



KANSAS CORPORATION COMMISSION 1088776  
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 & Kurt Talbot  
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 #: \_\_\_\_\_

<u>06/29/2011</u>	<u>07/07/2011</u>	<u>07/07/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25580-00-00  
Spot Description: \_\_\_\_\_  
NW SE SE SE Sec. 9 Twp. 16 S. R. 13  East  West  
470 Feet from  North /  South Line of Section  
360 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Barton  
Lease Name: Bird - Schneweis Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: D & A  
Elevation: Ground: 1910 Kelly Bushing: 1917  
Total Depth: 3379 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 440 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: 53000 ppm Fluid volume: 700 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 Garbar Date: 08/01/2012



1088776

Operator Name: Charter Energy, Inc. Lease Name: Bird - Schneweis Well #: 1  
 Sec. 9 Twp. 16 S. R. 13  East  West County: Barton

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<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>Heebner</td> <td>3043</td> <td>-1126</td> </tr> <tr> <td>Douglas</td> <td>3074</td> <td>-1157</td> </tr> <tr> <td>Lansing</td> <td>3137</td> <td>-1220</td> </tr> <tr> <td>Arbuckle</td> <td>3375</td> <td>-1458</td> </tr> </table>	Name	Top	Datum	Heebner	3043	-1126	Douglas	3074	-1157	Lansing	3137	-1220	Arbuckle	3375	-1458
Name	Top	Datum														
Heebner	3043	-1126														
Douglas	3074	-1157														
Lansing	3137	-1220														
Arbuckle	3375	-1458														

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	23	440	common	190	3%cc 2%gel

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 Bbbs.	Gas Mcf	Water Bbbs.	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 <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# QUALITY OILWELL CEMENTING, INC.

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

Home Office P.O. Box 32 Russell, KS 67685

No. 4891

Date	6/30/11	Sec.	9	Twp.	16	Range	13	County	Barton	State		On Location		Finish	6:30 AM	
Lease	Brid-Schneiders			Well No.	1			Location	Susank, 2N, 1E, 1/4N, W into							
Contractor	Royal Drilling Rig #2							Owner	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.	441'			Street								
Csg.	8 5/8" 23#			Depth	440'			City	State							
Tbg. Size								Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.							
Tool								Displace	27 Bbls.							
Cement Left in Csg.								Cement Amount Ordered	190sx Com 3% Gel 2% Gel							
Meas Line																

### EQUIPMENT

Pumptrk	1	No.	Cementor	Paul	Common	190
			Helper			
Bulktrk	8	No.	Driver	Cisco	Poz. Mix	
			Driver			
Bulktrk	PJ	No.	Driver	Cory	Gel.	3
			Driver			

### JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Ent. Cpg.	Sand
Mix 190sx	Handling 200
Displace	Mileage
Cement Circulated	

### FLOAT EQUIPMENT

Guide Shoe	
Centralizer	4 5/8"
Baskets	
AFU Inserts	
Float Shoe	Swage
Latch Down	

Thank You!!

Pumptrk Charge	Surface
Mileage	22

X Signature Howy Budz

Tax	
Discount	
Total Charge	

# QUALITY OILWELL CEMENTING, INC.

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

Home Office P.O. Box 32 Russell, KS 67665

No. 4868

Date	7-2-11	Sec.	9	Twp.	16	Range	13	County	Barton	State	KS	On Location	Carup.m
Lease	BTKO Schne Weis			Well No.	1			Location	Susank 2nd 1E 14N Winton				
Contractor	Royal #2							Owner	To Quality Oilwell Cementing, Inc.				
Type Job	Retain Plug							You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size	7 7/8			T.D.	3379			Charge To	Charter Energy				
Csg.								Depth					
Tbg. Size								Depth					
Tool								Depth					
Cement Left in Csg.								Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line								Displace	Cement Amount Ordered 185 60/40 40/60 1/4 FF10				

### EQUIPMENT

Pumptrk	No.	Cementer	Craig	Common	111
		Helper			
Bulktrk	5	Driver	Brandon	Poz. Mix	74
		Driver			
Bulktrk	3	Driver	Randy	Gel.	6
		Driver			

### JOB SERVICES & REMARKS

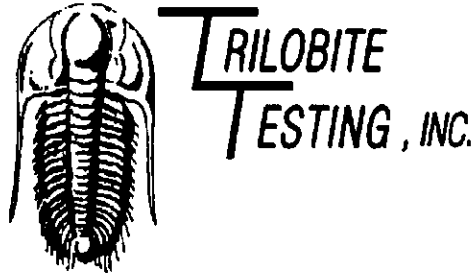
Remarks:	Hulls
Rat Hole 30	Salt
Mouse Hole 15	Flowseal 4 1/2"
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
1st 3355 *25SK	Sand
2nd 875 25SK	Handling 191
3rd 520 80SK	Mileage
4th 40 10SK	

### FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	8 5/8 Wacker Plug
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	plug
Mileage	22

	Tax
	Discount
	Total Charge

X Signature



## DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc.**

PO Box 252  
Great Bend, KS 67530

ATTN: Kurt Talbott

**9-16-13 Barton,KS**

**Bird-Schneweis #1**

Start Date: 2011.07.07 @ 07:30:53

End Date: 2011.07.07 @ 13:42:23

Job Ticket #: 43911                      DST #: 1

Trilobite Testing, Inc

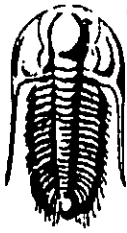
PO Box 362 Hays, KS 67601

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

Printed: 2012.05.21 @ 10:44:13

Charter Energy Inc.      Bird-Schneweis #1      9-16-13 Barton,KS      DST # 1      Arbuckle      2011.07.07





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Charter Energy Inc.  
PO Box 252  
Great Bend, KS 67530  
ATTN: Kurt Talbott

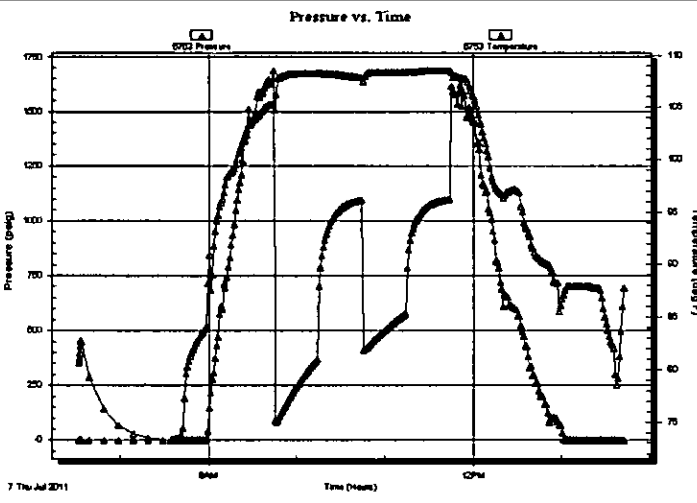
**Bird-Schneweis #1**  
**9-16-13 Barton,KS**  
Job Ticket: 43911      DST#: 1  
Test Start: 2011.07.07 @ 07:30:53

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No Whipstock:**                      ft (KB)      Test Type: **Conventional Bottom Hole (Initial)**  
Time Tool Opened: **09:45:53**      Tester: **Brett Dickinson**  
Time Test Ended: **13:42:23**      Unit No: **47**  
  
Interval: **3335.00 ft (KB) To 3379.00 ft (KB) (TVD)**      Reference Elevations:      **1917.00 ft (KB)**  
Total Depth: **3379.00 ft (KB) (TVD)**      **1910.00 ft (CF)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**      KB to GR/CF:      **7.00 ft**

**Serial #: 6753**      **Outside**  
Press@RunDepth:                      psig @      **3336.00 ft (KB)**      Capacity:                      **8000.00 psig**  
Start Date:                      **2011.07.07**      End Date:                      **2011.07.07**      Last Calib.:                      **2011.07.07**  
Start Time:                      **07:31:58**      End Time:                      **13:42:52**      Time On Btm:                      **Time Off Btm:**

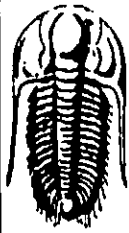
**TEST COMMENT:** IF-BOB in 1.5min  
IS-NB  
FF-BOB in 2.5min  
FS-NB



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

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	VSMCO 5%M 95%O	0.07
120.00	Oil Scum VSMCW 95%W 5%M	1.68
1205.00	Water	16.90

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Charter Energy Inc.  
PO Box 252  
Great Bend, KS 67530  
ATTN: Kurt Talbott

**Bird-Schneweis #1**  
**9-16-13 Barton, KS**  
Job Ticket: 43911      **DST#: 1**  
Test Start: 2011.07.07 @ 07:30:53

### Tool Information

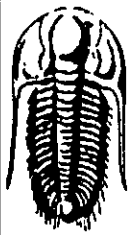
Drill Pipe:	Length: 3335.00 ft	Diameter: 3.80 inches	Volume: 46.78 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 46.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3335.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3316.00	
Shut In Tool	5.00			3321.00	
Hydraulic tool	5.00			3326.00	
Packer	4.00			3330.00	20.00      Bottom Of Top Packer
Packer	5.00			3335.00	
Stubb	1.00			3336.00	
Recorder	0.00	8319	Inside	3336.00	
Recorder	0.00	6753	Outside	3336.00	
Perforations	6.00			3342.00	
Change Over Sub	1.00			3343.00	
Blank Spacing	32.00			3375.00	
Change Over Sub	1.00			3376.00	
Bullnose	3.00			3379.00	44.00      Bottom Packers & Anchor

**Total Tool Length: 64.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Charter Energy Inc.  
PO Box 252  
Great Bend, KS 67530  
ATTN: Kurt Talbott

**Bird-Schneweis #1**  
**9-16-13 Barton, KS**  
Job Ticket: 43911      **DST#: 1**  
Test Start: 2011.07.07 @ 07:30:53

## 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:	23000 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5600.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	VSMCO 5%M 95%O	0.070
120.00	Oil Scum VSMCW 95%W 5%M	1.683
1205.00	Water	16.903

Total Length: 1330.00 ft      Total Volume: 18.656 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: RW .22 @ 100 deg F

