



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: _____



DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Jim Musgrove

Greg Bitter #2

16-16s-13w Barton,KS

Start Date: 2013.03.30 @ 18:16:00

End Date: 2013.03.31 @ 01:15:45

Job Ticket #: 52166 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.04.03 @ 15:48:29



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy Inc
 PO Box 252
 Great Bend, KS 67530
 ATTN: Jim Musgrove

16-16s-13w Barton, KS

Greg Bitter #2

Job Ticket: 52166

DST#: 1

Test Start: 2013.03.30 @ 18:16:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:04:00
 Time Test Ended: 01:15:45
 Interval: **3344.00 ft (KB) To 3380.00 ft (KB) (TVD)**
 Total Depth: 3380.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cody Bloedorn
 Unit No: 42
 Reference Elevations: 1919.00 ft (KB)
 1911.00 ft (CF)
 KB to GR/CF: 8.00 ft

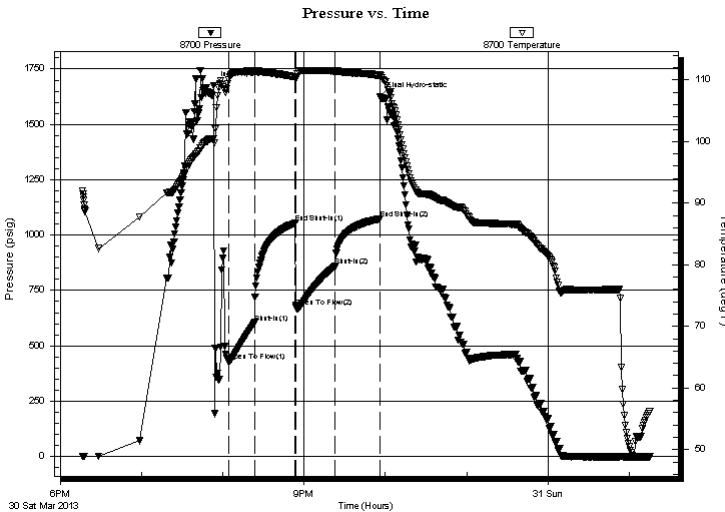
Serial #: 8700

Outside

Press @ Run Depth: 858.75 psig @ 3350.00 ft (KB)
 Start Date: 2013.03.30 End Date: 2013.03.31
 Start Time: 18:16:05 End Time: 01:15:44
 Capacity: 8000.00 psig
 Last Calib.: 2013.03.31
 Time On Btm: 2013.03.30 @ 19:53:00
 Time Off Btm: 2013.03.30 @ 21:56:00

TEST COMMENT: 30 - IF- B.O.B. in 1 minute
 30 - IS- No return
 30 - FF- B.O.B. in 1 Minute
 30 - FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.86	100.45	Initial Hydro-static
11	431.17	110.07	Open To Flow (1)
31	604.72	111.45	Shut-In(1)
61	1053.88	110.48	End Shut-In(1)
61	675.21	110.35	Open To Flow (2)
90	858.75	111.45	Shut-In(2)
123	1072.74	110.71	End Shut-In(2)
123	1625.92	110.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
558.00	Water, 100%W	7.83
620.00	HOCW, 40%O, 60%W	8.70
434.00	VSOCWM, 5%O, 5%W, 90%M	6.09
186.00	VSOCM, 5%O, 95%M	2.61
5.00	GO, 10%O, 90%M	0.07

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: Jim Musgrove

16-16s-13w Barton,KS
Greg Bitter #2
Job Ticket: 52166 **DST#: 1**
Test Start: 2013.03.30 @ 18:16:00

Tool Information

Drill Pipe:	Length: 3353.00 ft	Diameter: 3.80 inches	Volume: 47.03 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 47.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3344.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter:	6.75 inches	

Tool Comments: Hit a bridge 8 feet from bottom, tool opened and slid. still needed to add one joint. had to pull it and get the other joint of pipe on and reset tool and then we set on bottom second time fine.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3324.00	
Shut In Tool	5.00			3329.00	
Hydraulic tool	5.00			3334.00	
Packer	5.00			3339.00	21.00 Bottom Of Top Packer
Packer	5.00			3344.00	
Stubb	1.00			3345.00	
Perforations	5.00			3350.00	
Recorder	0.00	8369	Inside	3350.00	
Recorder	0.00	8700	Outside	3350.00	
Perforations	27.00			3377.00	
Bullnose	3.00			3380.00	36.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc
PO Box 252
Great Bend, KS 67530
ATTN: Jim Musgrove

16-16s-13w Barton,KS
Greg Bitter #2
Job Ticket: 52166 **DST#: 1**
Test Start: 2013.03.30 @ 18:16:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7200.00 ppm			
Filter Cake: inches			

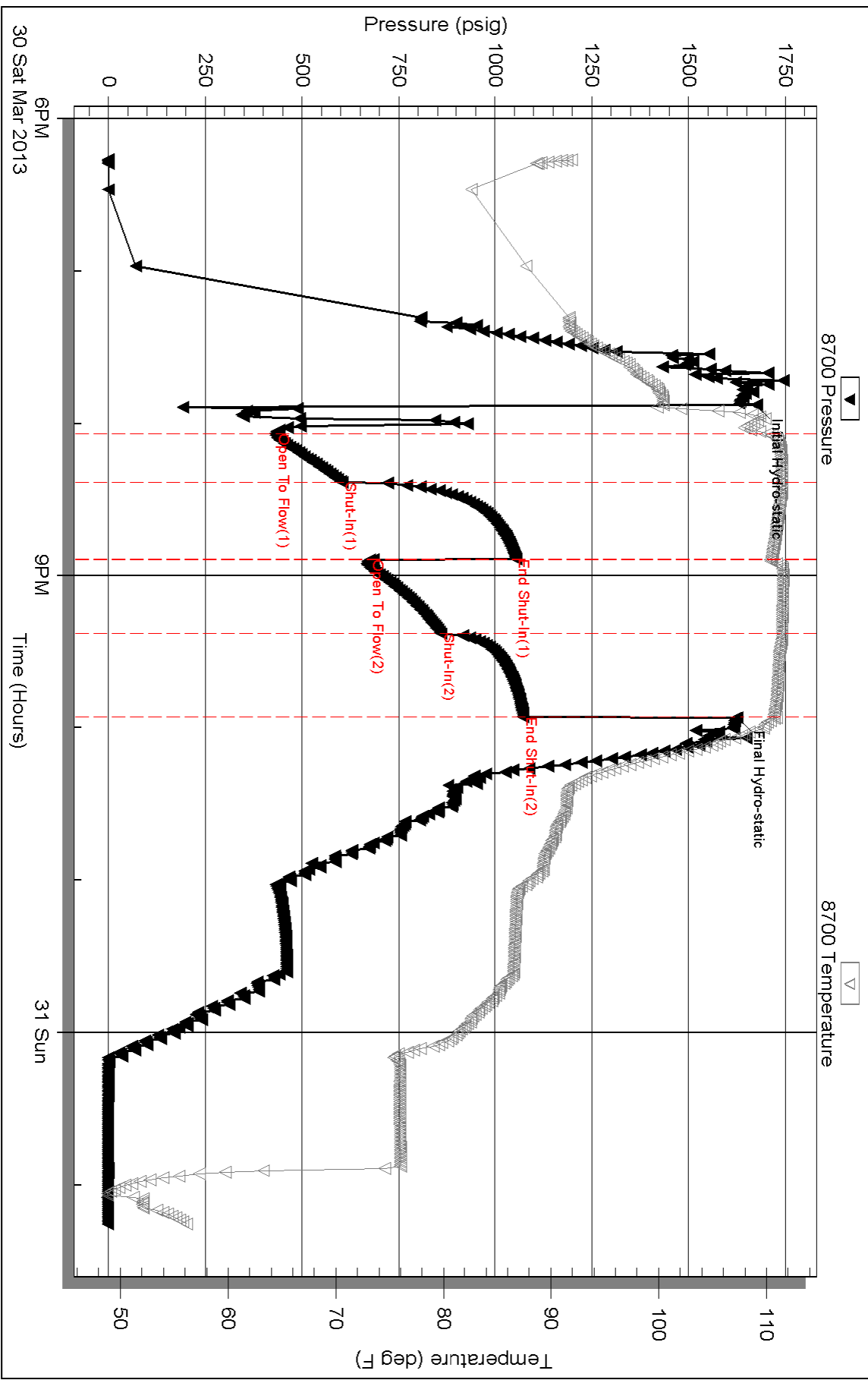
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
558.00	Water, 100%W	7.827
620.00	HOCW, 40%O, 60%W	8.697
434.00	VSOCWM, 5%O, 5%W, 90%M	6.088
186.00	VSOCM, 5%O, 95%M	2.609
5.00	GO, 10%O, 90%M	0.070

Total Length: 1803.00 ft Total Volume: 25.291 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .2 @ 50 Degrees = 55,000

Pressure vs. Time



Serial #: 8369

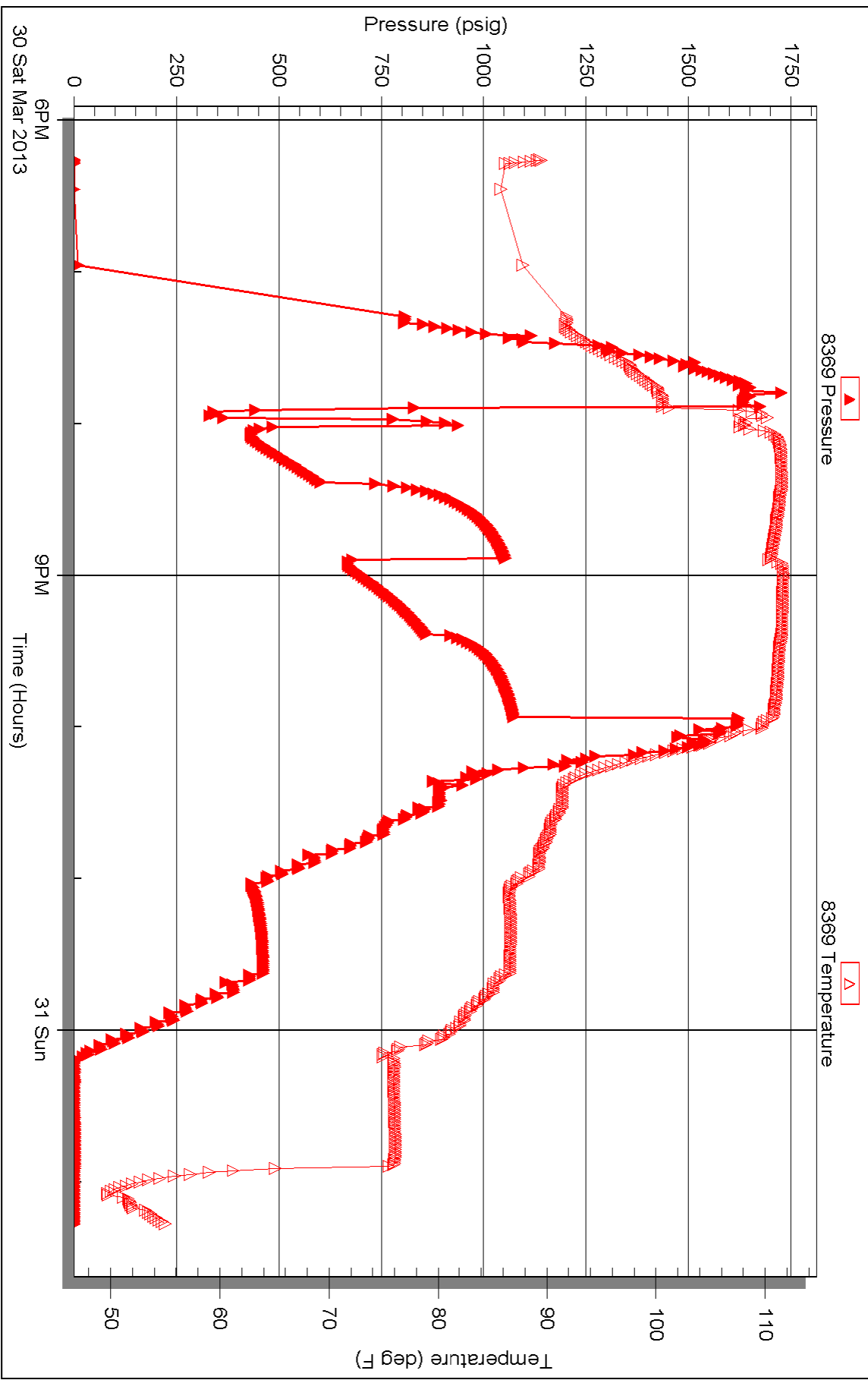
Inside

Charter Energy Inc

Greg Bitter #2

DST Test Number: 1

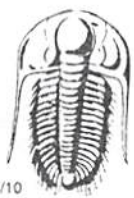
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 52166

Printed: 2013.04.03 @ 15:48:33



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52166

Well Name & No. Greg Bitter #2 Test No. 1 Date 3-30-13
 Company Charter Energy Inc Elevation 1919 KB ~~1914~~ 1911 GL
 Address Po Box 252, Greatbend KS, 67530
 Co. Rep / Geo. Jim Rig Royal #2
 Location: Sec. 16 Twp. 16s Rge. 13w Co. Barton State KS

Interval Tested 3344 - 3380 Zone Tested Arbuckle
 Anchor Length 36' Drill Pipe Run 3353' Mud Wt. 9.1
 Top Packer Depth 3339 Drill Collars Run — Vis 52
 Bottom Packer Depth 3344 Wt. Pipe Run — WL 8.4
 Total Depth 3380 Chlorides 7200 ppm System LCM —
 Blow Description IF - B.O.B. in 1 Minute
ISI - No return
FF - B.O.B. in 1 Minute
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
558	water		100		
620	620 HOCW	40	60		
434	V50CWM	5	5	90	
186	V50CWM	5		95	
5'	60	10%	90		

Rec Total 1803' BHT 110° Gravity — API RW .2 @ 50° F Chlorides 55000 ppm

(A) Initial Hydrostatic 1673 Test 1150 T-On Location 4:59 pm
 (B) First Initial Flow 431 Jars _____ T-Started 6:16 pm
 (C) First Final Flow 604 Safety Joint _____ T-Open 7:54 pm
 (D) Initial Shut-In 1053 Circ Sub _____ T-Pulled 9:54 pm
 (E) Second Initial Flow 675 Hourly Standby _____ T-Out 1:17 am
 (F) Second Final Flow 858 Mileage 99 RT 153.45
 (G) Final Shut-In 1072 Sampler _____
 (H) Final Hydrostatic 1625 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby ? _____
 Accessibility _____

Sub Total 1303.45

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Sub Total 0
 Total 1303.45
 MP/DST Disc't _____

Approved By _____

Our Representative Cody B...

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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. 6473

Date	Sec.	Twp.	Range	County	State	On Location	Finish
3-27-13	16	16	13	Barton	KS		Ca 1.5 A.M.
Lease <u>Greg Bitter</u>				Well No. <u>2</u>		Owner	
Contractor <u>Royal #2</u>				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 <u>Surface</u>				Charge To <u>Charter Energy</u>			
Hole Size <u>12 1/4</u>		T.D. <u>457</u>		Street			
Csg. <u>8 5/8</u>		Depth <u>456</u>		City			
Tbg. Size		Depth		State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. <u>15'</u>		Shoe Joint		Cement Amount Ordered <u>225 Com 3% CC 2% BE</u>			
Meas Line		Displace <u>28 BCL</u>		Common <u>225</u>			
EQUIPMENT				Poz. Mix			
Pumptrk <u>9</u>	No. <u>Craig</u>	Cemented Helper		Gel. <u>4</u>			
Bulktrk	No. <u>Cody</u>	Driver		Calcium <u>8</u>			
Bulktrk <u>8</u>	No. <u>Clayton</u>	Driver		Hulls			
JOB SERVICES & REMARKS				Salt			
Remarks:				Flowseal			
Rat Hole				Kol-Seal			
Mouse Hole				Mud CLR 48			
Centralizers				CFL-117 or CD110 CAF 38			
Baskets				Sand			
D/V or Port Collar				Handling <u>237</u>			
<u>8 5/8 on bottom - Est. Circulation -</u>				Mileage			
<u>Mix 225 SIC + Displace.</u>				FLOAT EQUIPMENT			
<u>Cement Circulated!</u>				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge <u>Surface</u>			
				Mileage <u>22</u>			
				Tax			
				Discount			
X Signature <u>Wray Buey</u>				Total Charge			



CHARGE TO: Chatter Energy
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No **24036**

PAGE 1 OF 2

1. SERVICE LOCATIONS	WELL/PROJECT NO. <u>Hays Ks</u>	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
2. <u>Ness City Ks</u>	2	<u>Grey Sitter</u>	<u>Barren</u>	<u>Ks</u>	<u>Location</u>	<u>3-31-13</u>	
3.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Royal</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO	ORDER NO.	
4. REFERRAL LOCATION	WELL TYPE <u>0:1</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>5 1/2 Long String</u>	WELL PERMIT NO.	WELL LOCATION <u>Sec 16, Twp 16S, R. 13W</u>		

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	60	mi			6.00	360.00
578		1			Pump Charge	1	eq			1500.00	1500.00
221		1			Loggia KCL	2	gal			25.00	50.00
281		1			Mod Flush	500	gal			1.25	625.00
290		1			O Air	2	gal			35.00	70.00
402		1			Centralizer	6	ecs			70.00	420.00
403		1			Lemert Gasket	1	ea			250.00	250.00
406		1			Latch Down Plug x Baffle	1	ea			250.00	250.00
407		1			Insert Float Shoe w/turn Fill	1	ea			350.00	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

DATE SIGNED 3-31-13 TIME SIGNED 1630

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	P1	P2
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					3875	00
WE UNDERSTOOD AND MET YOUR NEEDS?					4458	55
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					8333	55
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					406	98
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			703%	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					TOTAL	8740
					TOTAL	53

SWIFT OPERATOR Tom Alv APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 24036

CUSTOMER *Cherks Energy*

WELL *Greg B. Her*

*2

DATE 3.31-13

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		UNIT PRICE		AMOUNT				
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M					
325		2				Standard Cement	175	SKS	13	50	2362.50				
276		2				Flocele	50	lbs	2	00	100.00				
283		2				Salt	900	lbs	20	00	180.00				
284		2				Cal seal	8	SKS	35	00	280.00				
286		2				Halcl-1	85	lbs	7	50	637.50				
581		2				SERVICE CHARGE			2	00	350.00				
583		2				MILEAGE CHARGE			1	00	548.55				
							TOTAL WEIGHT	18285	LOADED MILES	60	CUBIC FEET	125 SKS	TON MILES	548.55	

CONTINUATION TOTAL 4458.55

JOB LOG

SWIFT Services, Inc.

DATE 3-31-13 PAGE NO.

CUSTOMER Charter Energy WELL NO. 2 LEASE Greg Bitter JOB TYPE 5 1/2 Long String TICKET NO. 24036

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1630							On location
								TD 3440 SJ 22
								TP 3433 Insert 3411
								centralizer 1,3,5,7,9,11
								Basket 4
								5 1/2 x 14#
	1630							Start casing
	1745							Drop Ball Break circulation
	1855		7/4					Plug RH 30, MH 15
	1905	5	12		✓		300	Start Mud flush
		5	20		✓		300	Start KCL flush
		5	32		✓		200	Start cement
	1923							Drop Plug
								Wash out Pump + Lines
	1924							
	1924	6			✓			Start Displacement
	1940		83.2				29/1500	land Plug
	1942							Release Dry
								Wash up Pack up
	2015							Job complete Thank You Josh, Brian, Rob