



KANSAS CORPORATION COMMISSION 1094492  
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 # 9090  
Name: Charter Energy, Inc.  
Address 1: PO BOX 252  
Address 2: \_\_\_\_\_  
City: GREAT BEND State: KS Zip: 67530 + 0252  
Contact Person: Steve Baize  
Phone: (620) 793-9090  
CONTRACTOR: License # 33905  
Name: Royal Drilling Inc  
Wellsite Geologist: Jim Musgrove  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
05/22/2012    05/29/2012    06/06/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-145-21671-00-00  
Spot Description: \_\_\_\_\_  
NE SW SW SW Sec. 23 Twp. 20 S. R. 16  East  West  
400 Feet from  North /  South Line of Section  
355 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Pawnee  
Lease Name: Dirks Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: Arbuckle  
Elevation: Ground: 2024 Kelly Bushing: 2031  
Total Depth: 3898 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 1037 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: 31900 ppm Fluid volume: 850 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 Garcia Date: 09/25/2012



1094492

Operator Name: Charter Energy, Inc. Lease Name: Dirks Well #: 1  
 Sec. 23 Twp. 20 S. R. 16  East  West County: Pawnee

**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:  Dual Induction, Density Neutron, Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input 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>Anhydrite</td> <td>1037</td> <td>+994</td> </tr> <tr> <td>Heebner</td> <td>3368</td> <td>-1337</td> </tr> <tr> <td>Douglas</td> <td>3397</td> <td>-1366</td> </tr> <tr> <td>Iansing</td> <td>3460</td> <td>-1429</td> </tr> <tr> <td>Conglomerate</td> <td>3693</td> <td>-1662</td> </tr> <tr> <td>Arbuckle</td> <td>3754</td> <td>1723</td> </tr> </table>	Name	Top	Datum	Anhydrite	1037	+994	Heebner	3368	-1337	Douglas	3397	-1366	Iansing	3460	-1429	Conglomerate	3693	-1662	Arbuckle	3754	1723
Name	Top	Datum																				
Anhydrite	1037	+994																				
Heebner	3368	-1337																				
Douglas	3397	-1366																				
Iansing	3460	-1429																				
Conglomerate	3693	-1662																				
Arbuckle	3754	1723																				

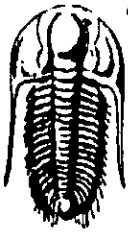
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1037	common	425	2%gel 3%cc
Production	7.875	5.5	14	3876	EA-2	175	n/a

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD	-			
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3754 - 58	250 gal 15% INS acid	3754 - 58

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed 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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Charter Energy, Inc.

PO Box 252  
GreatBend KS 67530

ATTN: Jim Musgrove

**Dirks #1**

Job Ticket: 47115

**DST#: 1**

Test Start: 2012.05.27 @ 20:45:30

## GENERAL INFORMATION:

Formation: **Arb.**

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

Time Tool Opened: 22:47:00

Time Test Ended: 04:16:30

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Brett Dickinson**

Unit No: **59**

Interval: **3680.00 ft (KB) To 3766.00 ft (KB) (TVD)**

Reference Elevations: **2031.00 ft (KB)**

Total Depth: **3766.00 ft (KB) (TVD)**

**2024.00 ft (CF)**

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

KB to GR/CF: **7.00 ft**

**Serial #: 8369** **Inside**

Press@RunDepth: **481.67 psig @ 3681.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.05.27**

End Date: **2012.05.28**

Last Calib.: **2012.05.28**

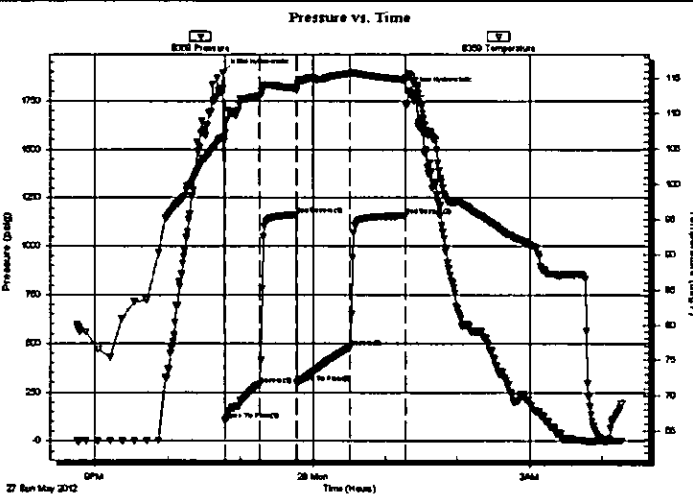
Start Time: **20:45:35**

End Time: **04:16:29**

Time On Btm: **2012.05.27 @ 22:46:00**

Time Off Btm: **2012.05.28 @ 01:19:00**

**TEST COMMENT:** F-BOB in 1min  
IS-1in blow died in 25min  
FF-BOB in 2min GTS in 20min  
FSI-BOB in 13min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1897.31	106.56	Initial Hydro-static
1	106.55	106.06	Open To Flow (1)
30	289.50	112.46	Shut-In(1)
60	1163.33	113.58	End Shut-In(1)
61	296.42	113.26	Open To Flow (2)
105	481.67	115.70	Shut-In(2)
151	1158.63	114.79	End Shut-In(2)
153	1804.76	115.50	Final Hydro-static

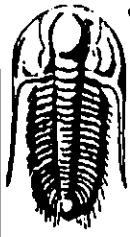
## Recovery

Length (ft)	Description	Volume (bbl)
310.00	Water	4.35
185.00	GSWCO 45%G 10%W 45%O	2.60
265.00	GMCO 25%G 30%M 45%O	3.72
380.00	GVSOCM 20%G 5%O 75%M	5.33
80.00	VSOCM5%O 95%M	1.12

## Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Charter Energy, Inc.

PO Box 252  
GreatBend KS 67530

ATTN: Jim Musgrove

**Dirks #1**

Job Ticket: 47115

**DST#: 1**

Test Start: 2012.05.27 @ 20:45:30

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 64.00 sec/qt

Water Loss: 9.19 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 6600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 55000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	Water	4.348
185.00	GSWCO 45%G 10%W 45%O	2.595
265.00	GMCO 25%G 30%M 45%O	3.717
380.00	GVSOCM 20%G 5%O 75%M	5.330
80.00	VSOCM5%O 95%M	1.122

Total Length: 1220.00 ft      Total Volume: 17.112 bbl

Num Fluid Samples: 0

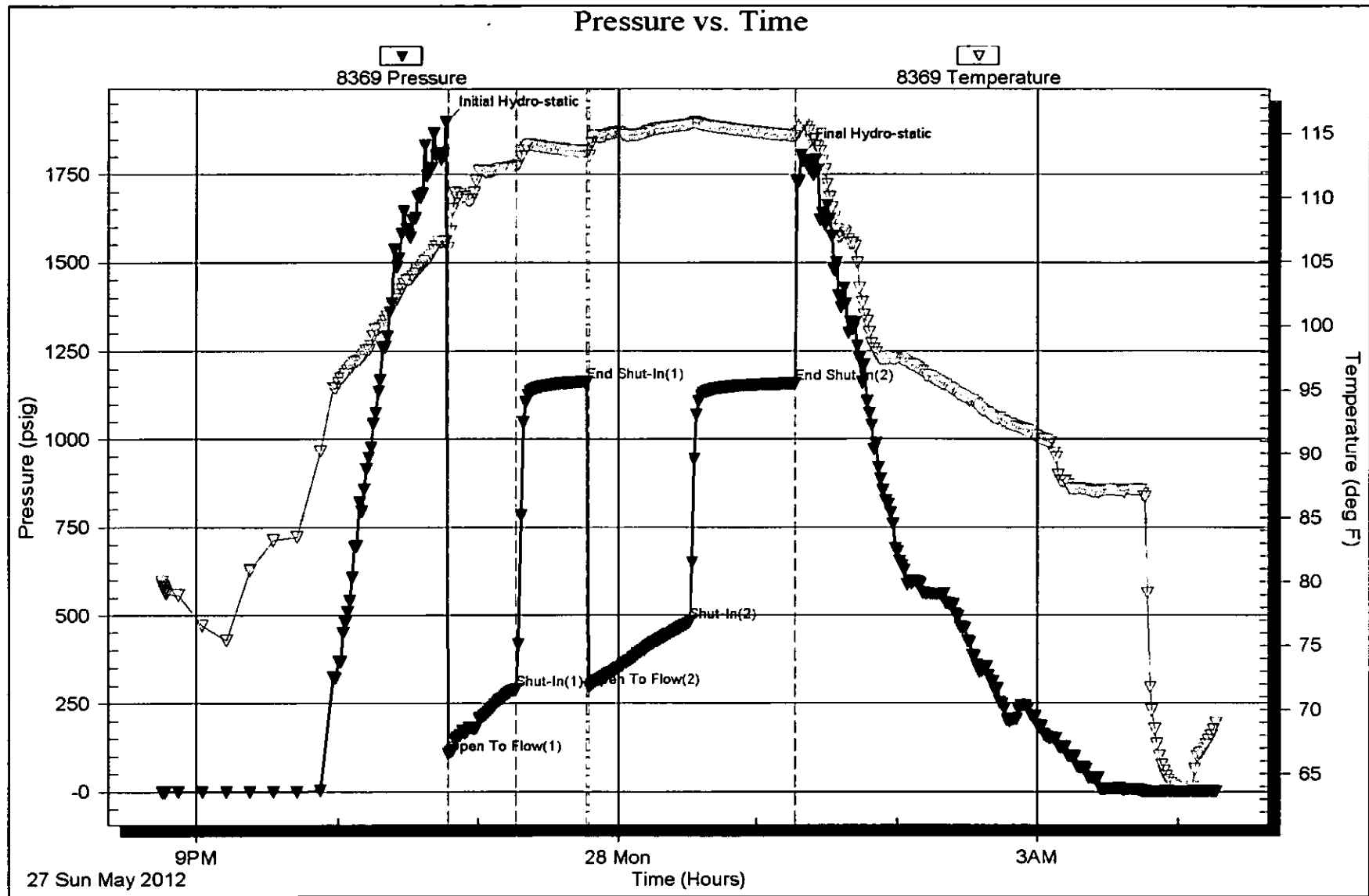
Num Gas Bombs: 0

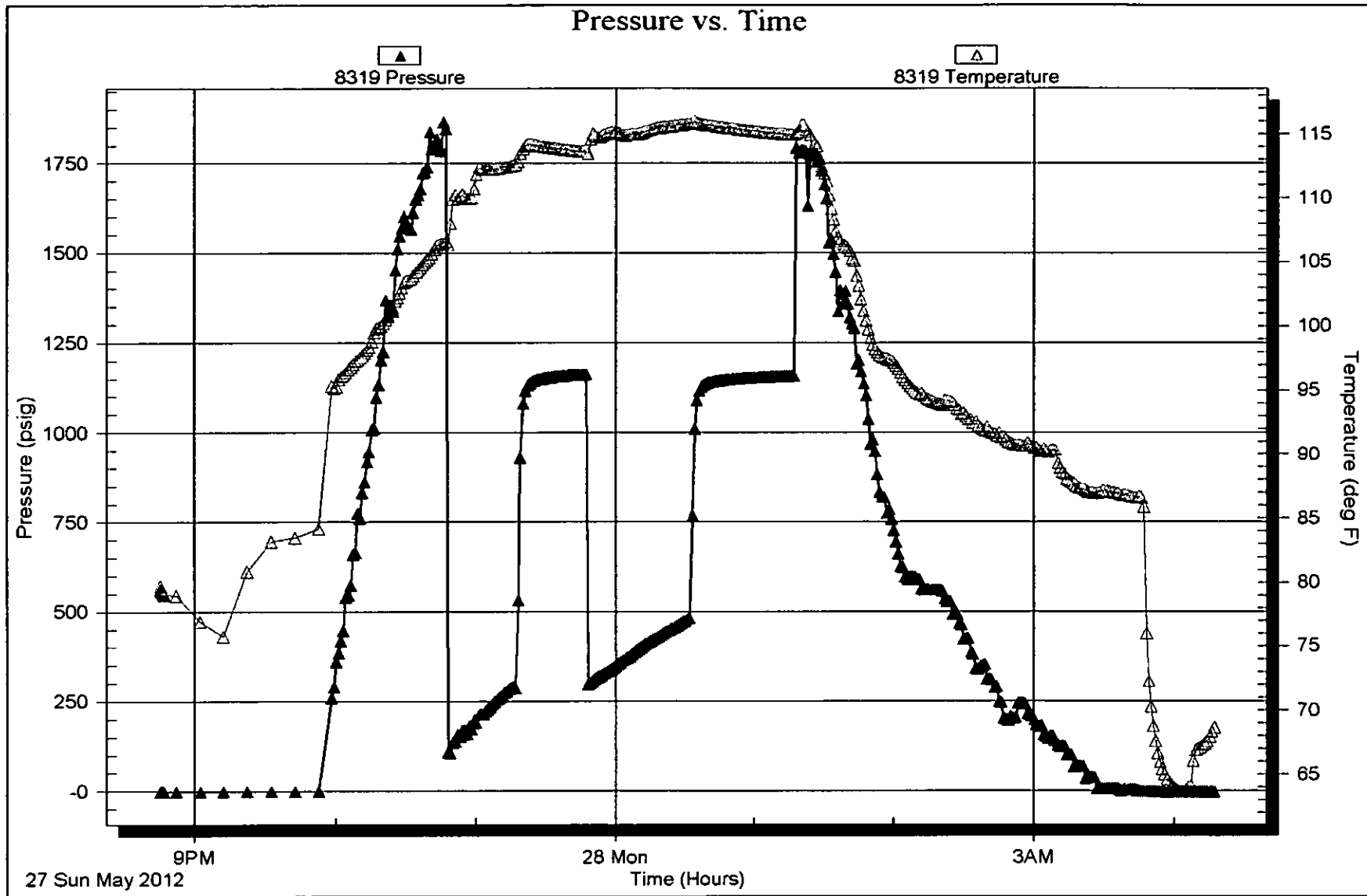
Serial #:

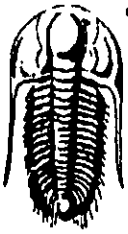
Laboratory Name:

Laboratory Location:

Recovery Comments: RW.15@65







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Charter Energy, Inc.

23-20-16, Pawnee, KS

PO Box 252  
Great Bend KS 67530

Dirks #1

Job Ticket: 47116

DST#: 2

ATTN: Jim Musgrove

Test Start: 2012.05.28 @ 09:30:32

## GENERAL INFORMATION:

Formation: Arb.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:13:02

Time Test Ended: 15:59:32

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3869.00 ft (KB) To 3681.00 ft (KB) (TVD)

Total Depth: 3781.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2031.00 ft (KB)

2024.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8369

Inside

Press@RunDepth: 675.92 psig @ 3770.00 ft (KB)

Start Date: 2012.05.28

End Date:

2012.05.28

Capacity: 8000.00 psig

Last Calib.: 2012.05.28

Start Time: 09:30:37

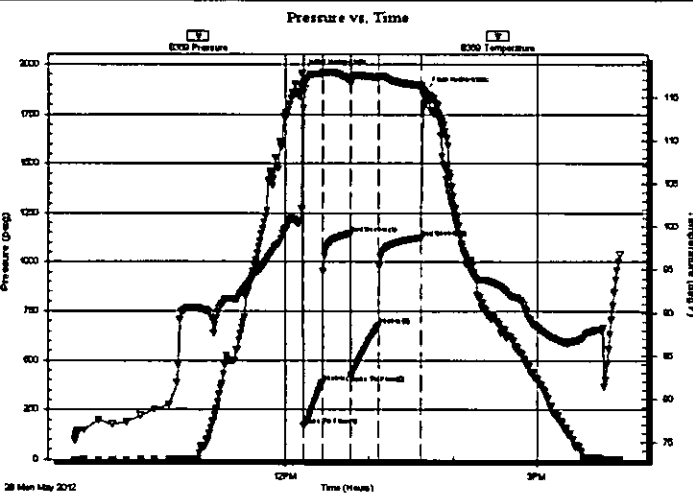
End Time:

15:59:31

Time On Btm: 2012.05.28 @ 12:12:02

Time Off Btm: 2012.05.28 @ 13:39:32

TEST COMMENT: IF-BOB in 1/2min  
IS-BOB in 5min  
FF-BOB in 1min  
FS-BOB in 21min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1958.29	102.14	Initial Hydro-static
1	169.79	113.71	Open To Flow (1)
15	388.52	117.59	Shut-In(1)
35	1144.55	117.03	End Shut-In(1)
35	425.49	116.56	Open To Flow (2)
55	675.92	117.22	Shut-In(2)
85	1124.51	116.30	End Shut-In(2)
88	1869.89	114.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1245.00	Water	17.46
125.00	GSOWCM 15%G 5%O 30%W 50%M	1.75
105.00	GVSOWCM 10%G 10%O 5%W 75%M	1.47

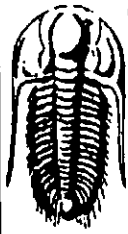
\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Charter Energy, Inc.

**23-20-16, Pawnee, KS**

PO Box 252  
GreatBend KS 67530

**Dirks #1**

Job Ticket: 47116

**DST#: 2**

ATTN: Jim Musgrove

Test Start: 2012.05.28 @ 09:30:32

**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:

50000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6600.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1245.00	Water	17.464
125.00	G5OWCM 15%G 5%O 30%W 50%M	1.753
105.00	GVSWOCM 10%G 10%O 5%W 75%M	1.473

Total Length: 1475.00 ft      Total Volume: 20.690 bbl

Num Fluid Samples: 0

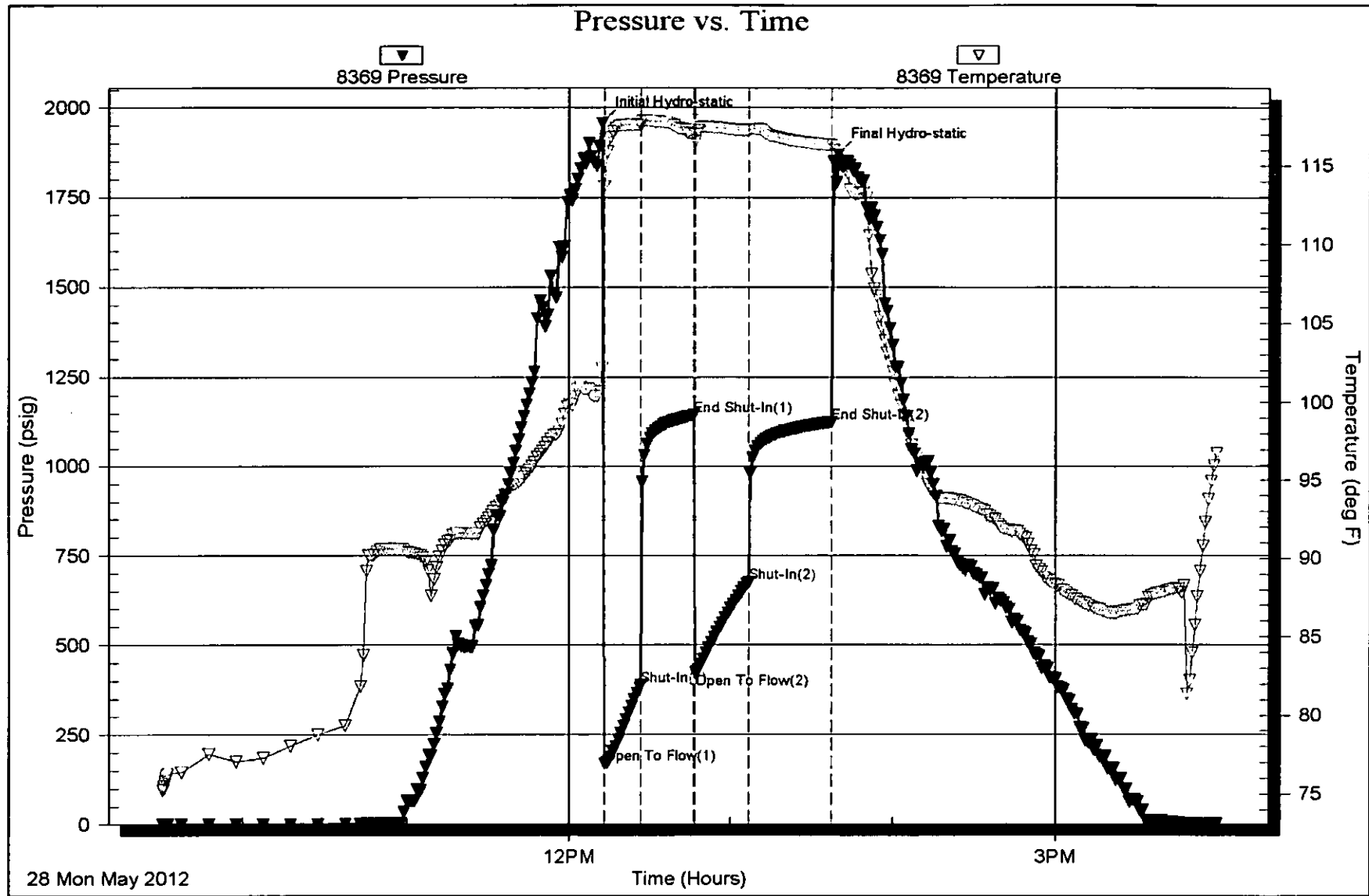
Num Gas Bombs: 0

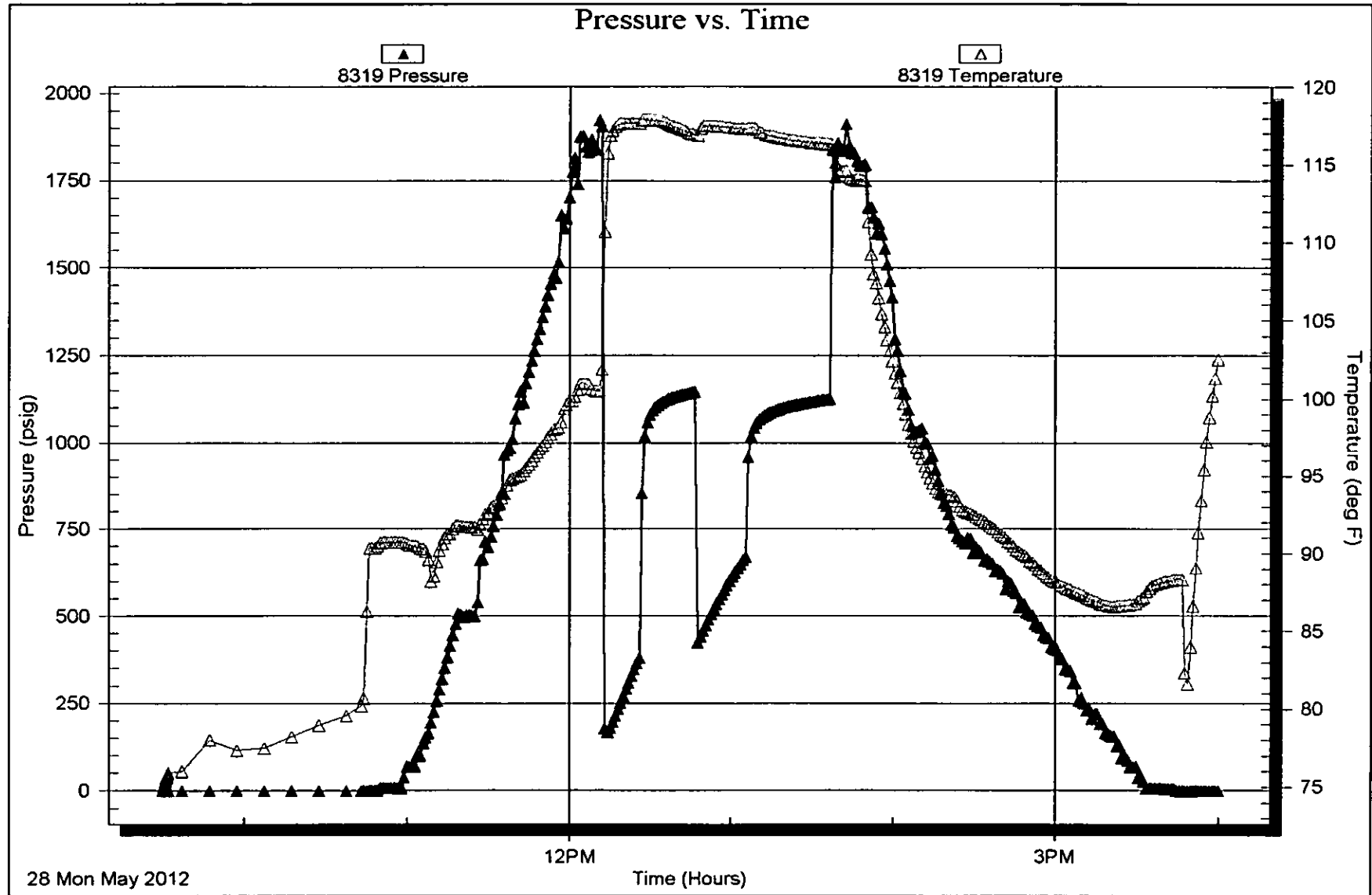
Serial #:

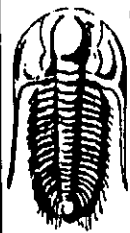
Laboratory Name:

Laboratory Location:

Recovery Comments: RW.12@90







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Charter Energy, Inc.

23-20-16, Pawnee, KS

PO Box 252  
GreatBend KS 67530

Dirks #1

Job Ticket: 47117

DST#: 3

ATTN: Jim Musgrove

Test Start: 2012.05.28 @ 21:50:33

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:18:33

Time Test Ended: 04:31:03

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3789.00 ft (KB) To 3801.00 ft (KB) (TVD)

Total Depth: 3801.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2031.00 ft (KB)

2024.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8369

Inside

Press@RunDepth: 819.15 psig @ 3790.00 ft (KB)

Start Date: 2012.05.28

End Date:

2012.05.29

Capacity: 8000.00 psig

Last Calib.: 2012.05.29

Start Time: 21:50:38

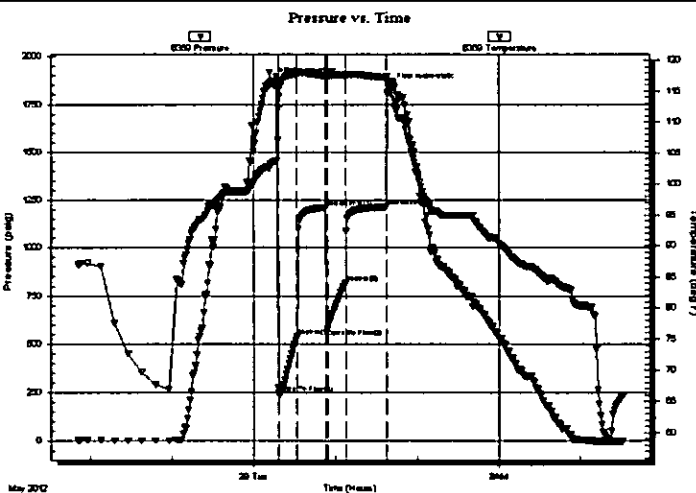
End Time:

04:31:02

Time On Btm: 2012.05.29 @ 00:13:03

Time Off Btm: 2012.05.29 @ 01:40:33

TEST COMMENT: IF-BOB Immediately  
IS-BOB in 14min  
FF-BOB Immediately GTS in 5 min  
FS-BOB in 5min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1869.85	103.29	Initial Hydro-static
6	245.80	112.37	Open To Flow (1)
19	540.04	117.74	Shut-In(1)
40	1211.99	117.52	End Shut-In(1)
41	580.75	116.98	Open To Flow (2)
55	819.15	117.57	Shut-In(2)
85	1215.29	117.23	End Shut-In(2)
88	1844.42	115.24	Final Hydro-static

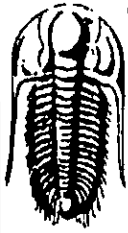
## Recovery

Length (ft)	Description	Volume (bbl)
1490.00	Water	20.90
125.00	GSOCW 20%G 10%O 70%W	1.75
125.00	GWCO 30%G 40%O 30%W	1.75
80.00	GSWOCM 20%G 30%O 10%W 40%M	1.12

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Charter Energy, Inc.

**23-20-16, Pawnee, KS**

PO Box 252  
GreatBend KS 67530

**Dirks #1**

Job Ticket: 47117

**DST#: 3**

ATTN: Jim Musgrove

Test Start: 2012.05.28 @ 21:50:33

**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:

70000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6600.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1490.00	Water	20.901
125.00	GSOCW 20%G 10%O 70%W	1.753
125.00	GWCO 30%G 40%O 30%W	1.753
80.00	GSWOCM 20%G 30%O 10%W 40%M	1.122

Total Length: 1820.00 ft      Total Volume: 25.529 bbl

Num Fluid Samples: 0

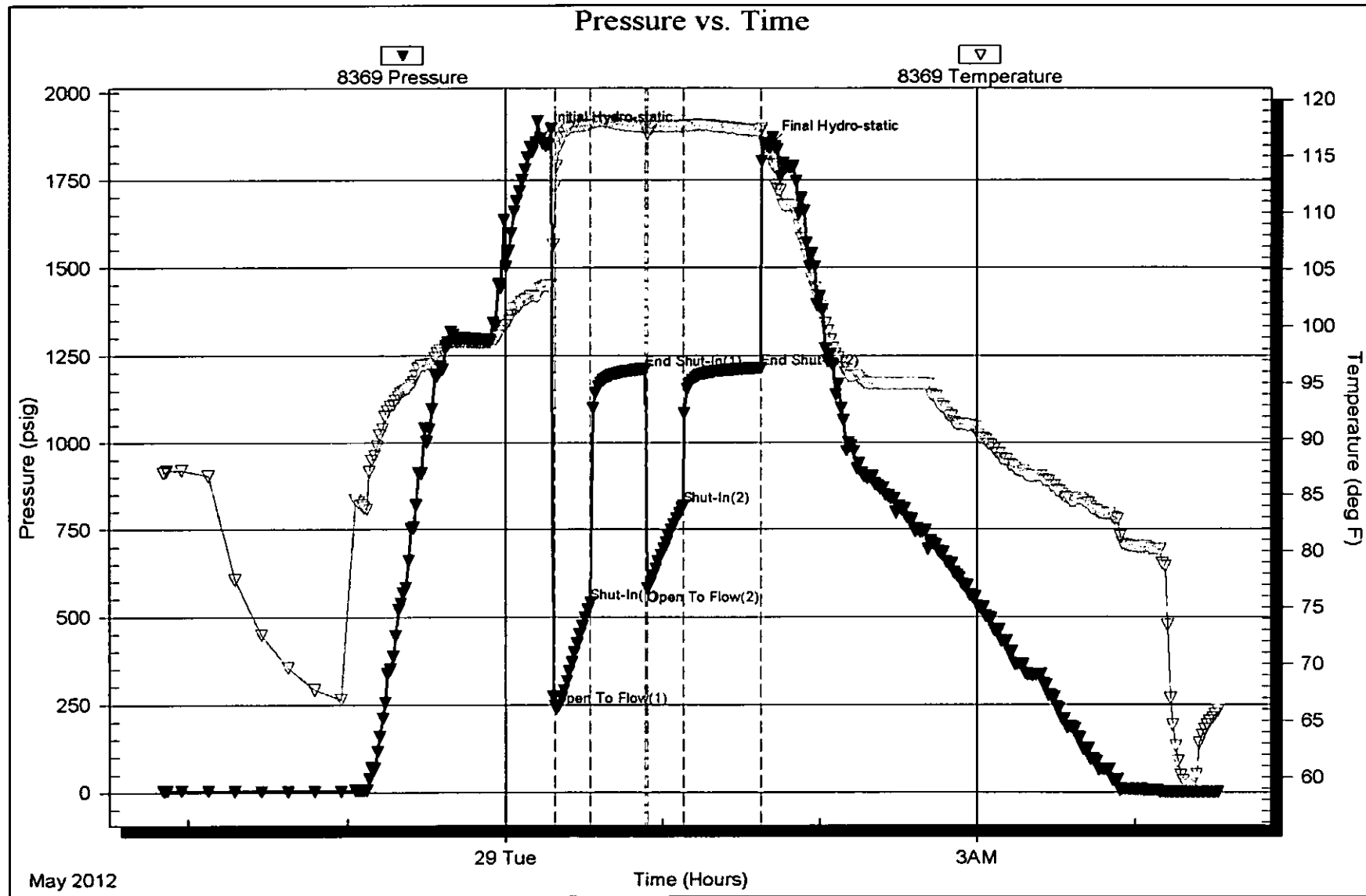
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.16@55



# QUALITY OILWELL CEMENTING, INC.

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

Home Office P.O. Box 32 Russell, KS 67865

No. 429

Date	5-23-12	Sec.	23	Twp.	20	Range	16	County	Pawnee	State	Ks	On Location	Finish
Lease	Dicks	Well No.	1		Location	Great Bend, Ks - W on 10th Street to C.L. of 390' Rd, 65 to Rd V, 1W, N.E.							
Contractor	Royal Rig #1		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Type Job	Surface		Charge To: Charter Energy										
Hole Size	12 1/4"		T.D.	1038'		Street							
Csg.	8 5/8"		Depth	1037'		City							
Tbg. Size			Depth			State							
Top			Depth			The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	43.17'		Shoe Joint	43.17'		Cement Amount Ordered 425 x Common 3% CC 2% B							
Meas Line			Displace	63 1/4 BLS									
<b>EQUIPMENT</b>													
Pumptrk	No.	Cementer	Matt		Common								
Bulktrk	No.	Driver	Lennie		Poz. Mix								
Bulktrk	No.	Driver	Rick		Gel.								
<b>JOB SERVICES &amp; REMARKS</b>													
Remarks	Cement did Circulate.												
Rat Hole	Salt												
Mouse Hole	Flowseal												
Centralizers	Kol-Seal												
Baskets	Mud CLR 48												
DN or Port Collar	CFL-117 or CD110 CAF 38												
	Sand												
	Handling												
	Mileage												
<b>FLOAT EQUIPMENT</b>													
	Guide Shoe												
	Centralizer												
	Baskets												
	AFU Inserts												
	Float Shoe												
	Latch Down												
	1 - Baffle plate												
	1 - Rubber plug												
	Pumptrk Charge												
	Mileage												
	Tax												
	Discount												
	Total Charge												

x *Doug King*





CHARGE TO <b>CHARTER EXERCISE</b>
ADDRESS
CITY, STATE, Z.P. CODE

TICKET  
No 21378

PAGE 1 OF 2

SERVICE LOCATIONS 1. <b>NAKS</b>	WELL/PROJECT NO 1	LEASE <b>DIRKS</b>	COUNTY/PARISH <b>PAWNEE</b>	STATE <b>KS</b>	CITY	DATE <b>05-29-12</b>	OWNER
2. <b>NESS</b>	TICKET TYPE <b>8 SERVICE SALES</b>	CONTRACTOR	RIG NAME/NO <b>ROYAL DRILL 1</b>	SHIPPED VIA <b>CT</b>	DELIVERED TO <b>PAWNEE ROCK</b>	ORDER NO	
3.	WELL TYPE <b>OIL</b>	WELL CATEGORY <b>DEVELOP</b>	JOB PURPOSE <b>CONSTRUCTION</b>	WELL PERMIT NO <b>15-115-21671</b>	WELL LOCATION <b>S23, T20, R16</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #112	50		mi		6.00	300	00
578		1			PUMP SERVICE	1		EA		1500	1500	00
221		1			LUBRICANT	2		GAZ		25	50	00
281		1			MUD FLUSH	500		GAZ		1.25	625	00
290		1			DAIR	1		GAZ		35	35	00
402		1			CENTRALIZED	6		EA	5 1/2	70	420	00
406		1			LATCH DOWN PLATE & BUSHING	1		EA		250	250	00
407		1			LIGHT FIXTURES	1		EA		350	350	00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X

DATE SIGNED **05-29-12** TIME SIGNED **2330**  A.M.  P.M.

**REMIT PAYMENT TO:**

**SWIFT SERVICES, INC.**  
P.O. BOX 466  
NESS CITY, KS 67560  
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL #1	3530	00
PAGE TOTAL #2	717	00
Sub TOTAL	10,647	00
PAWNEE TAX @ 3%	666	70
<b>TOTAL</b>	<b>11,313</b>	<b>70</b>

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR **D. BISH** APPROVAL

Thank You!



JOB LOG

SWIFT Services, Inc.

DATE 05-28-12 PAGE NO. 7

CUSTOMER CHARTER WELL NO. 1 LEASE DIPS JOB TYPE LONGSTRING TICKET NO. 21378

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	02330							ON LOCATION CMT: 175 STD EA-2
								RTD 3900, ST. P. 3879, ST. 20.87, TUBING 3878 ST. 14 1/4" CMT 1, 3, 5, 7, 9, 11 Run 90 Joints Joint 37.83
	0145							START CIRCULATION TRIP DOWN - DIP 13ML
	0300							BREAK C.C.
	0325		7.5					PUMP RH 30 MH 20
	0330	50			-		20	SODIUM AND FLUSH
		5	12		-		5	20% KCL FLUSH
			20		-		000	12.5% STD EA-2
			31.5					DROP TO PUMP, WASHOUT PL
	0345	65	0		-		0	START JUMP
			800		-		500	
			850		-		600	
			900		-		700	
	0400	45	94.6		-		1400	LAND PUMP RELEASE DEEP
								JOB COMPLETE
								THANK YOU! DINE, JIM ISAK