

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: James C. Musgrove  
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.: \_\_\_\_\_  
10-8-2009 10-14-2009 11-4-2009  
Spud Date or Date Reached TD (Completion Date or Recompletion Date)

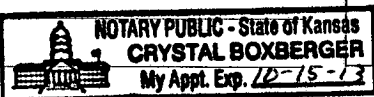
API No. 15 - 009-25349-00-00  
Spot Description: \_\_\_\_\_  
S/2 SW NE Sec. 7 Twp. 16 S. R. 13  East  West  
2310 Feet from  North /  South Line of Section  
1980 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Barton  
Lease Name: Cropp Well #: 1  
Field Name: Trapp  
Producing Formation: Arbuckle  
Elevation: Ground: 1921 Kelly Bushing: 1926  
Total Depth: 3666 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 410 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1609 Feet  
If Alternate II completion, cement circulated from: 1609  
feet depth to: surface w/ 160 sx cmt.

Drilling Fluid Management Plan Air I Nur 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: [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**

**RECEIVED**  
**JAN 27 2010**  
**KCC WICHITA**

Operator Name: Charter Energy, Inc. Lease Name: Cropp Well #: 1  
 Sec. 7 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 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, Sonic -  
Dual Induction

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	887	+1040
Heebner	3039	-1112
Lansing	3119	-1192
Arbuckle	3359	-1432

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	410	common	200	3%cc, 2% gel
Production	7 7/8	5 1/2	15.5	3437	EA-2	175sx	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1609 to 0	Swift Multi-density	160sx	

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	3362 - 3366	None	

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TUBING RECORD: Size: 2 7/8 Set At: 3344 Packer At: TAC @ 3312 Liner Run:  Yes  No

Date of First, Resumed Production, SWD or Enhr. Temp. complete - Waiting on SWD Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours: Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

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

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KCC WICHITA

Quality Oilwell Cementing Inc.

740 W WICHITA  
P.O. Box 32  
Russell, KS 67665

# Invoice

Date	Invoice #
10/12/2009	1989

<b>Bill To</b>
CHARTER ENERGY P.O. BOX 252 GREAT BEND KS 67530

P.O. No.	Terms	Project
	Net 30	

Item	Description	Qty	Rate	Amount
55	common	200	10.00	2,000.00T
58	GEL	4	17.00	68.00T
14	Calcium	7	42.00	294.00T
4	handling	211	2.00	422.00
5	MILEAGE CHARGE	1	300.00	300.00
23	8 5/8 wooden plug	1	69.00	69.00T
27	surface pipes 0-500ft	1	400.00	400.00
13	pump truck mileage charge	17	6.00	102.00
6	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	486	-1.00	-486.00T
6	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	245	-1.00	-245.00
	BARTON COUNTY LOCATION LEASE: CROPP WELL #1			

*CK# 2932  
10-20-09*

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KCC WICHITA

Thank you for your business. Dave	<b>Subtotal</b>	\$2,924.00
	<b>Sales Tax (6.3%)</b>	\$122.54
	<b>Total</b>	\$3,046.54
	<b>Payments/Credits</b>	\$0.00
	<b>Balance Due</b>	\$3,046.54

# QUALITY OILWELL CEMENTING, INC.

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

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

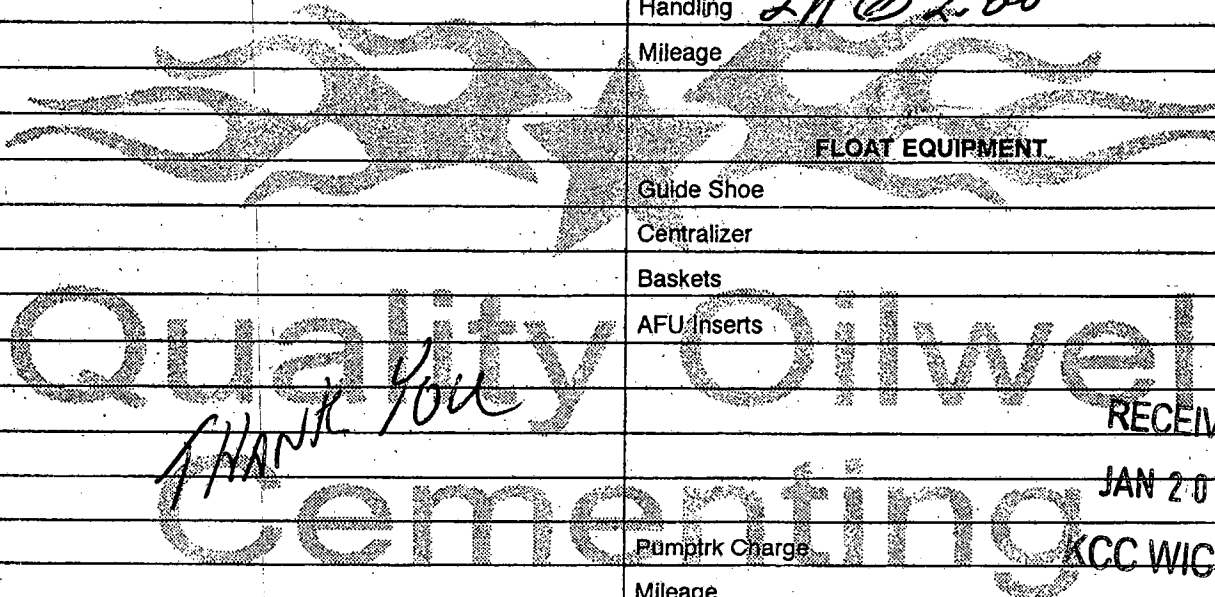
No. 3863

Date	10-19-09	Sec.	7	Twp.	16	Range	13	County	BARTON	State	KS	On Location		Finish	12:00AM
Lease	CROPP	Well No.	1	Location BOUNTY LINE TO RD 220 2 1/2 E											
Contractor	PETROMARK				Owner S INTO										
Type Job	SFC				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	12 1/4		T.D.	400'											
Csg.	8 5/8		Depth	404'											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	10-15'		Shoe Joint												
Meas Line			Displace	25.3											
													The above was done to satisfaction and supervision of owner agent or contractor.		

EQUIPMENT													Amount Ordered			200 Com 3 1/2 CC 2 1/2 GEL		
Pumptrk	5	No.	Cementer	JOE										Common	200 @ 10.00			
Bulktrk	4	No.	Driver	NEALE										Poz. Mix				
Bulktrk	PU	No.	Driver	MARTIN/TODD										Gel.	4 @ 17.00			
													Calcium	7 @ 42.00				

JOB SERVICES & REMARKS															
Remarks:															
Hulls															
Salt															
Flowseal															
Handling 211 @ 2.00															
Mileage															

FLOAT EQUIPMENT															
Guide Shoe															
Centralizer															
Baskets															
AFU Inserts															
Pumptrk Charge															
Mileage															
Tax															
Discount															
Total Charge															



THANK YOU

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KCC WICHITA

X Signature Shawn EPP



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

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 JAN 20 2010  
 KCC WICHITA

TICKET  
 No 16630


PAGE 1 OF 2

1. SERVICE LOCATIONS <b>HAYS</b>	WELL/PROJECT NO. <b>1</b>	LEASE <b>CROPP</b>	COUNTY/PARISH <b>BARTON</b>	STATE <b>KS</b>	CITY	DATE <b>10-15-09</b>	OWNER
2. <b>NESS</b>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <b>PEYROMARK DRL # 2</b>	SHIPPED VIA <b>ET</b>	DELIVERED TO <b>3211/401 Sinto, Susanna</b>	ORDER NO.	
3.	WELL TYPE <b>DIL</b>	WELL CATEGORY <b>Develop</b>	JOB PURPOSE <b>LONGSTRING</b>	WELL PERMIT NO. <b>15-009-25349</b>	WELL LOCATION <b>S7.716.013</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE #112	50	mi	5	00	250 00
578		1			Pump Service	1	EA	1400	00	1400 00
221		1			LIQUIDUCL	2	GAL	25	00	50 00
281		1			MWD FLUSH	500	GAL	1	00	500 00
290		1			DAIR	2	GAL	35	00	70 00
402		1			CENTRALIZER	3	EA	5 1/2	00	440 00
403		1			CMT BASKET	2	EA	5 1/2	00	360 00
404		1			PORT COLLAR	1	EA	5 1/2	00	1900 00
405		1			FORMATION PACKER SHOE	1	EA	5 1/2	00	1250 00
406		1			LATCH DOWN PLUG & BAFFLE	1	EA	5 1/2	00	225 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

X   
 DATE SIGNED: **10-15-09** TIME SIGNED: **07:00**  A.M.  P.M.

**REMIT PAYMENT TO:**

**SWIFT SERVICES, INC.**  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <b>P6-1</b>	<b>6445 00</b>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<b>P6-2</b>	<b>4357 25</b>
WE UNDERSTOOD AND MET YOUR NEEDS?				sub	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TOTAL	<b>10802 25</b>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Barton TAX 6.3%	<b>524 79</b>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	<b>11,327.04</b>
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 16630

CUSTOMER CHARTER ENERGY WELL 1, CROPP DATE 10-15-09 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT	
		LOC	RE	ACCT			TRF						
325		2				570 EA-2	200	54			11.00	2200	00
276		2				FLOCELL	50	23			1.50	75	00
283		2				SAET	1000	43			1.15	150	00
284		2				CAUSEAL	9	34			30.00	270	00
286		2				HALAD-1	140	43			6.00	840	00
581		2				SERVICE CHRG M7	200	54			1.50	300	00
523		2				DAMAGE	522.25	77			1.00	522	25
RECEIVED													
JAN 20 2010													
KCC WICHITA													
SERVICE CHARGE							CUBIC FEET						
MILEAGE CHARGE			TOTAL WEIGHT			LOADED MILES			TON MILES				

CONTINUATION TOTAL 4357.25

**JOB LOG**

**SWIFT Services, Inc.**

DATE 10-15-09 PAGE NO. 1

CUSTOMER CHARTER ENERGY WELL NO. 1 LEASE CROPP JOB TYPE LONGSTRING TICKET NO. 16630

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0700							ON LOCATION CMT: 200SKS EA-2 7 3/4" HMM RTD-3666 SET PIPE @ 3477 S.J. 22.0 INSET 3455 5 1/2" IS 5 1/4" NEW PORT CALUM W/TIP 43, 1109 FT CENT 1, 3, 5, 7, 9, 11, 42, 44 BARRELS 1, 43 P/R SHOE, W/ PLUG & BATTLE
	1000							START CS 6 IF FLOATED
	1145							BREAK CIRC 7 RIG
	1200							DROP BALL & SET P/R SHOE, CIRC 7 RIG
	1230							END CIRC
	1230		6					PLUS RH 3058
	1234	6.0	12		✓		200	MUD FLUSH SECCATS
			20		✓			MUD FLUSH
			40.5		✓			EA-2 CMT
								DROP L.O. PLUG, WASH OUT P.L.
	1247	6.5	0		✓		200	START D/S.
			40		✓		400	CMT ON BEY 77M
			70		✓		650	
			75		✓		750	
	1300	4.5	82.2		✓		1400	LAND PLUG RELEASE - DRY
	1400							JOB COMPLETE
								THANK YOU! DAVE, JOE & BOB ROE
								RECEIVED JAN 20 2010 KCC WICHITA



CHARGE TO: *Charter Energy*  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

RECEIVED  
 JAN 20 2010

TICKET  
 No 16761

PAGE 1 OF 1

KCC WICHITA

SERVICE LOCATIONS  
 1. *Hays Ks*  
 2. *Ness City Ks*  
 3.  
 4.

WELL/PROJECT NO: *#1*  
 LEASE: *Cropp*  
 COUNTY/PARISH: *Barton*  
 STATE: *Ks*  
 CITY: *KCC WICHITA*  
 DATE: *11-4-09*  
 OWNER: *Same*

TICKET TYPE:  SERVICE  SALES  
 CONTRACTOR: *PPS*  
 RIG NAME/NO.:  
 SHIPPED VIA: *CTT*  
 DELIVERED TO: *Location*  
 ORDER NO.:

WELL TYPE: *oil*  
 WELL CATEGORY: *Development*  
 JOB PURPOSE: *Port Collar*  
 WELL PERMIT NO.:  
 WELL LOCATION:

REFERRAL LOCATION:  
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
<i>575</i>		<i>1</i>			<i>MILEAGE #111</i>	<i>50</i>	<i>mi</i>	<i>5</i>	<i>00</i>	<i>250</i>
<i>576 D</i>		<i>1</i>			<i>Pump Charge Port Collar</i>	<i>1</i>	<i>yr</i>	<i>1609</i>	<i>00</i>	<i>1100</i>
<i>290</i>		<i>1</i>			<i>D-Air</i>	<i>2</i>	<i>gal</i>	<i>35</i>	<i>00</i>	<i>70</i>
<i>330</i>		<i>2</i>			<i>SMD Cement</i>	<i>160</i>	<i>sk</i>	<i>14</i>	<i>00</i>	<i>2240</i>
<i>276</i>		<i>2</i>			<i>Flocele</i>	<i>50</i>	<i>#</i>	<i>1</i>	<i>50</i>	<i>25</i>
<i>581</i>		<i>2</i>			<i>Cement Service Charge</i>	<i>200</i>	<i>sk</i>	<i>1</i>	<i>50</i>	<i>300</i>
<i>583</i>		<i>2</i>			<i>Drayage</i>	<i>494</i>	<i>TM</i>	<i>1</i>	<i>00</i>	<i>494</i>

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*  
 DATE SIGNED: *11-4-09*  
 TIME SIGNED: *1330*  
 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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<i>4529</i>
WE UNDERSTOOD AND MET YOUR NEEDS?				<del><i>4459</i></del>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				
Barton TAX 6.3%				<i>150 26</i>
TOTAL				<i>4079 26</i>



JOB LOG

SWIFT Services, Inc.

DATE 1/4/09 PAGE NO. 7

CUSTOMER Charter Energy WELL NO. #1 LEASE Cropp JOB TYPE Port Collar TICKET NO. 16761

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1150							on loc setup Trks
								2 7/8" x 5 1/2" P.C @ 1609'
	1210						500	Test Csg
								Open P.C.
	1220	4.5	0				400	Take inj rate
	1225	4.5	0				400	start Cement
			76				450	Raise weight/circ cement
			81/0				450	End cement/start Displacement
	1244		8.5				600	Cement Displaced
								close PC
	1247						800	Test Csg
	1250	3	5				100	rev out 5 bbl
								Run 5 joints
	1255	3	0				100	Reverse out
	1305		20					Hole clean
								Circ 25 sks to pit

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Thank you  
Nick Josh & Rob