



WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 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 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 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

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:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<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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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 7916

Cell 785-324-1041

Date	6-14-13	Sec.	26	Twp.	20	Range	16	County	Pawnee	State	Ks	On Location		Finish	8:45 AM
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Lease Clutter Location Pawnee Rock, Ks - west side, W on T Rd to 90 Rd, 1N to U Rd, 3/4 W 1st

Well No. 2 Owner T Rd to 90 Rd, 1N to U Rd, 3/4 W 1st  
 Contractor Royal 2 To Quality Oilwell Cementing, Inc.  
 Type Job Surface 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 12 1/4" T.D. 1024' Charge To Charter Energy  
 Csg. 8 5/8" Depth 1024' Street

Tbg. Size Depth City State  
 Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 42' Shoe Joint 42' Cement Amount Ordered 450 SX Common 3 1/2 U

Meas Line Displace 62 1/4 Bcs 2 1/2 Gel  
 EQUIPMENT Common 450

Pumptrk <u>16</u> No. Cementer Helper <u>Tavis</u>	Poz. Mix
Bulktrk <u>19</u> No. Driver <u>Ehad</u>	Gel. <u>8</u>
Bulktrk <u>p.u.</u> No. Driver <u>Rock</u>	Calcium <u>14</u>

JOB SERVICES & REMARKS  
 Remarks Cement did Circulate

Rat Hole Flowseal  
 Mouse Hole Kol-Seal

Centralizers Mud CLR 48  
 Baskets CFL-117 or CD110 CAF 38

D/V or Port Collar Sand  
 Handling 412

Mileage

FLOAT EQUIPMENT  
 Guide Shoe

Centralizer  
 Baskets

AFU Inserts  
 Float Shoe

Latch Down  
 1- Baffle plate

1- Rubber plug  
 Pumptrk Charge Long Surface

Mileage 21

Signature Tom Blake Tax Discount  
 Total Charge



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 7920  
6-20-13

Date	6-19-13	Sec.	26	Twp.	20	Range	16	County	Pawnee	State	Ks	On Location		Finish	12:15 Am
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Lease	Clutter		Location	Pawnee Rock, Ks - W on TRd to 90Rd											
Well No.	2		Owner	IN, 3/4 W Minto											

Contractor	Royal 2		To Quality Oilwell Cementing, Inc.												
Type Job	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 1/8"		T.D.	3798'		Charge To	Charter Energy								
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Csg.			Depth			Street									
Tbg. Size	4 1/2" D.P.		Depth	3750'		City	State								

Tool			Depth			The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.			Shoe Joint			Cement Amount Ordered	210 SX 60/40 4% Gel 1/4#								

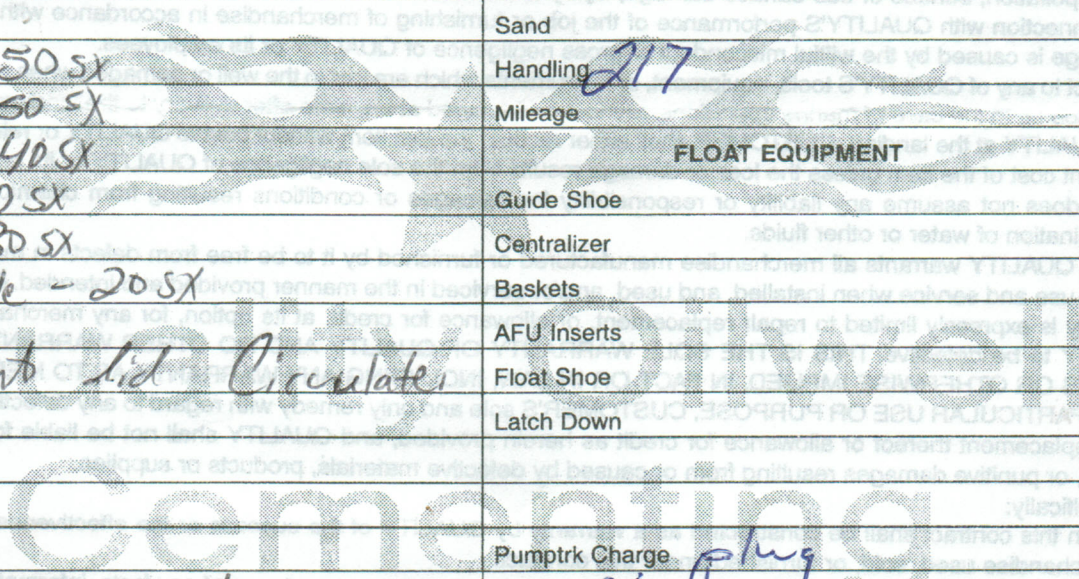
Meas Line			Displace	H2O/Mud		Flo-seal									
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EQUIPMENT															
Pumptrk	16	No.	Cementer Helper	Lonnie W.		Common	126								
Bulktrk	8	No.	Driver	Heath		Poz. Mix	84								
Bulktrk	p.w.	No.	Driver	Rick		Gel.	7								
Bulktrk		No.	Driver			Calcium									

JOB SERVICES & REMARKS															
Remarks:						Hulls									
Rat Hole						Salt									
Mouse Hole						Flowseal	50#								
Centralizers						Kol-Seal									
Baskets						Mud CLR 48									
D/V or Port Collar						CFL-117 or CD110 CAF 38									
	3750' - 50 SX					Sand									
	1060' - 50 SX					Handling	217								
	350' - 40 SX					Mileage									
	60' - 20 SX					FLOAT EQUIPMENT									
	Rathole - 30 SX					Guide Shoe									
	Mousehole - 20 SX					Centralizer									
	Cement lid Circulate					Baskets									
						AFU Inserts									
						Float Shoe									
						Latch Down									
						Pumptrk Charge	plug								
						Mileage	21								

						Tax									
						Discount									
						Total Charge									

X Signature	Tom Blasse														
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**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Charter Energy Inc  
 P.O. Box 252  
 Great Bend KS 67530-0252  
 ATTN: Wyatt Urban

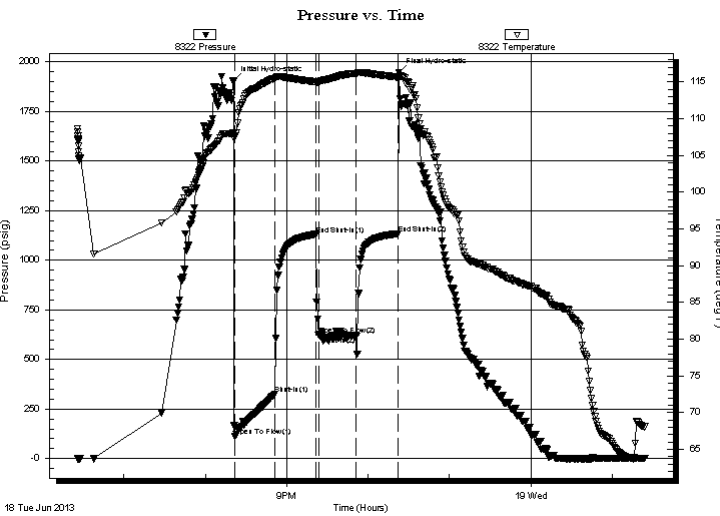
**26 20s 26w Pawnee**  
**Clutter # 2**  
 Job Ticket: 53819      **DST#: 1**  
 Test Start: 2013.06.18 @ 18:26:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No      Whipstock: 2025.00 ft (KB)  
 Time Tool Opened: 20:22:00  
 Time Test Ended: 01:24:00  
 Interval: **3690.00 ft (KB) To 3770.00 ft (KB) (TVD)**  
 Total Depth: 3770.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jim Svaty  
 Unit No: 41  
 Reference Elevations: 2025.00 ft (KB)  
 2018.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8322      Inside**  
 Press @ Run Depth: 617.41 psig @ 3702.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2013.06.18      End Date: 2013.06.19      Last Calib.: 2013.06.19  
 Start Time: 18:26:01      End Time: 01:23:50      Time On Btm: 2013.06.18 @ 20:21:00  
 Time Off Btm: 2013.06.18 @ 22:22:50

**TEST COMMENT:** 30-IFP- BOB in 45 sec.  
 30-ISIP- Surface Blow in 1min.  
 30-FFP- BOB in 4 1/2 min.  
 30-FSIP- Surface Blow in 2 1/2 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1904.11	108.05	Initial Hydro-static
1	110.99	107.70	Open To Flow (1)
31	325.28	115.51	Shut-In(1)
61	1129.78	115.00	End Shut-In(1)
63	624.38	115.00	Open To Flow (2)
91	617.41	116.16	Shut-In(2)
122	1133.60	115.66	End Shut-In(2)
122	1947.51	115.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
310.00	GM 10%g 90%m Show of Oil	4.35
124.00	GWCM 10%g 15%w 75%m Show of Oil	1.74
186.00	GOMCW 20%g 5%o 10%m 65%w	2.61
434.00	OMCW 5%o 5%m 90%w	6.09
0.00	186 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Charter Energy Inc  
P.O. Box 252  
Great Bend KS 67530-0252  
ATTN: Wyatt Urban

**26 20s 26w Pawnee**  
**Clutter # 2**  
Job Ticket: 53819      **DST#: 1**  
Test Start: 2013.06.18 @ 18:26:00

## 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:	36000 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7300.00 ppm			
Filter Cake: inches			

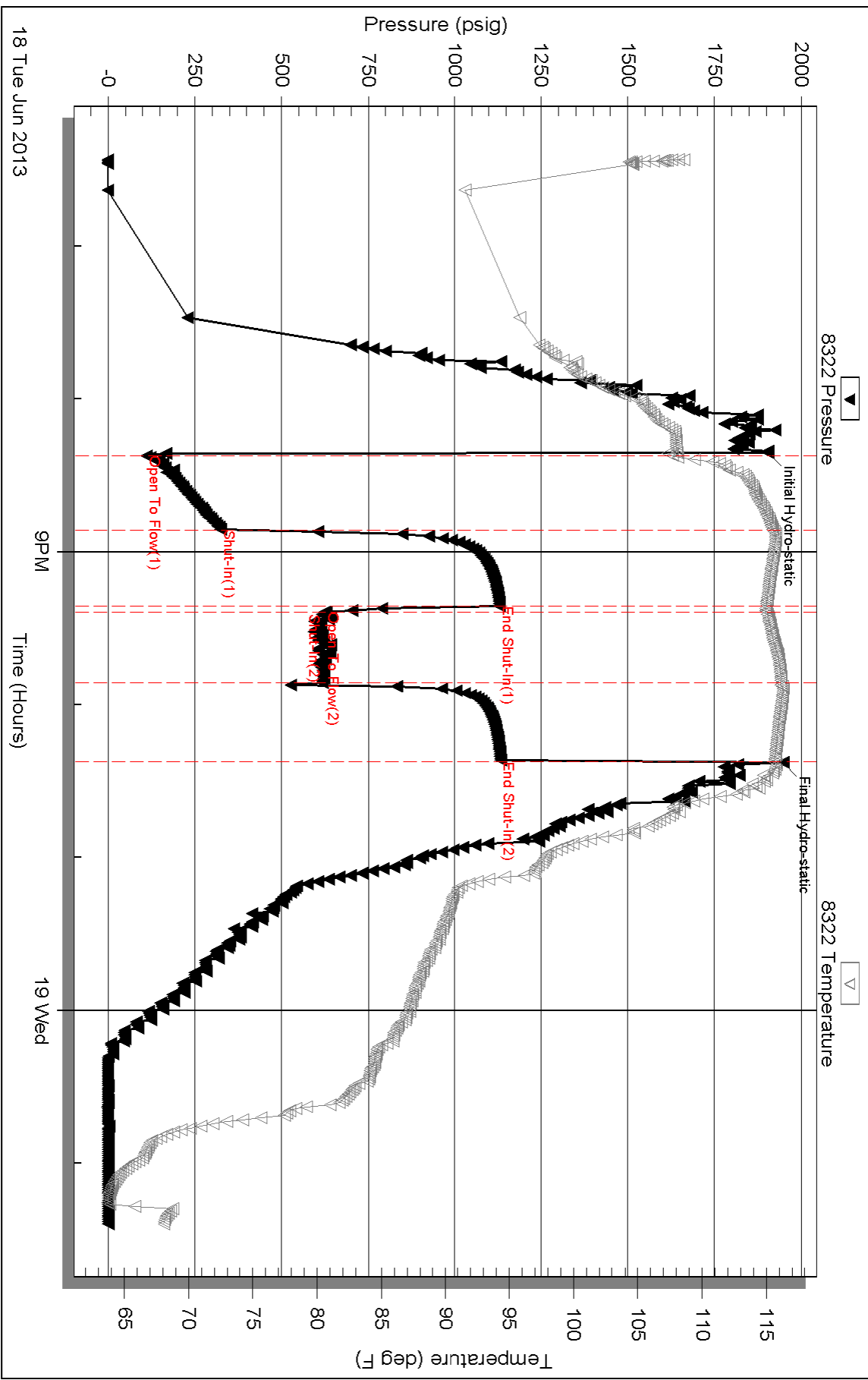
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	GM 10%g 90%m Show of Oil	4.348
124.00	GWCM 10%g 15%w 75%m Show of Oil	1.739
186.00	GOMCW 20%g 5%o 10%m 65%w	2.609
434.00	OMCW 5%o 5%m 90%w	6.088
0.00	186 GIP	0.000

Total Length: 1054.00 ft      Total Volume: 14.784 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: .213 @ 66

# Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Charter Energy Inc  
P.O. Box 252  
Great Bend KS 67530-0252  
ATTN: Wyatt Urban

**26 20s 26w Pawnee**  
**Clutter # 2**  
Job Ticket: 53820      **DST#: 2**  
Test Start: 2013.06.19 @ 06:25:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No    Whipstock: 2025.00 ft (KB)  
Time Tool Opened: 08:09:50  
Time Test Ended: 13:19:00  
Interval: **3768.00 ft (KB) To 3785.00 ft (KB) (TVD)**  
Total Depth: 3785.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches    Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Jim Svaty  
Unit No: 41  
Reference Elevations: 2025.00 ft (KB)  
1818.00 ft (CF)  
KB to GR/CF: 7.00 ft

**Serial #: 6752    Outside**  
Press @ Run Depth: 1090.23 psig @ 3782.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.06.19    End Date: 2013.06.19      Last Calib.: 2013.06.19  
Start Time: 06:25:01    End Time: 13:18:30      Time On Btm: 2013.06.19 @ 08:08:10  
Time Off Btm: 2013.06.19 @ 10:09:40

**TEST COMMENT:** 30-IFP- BOB in 25 sec.  
30-ISIP- Surface Blow in 1 min. BOB in 19 min.  
30-FFP- BOB in 10 sec.  
30-FSIP- BOB in 10 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1940.94	103.10	Initial Hydro-static
2	347.57	116.97	Open To Flow (1)
30	850.64	117.70	Shut-In(1)
60	1142.98	117.24	End Shut-In(1)
61	923.19	117.19	Open To Flow (2)
90	1090.23	117.55	Shut-In(2)
121	1156.59	117.36	End Shut-In(2)
122	1883.71	116.82	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
279.00	GOWCM 15%g 10%o 15%w 60%m	3.91
434.00	GOMCW 10%g 5%o 10%m 75%w	6.09
1736.00	Water 100%	24.35
0.00	713 GIP	0.00

\* 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

**26 20s 26w Pawnee**

P.O. Box 252  
Great Bend KS 67530-0252

**Clutter # 2**

Job Ticket: 53820

**DST#: 2**

ATTN: Wyatt Urban

Test Start: 2013.06.19 @ 06:25:00

## 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:

30000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.55 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
279.00	GOWCM 15%g 10%o 15%w 60%m	3.914
434.00	GOMCW 10%g 5%o 10%m 75%w	6.088
1736.00	Water 100%	24.352
0.00	713 GIP	0.000

Total Length: 2449.00 ft

Total Volume: 34.354 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .190 @ 84

### Pressure vs. Time

