

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9090  
 Name: Charter Energy, Inc.  
 Address 1: P.O. Box 252  
 Address 2: \_\_\_\_\_  
 City: Great Bend State: Ks Zip: 67530 + 0252  
 Contact Person: Steve Baize  
 Phone: ( 620 ) 793-9090  
 CONTRACTOR: License # 33323  
 Name: Petromark Drilling, LLC  
 Wellsite Geologist: Josh Austin  
 Purchaser: N C R A  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
 (Core, WSW, Expl., Cathodic, 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  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
11-23-09 11-30-09 12-16-09  
 Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 185-23586-00-00  
 Spot Description: \_\_\_\_\_  
 SE  NW  SE  NW Sec. 4 Twp. 22 S. R. 12  East  West  
1679 Feet from  North /  South Line of Section  
1651 Feet from  East /  West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
 County: Stafford  
 Lease Name: Teichmann Well #: 3  
 Field Name: German Valley  
 Producing Formation: Arbuckle  
 Elevation: Ground: 1863 Kelly Bushing: 1868  
 Total Depth: 3750 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at: 290 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 AH I NR 2-2-10  
 (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 No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: \_\_\_\_\_  
 Title: President Date: 1/15/2010  
 Subscribed and sworn to before me this 18 day of January  
 20 10  
 Notary Public: Crystal Boxberger  
 Date Commission Expires: 10-15-13



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

RECEIVED  
 JAN 20 2010  
 KCC WICHITA

Operator Name: Charter Energy, Inc. Lease Name: Teichmann Well #: 3  
 Sec. 4 Twp. 22 S. R. 12  East  West County: Stafford

**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 copy of all Electric Wireline 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 <i>(Submit Copy)</i>  List All E. Logs Run: <b>Compensated Density Neutron, Micro Dual Induction</b>	<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>Anhydrite</td> <td>660</td> <td>+1208</td> </tr> <tr> <td>Heebner</td> <td>3148</td> <td>-1280</td> </tr> <tr> <td>Lansing</td> <td>3296</td> <td>-1428</td> </tr> <tr> <td>Viola</td> <td>3546</td> <td>-1678</td> </tr> <tr> <td>Simpson Shale</td> <td>3588</td> <td>-1720</td> </tr> <tr> <td>Arbuckle</td> <td>3642</td> <td>-1774</td> </tr> </table>	Name	Top	Datum	Anhydrite	660	+1208	Heebner	3148	-1280	Lansing	3296	-1428	Viola	3546	-1678	Simpson Shale	3588	-1720	Arbuckle	3642	-1774
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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	290	common	320	3%cc, 2% gel
Production	7 7/8	5 1/2	15.5	3734	common	150	10% salt

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	3643 - 3648	None	

TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>3693</u>	Packer At: <u>N/A</u>	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>1/6/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. <u>30</u>	Gas Mcf	Water Bbls. <u>2</u>	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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

JAN 20 2010  
KCC WICHITA

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3688

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-30-09	4	22	12	Stafford	Kansas		1:00pm
Lease <i>Treichman</i>	Well No. <i>3</i>		Location <i>Grand Brand 14.5 SE 1/4 E 1/4</i>				
Contractor <i>RetroMark Drilling Rig 2</i>				Owner			
Type Job <i>Logging</i>				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.			
Hole Size <i>7 7/8</i>	T.D. <i>3750</i>		Charge To <i>Chatter Energy</i>				
Csg. <i>5 1/2 15.50 lb</i>	Depth <i>3740</i>		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. <i>20'</i>	Shoe Joint <i>20'</i>		CEMENT				
Meas Line	Displace <i>885.1361</i>						
EQUIPMENT				Amount Ordered <i>175 Com 10% Salt 50 Britonite</i>			
Pumptrk <i>1</i>	No.	Cementer <i>Steve</i>	Common <i>3 1/2 18 CF 117</i>				
Bulktrk <i>8</i>	No.	Driver <i>Babe</i>	Poz. Mix				
Bulktrk	No.	Driver <i>Mont</i>	Gel.				
JOB SERVICES & REMARKS				Calcium			
Remarks:				Hulls			
<i>30' ss Root Hole</i>				Salt			
<i>Mix 500 Gal Mud Clear -48</i>				<i>500 Gal Mud Clear -48</i>			
<i>Followed by 14.5' ss Com 10% Salt</i>							
<i>50 Britonite</i>				Flowseal			
<i>Land plug @ 1300 psi</i>				Handling			
<i>Float Hold</i>				Mileage			
				FLOAT EQUIPMENT			
				Guide Shoe <i>1 Float Shoe</i>			
				Centralizer <i>6</i>			
				Baskets			
				AFU Inserts			
				<i>1 Patch Panel Assy</i>			
<i>Thank You</i>				Pumptrk Charge			
				Mileage			
<i>[Signature]</i>				RECEIVED			
				JAN 20 2010			
				RCC WICHITA			
				Discount			
X Signature				Total Charge			

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3845

Date	Sec. 4	Twp. 22	Range 12	County STAFFORD	State KS	On Location	Finish 12:15AM
Lease TEIKMANN	Well No. 3		Location GREAT BEND 3 TO K19 SE 1/2 N				
Contractor PETROMARK 2				Owner To Quality Oilwell Cementing, Inc.			
Type Job SEC				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. 295'		Charge To CHARTER				
Csg. 8 5/8 23'	Depth 295'		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. 15'	Shoe Joint		CEMENT				
Meas Line	Displace 17.8		Amount Ordered 320 cum 3 1/4 2% 65c				
<b>EQUIPMENT</b>				Common			
Pumptrk 1 No. Cementer	Helper SHANNON		Poz. Mix				
Bulktrk 10 No. Driver	Driver ADAM		Gel				
Bulktrk 10 No. Driver	Driver ADAM		Calcium				
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Remarks: Cement Did Circ 00				Salt			
Thank You				Flowseal			
				Handling			
				Mileage			
				<b>FLOAT EQUIPMENT</b>			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				1-8 5/8 WOODEN			
				1-8 5/8 head & main hole			
				Pumptrk Charge			
				Mileage			
Signature Shawn EPP				RECEIVED			
				JAN 20 2010			
				KCC WICHITA			
				Tax			
				Discount			
				Total Charge			