa KS

Job Ticket: 36172

DST#: 1

ATTN: Jon Christensen

Test Start: 2010.04.20 @ 03:21:09

Tool Information

Drill Pipe:	Length: 3993.00 ft	Diameter: 3.80 inches	Volume: 56.01 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 57.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 77000.00 lb
Depth to Top Packer:	4210.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4188.00	
Shut in tool	5.00			4193.00	
H/W	5.00			4198.00	
Safety Joint	3.00			4201.00	
Packer	4.00			4205.00	23.00 Bottom Of Top Packer
Packer	5.00			4210.00	
Stubb	1.00			4211.00	
Recorder	0.00	8167	Inside	4211.00	
Recorder	0.00	8370	Outside	4211.00	
Perforations	14.00			4225.00	
Bullnose	5.00			4230.00	20.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL62837

32-27s-18w Kiowa KS

Job Ticket: 36172

DST#: 1

ATTN: Jon Christensen

Test Start: 2010.04.20 @ 03:21:09

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:

6500 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Heavy mud	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

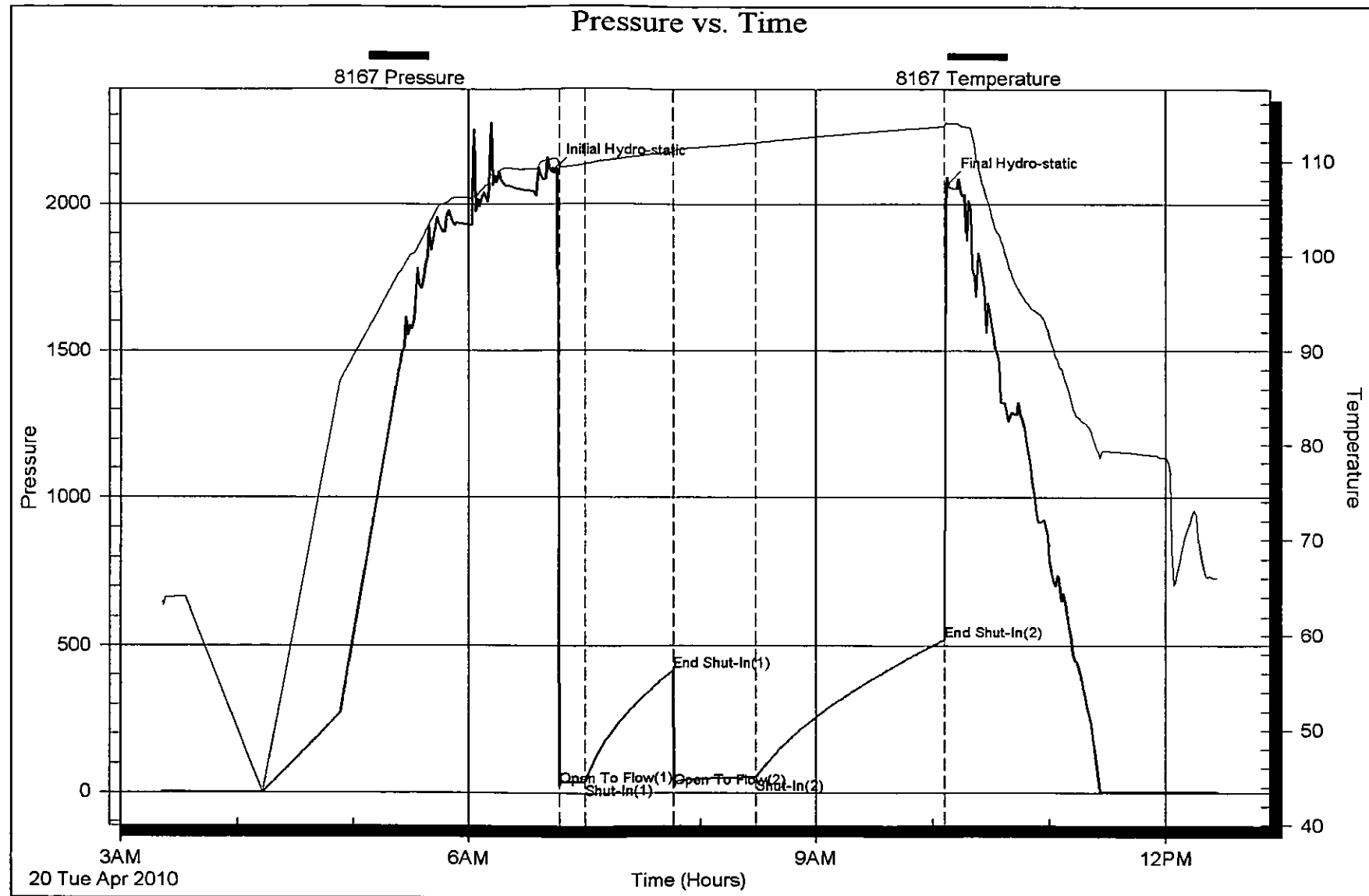
Num Gas Bombs: 0

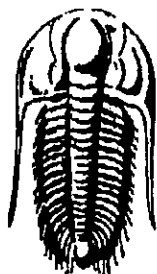
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P.O.Box 401
Fairfield Il.62837

ATTN: Jon Christensen

32-27s-18w Kiowa KS

Todd#2-32

Start Date: 2010.04.21 @ 15:52:52

End Date: 2010.04.22 @ 00:33:52

Job Ticket #: + DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2010.05.04 @ 11:09:34 Page 1

Strata Exploration Inc.

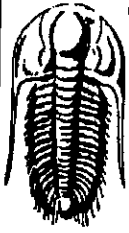
Todd#2-32

32-27s-18w Kiowa KS

DST # 2

K.C.Dennis

2010.04.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL62837

32-27s-18w Kiowa KS

Job Ticket: + DST#: 2

ATTN: Jon Christensen

Test Start: 2010.04.21 @ 15:52:52

GENERAL INFORMATION:

Formation: **K.C.Dennis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:40:37
 Time Test Ended: 00:33:52

Test Type: Conventional Bottom Hole
 Tester: Gary Fevoteaux
 Unit No: -

Interval: **4450.00 ft (KB) To 4480.00 ft (KB) (TVD)**
 Total Depth: 4480.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2220.00 ft (KB)
 2209.00 ft (CF)
 KB to GR/CF: 11.00 ft

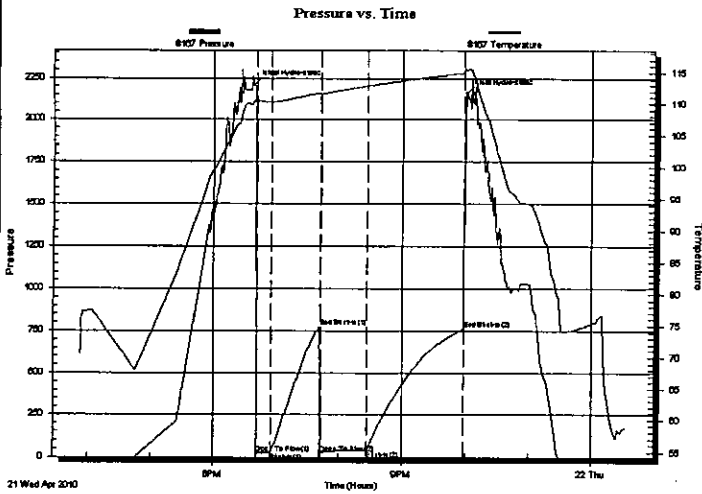
Serial #: 8167

Inside

Press@RunDepth: 39.32 psig @ 4451.00 ft (KB)
 Start Date: 2010.04.21 End Date: 2010.04.22
 Start Time: 15:52:57 End Time: 00:33:52

Capacity: 8000.00 psig
 Last Calib.: 2010.04.22
 Time On Btm: 2010.04.21 @ 18:38:07
 Time Off Btm: 2010.04.21 @ 22:00:52

TEST COMMENT: IF:Weak to fair blow . Increase to 12".
 IS:No blow .
 FF:Strong blow . B.O.B. in 4 secs.
 FSI:No blow .



PRESSURE SUMMARY

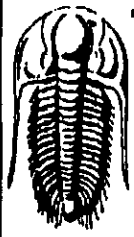
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.55	110.58	Initial Hydro-static
3	21.08	110.22	Open To Flow (1)
17	27.43	110.24	Shut-In(1)
64	774.52	111.77	End Shut-In(1)
64	23.41	111.53	Open To Flow (2)
109	39.32	112.92	Shut-In(2)
201	760.47	114.94	End Shut-In(2)
203	2158.93	115.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GOOM 25%g 7%o 68%rn	0.30
0.00	528 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield I.62837

32-27s-18w Kiowa KS

Job Ticket: +

DST#: 2

ATTN: Jon Christensen

Test Start: 2010.04.21 @ 15:52:52

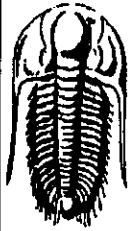
Tool Information

Drill Pipe:	Length: 4217.00 ft	Diameter: 3.80 inches	Volume: 59.15 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 97000.00 lb
			<u>Total Volume: 60.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 81000.00 lb
Depth to Top Packer:	4450.00 ft			Final 81000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4428.00	
Shut in tool	5.00			4433.00	
HMV	5.00			4438.00	
Safety Joint	3.00			4441.00	
Packer	4.00			4445.00	23.00 Bottom Of Top Packer
Packer	5.00			4450.00	
Stubb	1.00			4451.00	
Recorder	0.00	8167	Inside	4451.00	
Recorder	0.00	8370	Outside	4451.00	
Perforations	24.00			4475.00	
Bullnose	5.00			4480.00	30.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL 62837

32-27s-18w Kiowa KS

Job Ticket: +

DST#: 2

ATTN: Jon Christensen

Test Start: 2010.04.21 @ 15:52:52

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:

5500 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GOCM 25%g 7%o 68%m	0.305
0.00	528 ft. of GIP	0.000

Total Length: 62.00 ft

Total Volume: 0.305 bbl

Num Fluid Samples: 0

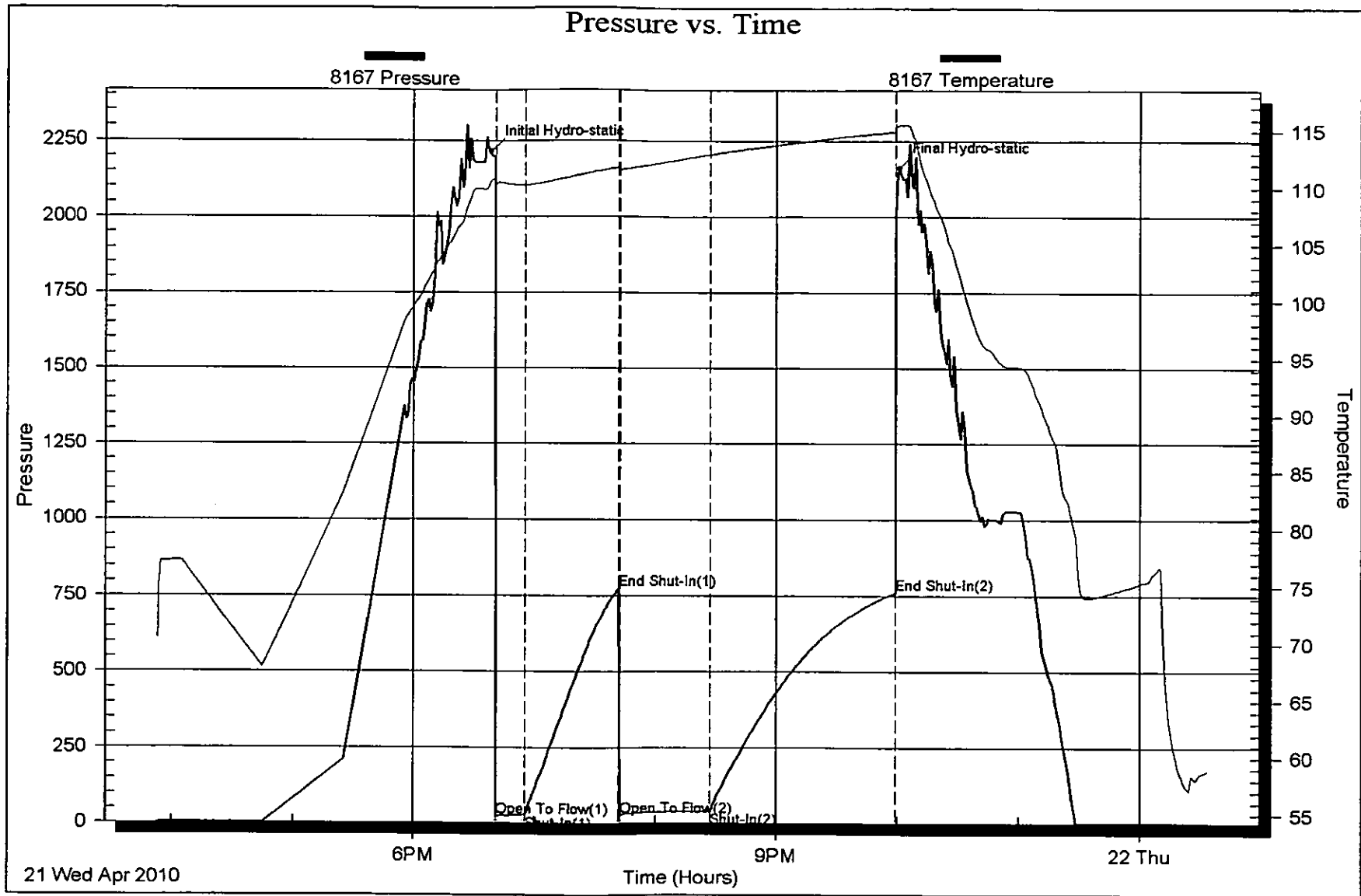
Num Gas Bombs: 0

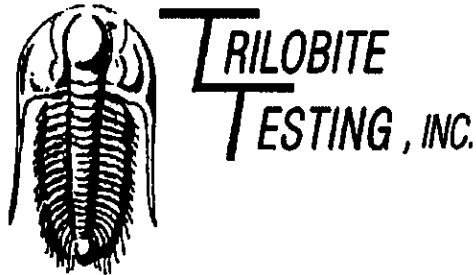
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P.O.Box 401.
Fairfield Il.62837

ATTN: Jon Christensen

32-27s-18w Kiowa KS

Todd#2-32

Start Date: 2010.04.23 @ 06:49:08

End Date: 2010.04.23 @ 15:41:38

Job Ticket #: 36174 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Strata Exploration Inc.

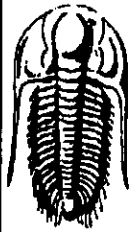
Todd#2-32

32-27s-18w Kiowa KS

DST # 3

Miss.Chert

2010.04.23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc.

P.O.Box 401
Fairfield IL 62837

ATTN: Jon Christensen

Todd#2-32

32-27s-18w Kiowa KS

Job Ticket: 36174

DST#: 3

Test Start: 2010.04.23 @ 06:49:08

GENERAL INFORMATION:

Formation: **Miss.Chert**

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

Time Tool Opened: 09:03:23

Time Test Ended: 15:41:38

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **4752.00 ft (KB) To 4807.00 ft (KB) (TVD)**

Total Depth: **4807.00 ft (KB) (TVD)**

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

Reference Elevations: **2220.00 ft (KB)**

2209.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8167

Inside

Press@RunDepth: **80.48 psig @ 4753.00 ft (KB)**

Start Date: **2010.04.23**

End Date:

2010.04.23

Start Time: **06:49:13**

End Time:

15:41:38

Capacity: **8000.00 psig**

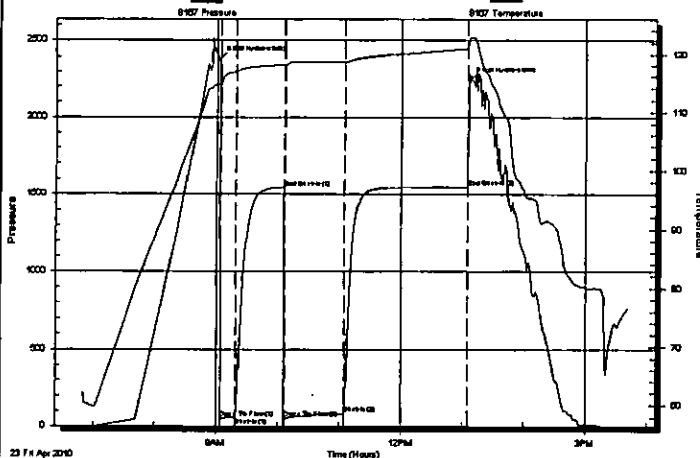
Last Calib.: **2010.04.23**

Time On Btm: **2010.04.23 @ 09:01:23**

Time Off Btm: **2010.04.23 @ 13:07:08**

TEST COMMENT: IF: Strong blow. B.O.B. in 1 min. GTS in 15 mins.
IS: No blow.
FF: Strong blow. (see gas flow report)
FS: No blow.

Pressure vs. Time



PRESSURE SUMMARY

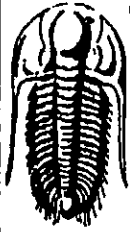
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2377.97	114.77	Initial Hydro-static
2	46.18	114.54	Open To Flow (1)
18	53.61	117.05	Shut-In(1)
64	1540.77	118.20	End Shut-In(1)
65	46.81	117.91	Open To Flow (2)
124	80.48	118.59	Shut-In(2)
244	1544.40	121.07	End Shut-In(2)
246	2234.43	122.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GCM 11%g 89%m	0.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	15.00	46.64
Last Gas Rate	0.25	38.00	83.13
Max. Gas Rate	0.25	38.00	83.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL62837

32-27s-18w Kiowa KS

Job Ticket: 36174

DST#: 3

ATTN: Jon Christensen

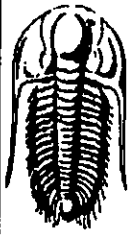
Test Start: 2010.04.23 @ 06:49:08

Tool Information

Drill Pipe:	Length: 4535.00 ft	Diameter: 3.80 inches	Volume: 63.61 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 102000.0 lb
			<u>Total Volume: 64.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	4752.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4730.00	
Shut in tool	5.00			4735.00	
HMV	5.00			4740.00	
Safety Joint	3.00			4743.00	
Packer	4.00			4747.00	23.00 Bottom Of Top Packer
Packer	5.00			4752.00	
Stubb	1.00			4753.00	
Recorder	0.00	8167	Inside	4753.00	
Recorder	0.00	8370	Outside	4753.00	
Perforations	10.00			4763.00	
C.O. Sub	1.00			4764.00	
Blank Spacing	32.00			4796.00	
C.O. Sub	1.00			4797.00	
Perforations	5.00			4802.00	
Bullnose	5.00			4807.00	55.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL 62837

32-27s-18w Klowa KS

Job Ticket: 36174

DST#: 3

ATTN: Jon Christensen

Test Start: 2010.04.23 @ 06:49:08

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:

10800 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
65.00	GCM 11%g 89%m	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

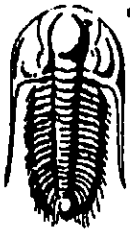
Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name: caraway

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL62837

32-27s-18w Klowa KS

Job Ticket: 36174

DST#: 3

ATTN: Jon Christensen

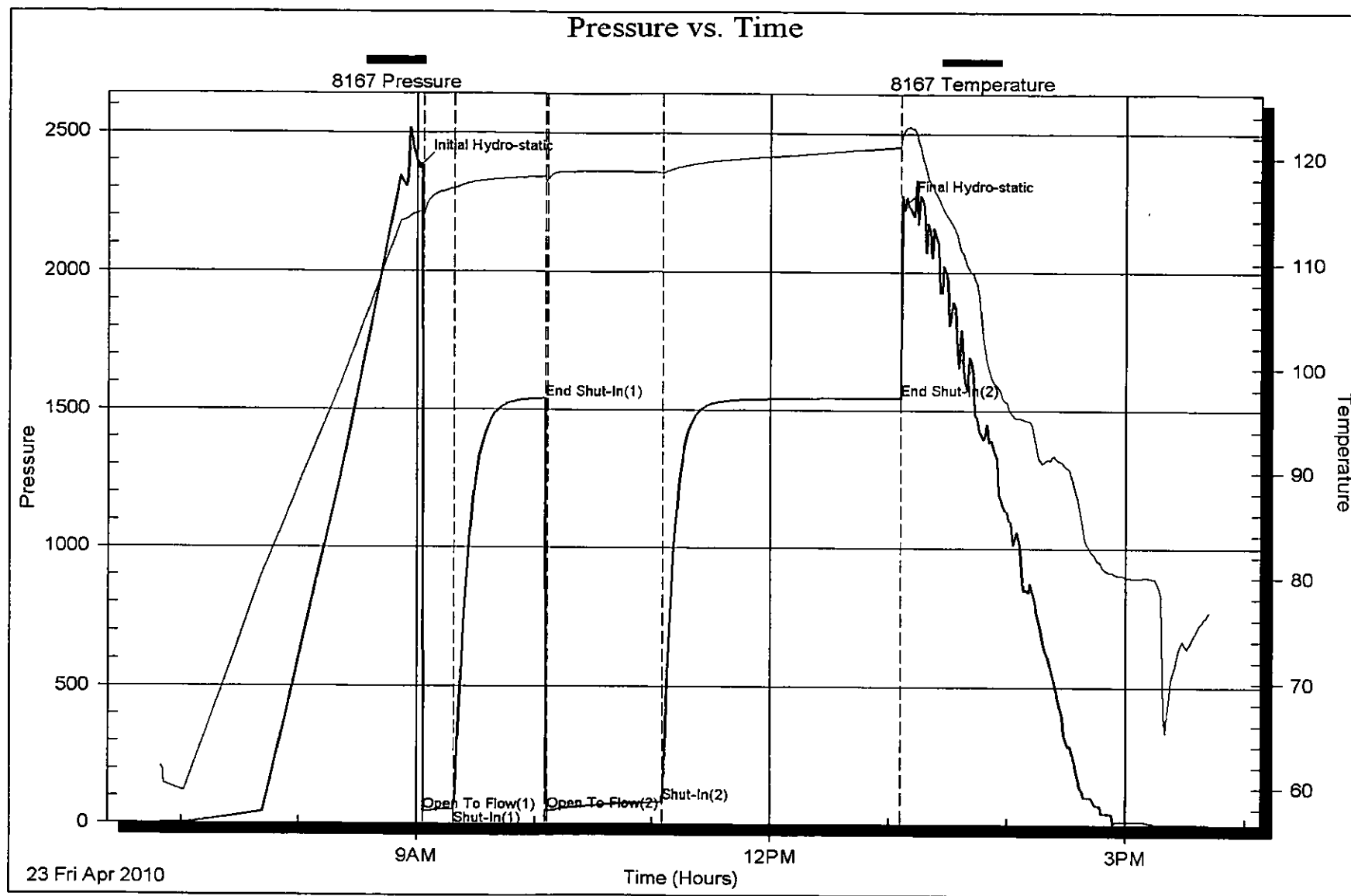
Test Start: 2010.04.23 @ 06:49:08

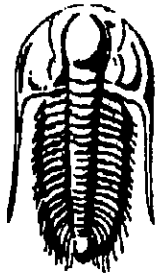
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	15.00	46.64
2	20	0.25	19.00	52.99
2	30	0.25	25.00	62.50
2	40	0.25	28.00	67.26
2	50	0.25	33.00	75.20
2	60	0.25	38.00	83.13





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc.**

P.O.Box 401
Fairfield Il.62837

ATTN: Jon Christensen

32-27s-18w Kiowa KS

Todd#2-32

Start Date: 2010.04.24 @ 20:01:00

End Date: 2010.04.25 @ 04:36:30

Job Ticket #: 36267 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Strata Exploration Inc.

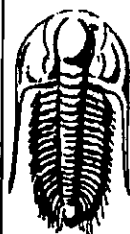
Todd#2-32

32-27s-18w Kiowa KS

DST # 4

KINDERHOOK

2010.04.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL 62837

32-27s-18w Kiowa KS

Job Ticket: 36267

DST#: 4

ATTN: Jon Christensen

Test Start: 2010.04.24 @ 20:01:00

GENERAL INFORMATION:

Formation: **KINDERHOOK**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 23:08:00

Time Test Ended: 04:36:30

Test Type: Conventional Straddle

Tester: Jake Fahrenbruch

Unit No: 43

Interval: 4838.00 ft (KB) To 4854.00 ft (KB) (TVD)

Total Depth: 4947.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2220.00 ft (KB)

2209.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8655

Outside

Press@RunDepth: 53.37 psig @ 4839.00 ft (KB)

Start Date: 2010.04.24

End Date:

2010.04.25

Start Time: 20:01:05

End Time:

04:36:30

Capacity: 8000.00 psig

Last Calb.: 2010.04.25

Time On Btm: 2010.04.24 @ 23:06:40

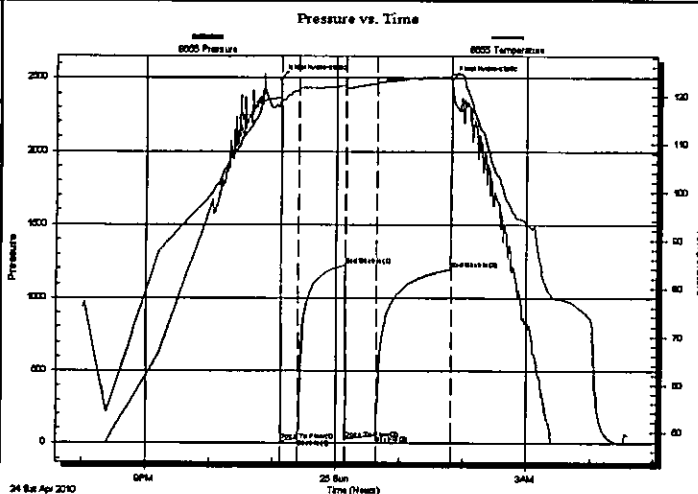
Time Off Btm: 2010.04.25 @ 01:48:50

TEST COMMENT: IF: Weak blow, built to 1" in bucket.

IS: No blow back.

FF: Weak blow, built to 1.5" in bucket.

FSI: No blow back.



PRESSURE SUMMARY

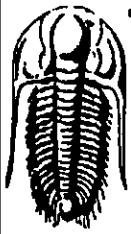
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2494.28	119.62	Initial Hydro-static
2	14.67	118.63	Open To Flow (1)
18	28.63	121.37	Shut-In(1)
63	1223.49	122.14	End Shut-In(1)
63	30.39	121.77	Open To Flow (2)
92	53.37	122.64	Shut-In(2)
162	1193.75	123.94	End Shut-In(2)
163	2486.86	124.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	WCM 15%w 85%r	0.34
0.00	19000 ppm chlorides	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL62837

32-27s-18w Kiowa KS

Job Ticket: 36267 DST#: 4

ATTN: Jon Christensen

Test Start: 2010.04.24 @ 20:01:00

GENERAL INFORMATION:

Formation: **KINDERHOOK**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:08:00

Time Test Ended: 04:36:30

Test Type: Conventional Straddle

Tester: Jake Fahrenbruch

Unit No: 43

Interval: 4838.00 ft (KB) To 4854.00 ft (KB) (TVD)

Total Depth: 4947.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2220.00 ft (KB)

2209.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6799 Below (Straddle)

Press@RunDepth: psig @ 4881.00 ft (KB)

Start Date: 2010.04.24

Start Time: 19:45:05

End Date:

End Time:

2010.04.25

04:37:00

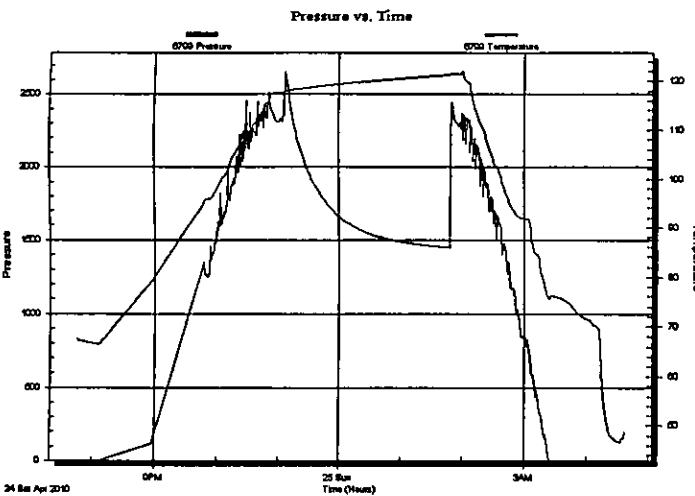
Capacity: 8000.00 psig

Last Calib.: 2010.04.25

Time On Btm

Time Off Btm

TEST COMMENT: IF: Weak blow , built to 1" in bucket.
IS: No blow back.
FF: Weak blow , built to 1.5" in bucket.
FS: No blow back.



PRESSURE SUMMARY

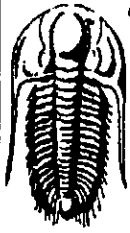
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
70.00	WCM 15%w 85%m	0.34
0.00	19000 ppm chlorides	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL62837

32-27s-18w Kiowa KS

Job Ticket: 36267

DST#: 4

ATTN: Jon Christensen

Test Start: 2010.04.24 @ 20:01:00

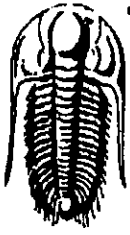
Tool Information

Drill Pipe:	Length: 4629.00 ft	Diameter: 3.80 inches	Volume: 64.93 bbl	Tool Weight: 3500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 66.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	4838.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	4854.00 ft			
Interval between Packers:	16.00 ft			
Tool Length:	137.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4820.00	
Hydraulic tool	5.00			4825.00	
Safety Joint	3.00			4828.00	
Packer	5.00			4833.00	23.00 Bottom Of Top Packer
Packer	5.00			4838.00	
Stubb	1.00			4839.00	
Recorder	0.00	8648	Inside	4839.00	
Recorder	0.00	8655	Outside	4839.00	
Perforations	12.00			4851.00	
Blank Off Sub	3.00			4854.00	16.00 Tool Interval
Packer	3.00			4857.00	
Perforations	24.00			4881.00	
Recorder	0.00	6799	Below	4881.00	
Blank Spacing	66.00			4947.00	
Bullnose	5.00			4952.00	98.00 Bottom Packers & Anchor

Total Tool Length: 137.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Strata Exploration Inc.

Todd#2-32

P.O.Box 401
Fairfield IL62837

32-27s-18w Kiowa KS

Job Ticket: 36267

DST#: 4

ATTN: Jon Christensen

Test Start: 2010.04.24 @ 20:01:00

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:

19000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	WCM 15%w 85%w	0.344
0.00	19000 ppm chlorides	0.000

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .50 @ 50F = 19000 ppm chlorides

