

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.: _____

8-13-09 , 8-20-09 , 9-2-09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 185-23551-00-00
Spot Description: _____
SE NE NW NW Sec. 4 Twp. 22 S. R. 13 ☐ East ☒ West
590 Feet from ☒ North / ☐ South Line of Section
1260 Feet from ☐ East / ☒ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☒ NW ☐ SE ☐ SW
County: Stafford
Lease Name: L.V.M. "A" Well #: 1
Field Name: Gates
Producing Formation: Arbuckle
Elevation: Ground: 1894 Kelly Bushing: 1899
Total Depth: 3901 Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at: 346 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 Alt 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.: _____

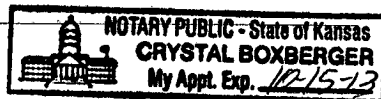
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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

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Operator Name: Charter Energy, Inc. Lease Name: L.V.M. "A" Well #: 1
 Sec. 4 Twp. 22 S. R. 13 ☐ 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 ☒ Yes ☐ No

(Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No

(Submit Copy)

List All E. Logs Run:

Compensated Density Neutron, Micro
Dual Induction

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
Heebner	3234	-1335
Lansing	3375	-1476
Viola	3659	-1760
Simpson Shale	3703	-1804
Arbuckle	3752	-1853

CASING RECORD ☒ New ☐ 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	346	60/40 pos	450sx	3%cc, 2% gel
Production	7 7/8	5 1/2	15.5	3860	common	175sx	10% salt

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 (Amount and Kind of Material Used)	Depth
4	3754 - 3757	250 gal. - 15% MCA	

TUBING RECORD: Size: 2 7/8 Set At: 3780 Packer At: _____ Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or Enhr. 10/1/2009 Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>75</u>	Gas Mcf	Water Bbls. <u>600</u>	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____	_____ _____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906
Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

Invoice Number: 119712
Invoice Date: Aug 13, 2009
Page: 1

pd
CR# 2785
9-4-09

Bill To:
Charter Energy Co. P. O. Box 252 Great Bend, KS 67530

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Char E	LVM A #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Liberal	Aug 13, 2009	9/12/09

Quantity	Item	Description	Unit Price	Amount
270.00	MAT	Class A Common	13.50	3,645.00
180.00	MAT	Pozmix	7.55	1,359.00
8.00	MAT	Gel	14.80	118.40
15.00	MAT	Chloride	51.50	772.50
320.00	SER	Handling	0.31	100.00
1.00	SER	Handling Mileage Charge	150.00	150.00
1.00	SER	Surface	650.00	650.00
10.00	SER	Extra Footage	5.00	50.00
1.00	EQP	Wooden Plug	66.00	66.00

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2073.27

ONLY IF PAID ON OR BEFORE

Sep 12, 2009

Subtotal	6,910.90
Sales Tax	375.54
Total Invoice Amount	7,286.44
Payment/Credit Applied	
TOTAL	7,286.44

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-2,073.27

- 800.00

4,413.17

ALLIED CEMENTING CO., INC.

26950

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Wichita KS

DATE <u>7-13-09</u>	SEC. <u>4</u>	TWP. <u>22S</u>	RANGE <u>13W</u>	CALLED OUT	ON LOCATION	JOB START <u>2000</u>	JOB FINISH <u>2100</u>
LEASE <u>LVM</u>	WELL # <u>A#1</u>	LOCATION <u>Set 2814 KS 19 - 1 N</u>			COUNTY <u>Stafford</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>3/4 W, S + W into</u>				

CONTRACTOR

TYPE OF JOB Sw. Ace
HOLE SIZE 12 1/4 T.D. 348
CASING SIZE 8 3/4 DEPTH 341
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 20
PERFS.
DISPLACEMENT 20

EQUIPMENT

PUMP TRUCK CEMENTER Kirby
366 HELPER Tony / Cesar
BULK TRUCK
457-239 DRIVER Mago / Francisco
BULK TRUCK
DRIVER

REMARKS:

Thank You

OWNER

CEMENT

AMOUNT ORDERED 450 sk 60/40 - 2% Ga
3% Ca
Tool pusher ordered extra

COMMON	<u>270 sk</u>	@	<u>13.50</u>	<u>3645.00</u>
POZMIX	<u>180 sk</u>	@	<u>7.55</u>	<u>1359.00</u>
GEL	<u>8 sk</u>	@	<u>14.80</u>	<u>118.40</u>
CHLORIDE	<u>15.5K</u>	@	<u>51.50</u>	<u>772.50</u>
ASC		@		

HANDLING	<u>320</u>	@	<u>100.00</u>
MILEAGE	<u>3K MT</u>	@	<u>150.00</u>
TOTAL			<u>6144.90</u>

SERVICE

DEPTH OF JOB	<u>341 ft</u>		
PUMP TRUCK CHARGE			<u>650.00</u>
EXTRA FOOTAGE	<u>10</u>	@	<u>5.00</u>
MILEAGE		@	<u>100.00</u>
MANIFOLD		@	<u>3.00</u>

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TOTAL 700.00

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PLUG & FLOAT EQUIPMENT

<u>Wooden plug</u>			<u>66.00</u>
	@		
	@		
	@		
	@		

CHARGE TO: Cherter Energy
STREET
CITY STATE ZIP

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment



CHARGE TO:	CHARTER ENERGY
ADDRESS	
CITY, STATE, ZIP CODE	

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TICKET	No 16491
PAGE	1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. HAMS	A-1	L.V.M.	STAFFORD	TX		08-20-09	
2. NESS	TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
	☒ SERVICE ☐ SALES		PESTOMARK #2	07	1E, 1M, 1/4 Seward		
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
	DIL	Develop	LONGSTRIKE	15-185-2551	54722 R13		
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		M		5.00	250	00	
578		1			Pump SERVICE	1		EA		1400.00	1400	00	
221		1			LIQUIDWCL	2		GAZ		25.00	50	00	
281		1			MWD FLUSH	500		GAZ		1.00	500	00	
290		1			DAIR	2		GAZ		35.00	70	00	
402		1			CENTRALIZER	5		EA	5 1/2 in	55.00	275	00	
403		1			CMT BASKET	1		EA	5 1/2 in	180.00	180	00	
406		1			LATCH DOWN PINS & BASKET	1		EA	5 1/2 in	225.00	225	00	
407		1			INSERT FRONT SHOE W/ANTIDRILL	1		EA	5 1/2 in	275.00	275	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: 08-20-09
TIME SIGNED: 1500
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	PAGE TOTAL	3225	00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	3550	23
WE UNDERSTOOD AND MET YOUR NEEDS?				sub TOTAL	6,775	23
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				STAFFORD TAX 6.3%	279	00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	7054	23
ARE YOU SATISFIED WITH OUR SERVICE?	☐ YES ☐ NO					
☐ CUSTOMER DID NOT WISH TO RESPOND						

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

SWIFT OPERATOR: DAVE BISH
APPROVAL: [Signature]

Thank You!

3,550.23

SWIFT Services, Inc.

DATE	PAGE NO
08-20-29	1

CUSTOMER CHARTER ENERGY	WELL NO. A-1	LEASE L.V.M	JOB TYPE LONGSTRING	TICKET NO. 16991
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[illegible]

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~~JAN 20 2010~~

KCC WICHITA

JOB COMPLETE

THANK YOU!
Dave Jones, R33