

CONFIDENTIAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 175-21,239-00-00  
County Seward  
G. SE SE Sec. 19 Twp. 34 Rgs. 31 X <sup>E</sup> <sub>W</sub>

Operator: License # 30444  
Name: Charter Production Company  
Address 224 E. Douglas  
Suite 400  
City/State/Zip Wichita, KS 67202  
Purchaser: N/A

660  Feet from (S)N (circle one) Line of Section  
660  Feet from (E)W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Good "B" Well # 1  
Field Name Unnamed APR 3

Operator Contact Person: Robert Spurlock  
Phone (316) 264-2808  
Contractor: Name: Zenith Drilling Company  
License: 5141  
Wellsite Geologist: Robert Smith

Producing Formation --- **CONFIDENTIAL**  
Elevation: Ground 2716' KB 2726'  
Total Depth 6450' PBDT N/A  
Amount of Surface Pipe Set and Cemented at 1520' 34 joints Feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from N/A  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

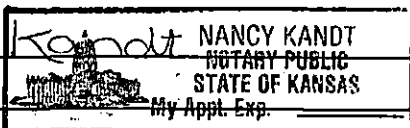
Drilling Fluid Management Plan A-2 Use A  
(Data must be collected from the Reserve Pit)  
Chloride content 3,300 ppm Fluid volume 5164 bbls  
Dewatering method used Evaporation & Deflocculation  
Location of fluid disposal if hauled offsite:  
Operator Name N/A **RELEASED**  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. APR 2 8 1994 <sup>E</sup> <sub>W</sub>  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

If Workover/Re-Entry: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back \_\_\_\_\_ PBDT  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
3/4/92 3/19/92 3/21/92  
Spud Date Date Reached TD Completion Date

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Robert Spurlock  
Title President Date 3/3/92  
Subscribed and sworn to before me this 3 day of April  
19 92.  
Notary Public Nancy Kandt  
Date Commission Expires 2/4/96  


K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
**APR 07 1992**  
 Distribution  
SWD/Plug \_\_\_\_\_ NGPA \_\_\_\_\_  
Other \_\_\_\_\_ (Specify)  
KANSAS CORPORATION COMMISSION  
Wichita, Kansas

Operator Name Charter Production Lease Name Good "B" Well # 1

Sec. 19 Twp. 34 Rge. 31  
 East  
 West

County Seward

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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.)

\*Cored 4840'-4900', recovered 60' of core.  
 List All E.Logs Run:

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See Attachment "A"

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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
Surface	12 1/4"	8 5/8"	23 #	1520'	CLC Hal Lite	535	
					CLC	150	

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					

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
N/A			

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
N/A				

Date of First, Resumed Production, SMD or Inj. \_\_\_\_\_ 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:  
 Vented  Sold  Used on Lease  
 (If vented, submit ACO-18.)

**METHOD OF COMPLETION**  
 Open Hole  Perf.  Dually-Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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DST RESULTS

- #1 - Tononto, 4388-4415, 30-60-60-60, straddle  
HP's: 2173-2132 BHT: 110  
IFP: 64-64 Bottom of bucket in 5 minutes  
FFP: 64-75 Bottom of bucket immediately  
SIP's: 1029-906  
Recovery: 1000' GIP  
120' Gas and oil cut mud (5% gas, 20% oil, 75% mud)
- #2 - Iola, 4823-4855, 30-60-60-90, straddle  
HP's: 2374-2349 BHT: 120  
IFP: 68-203 Bottom of bucket in 10 minutes  
FFP: 243-385 Bottom of bucket in 35 minutes  
SIP's: 1411-1398  
Recovery: 60' Oil cut muddy water (10% oil, 50% water, 40% mud)  
660' Salt water with 18,000 chlorides  
720' Total fluid
- #3 - Drum, 4860-4900, 30-60-60-90  
HP's: 2374-2349 BHT: 120  
IFP: 176-481 Bottom of bucket in 3 minutes  
FFP: 546-1008 Bottom of bucket in 4 minutes  
SIP's: 1436-1423  
Recovery: 1' Oil  
1800' Salt water with 24,000 chlorides  
1801' Total fluid
- #4 - Morrow Sand, 5745-5840, 30-30-30-30  
HP's: 2773-2748 BHT: 128  
IFP: 95-95, 1/4" Blow died in 25 minutes  
FFP: 95-95 No blow  
SIP's: 95-95  
Recovery: 20' Mud
- #5 - Morrow and Chester, 5848-5960, 30-60-60-90, straddle  
HP's: 2902-2851 BHT: 130  
IFP: 95-95 Bottom of bucket in 4 minutes  
FFP: 109-109 Bottom of bucket in 1 minute  
SIP's: 389-363  
Recovery: 800' Oderless gas  
125' Mud

RELEASED

APR 2 8 1994

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STATE CORPORATION COMMISSION

APR 0 7 1992

CONSERVATION DIVISION  
Wichita, Kansas

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ORIGINAL

FORMATION TOPS

	E-Log	Samples
Hollenberg	2647(+75)	2649
Chase	2668(+59)	2675
Council Grove	3057(-330)	3060
Heebner	4374(-1647)	4363
Toronto	4398(-1271)	4386
Lansing	4534(-1807)	4540
Iola	4838(-2111)	4837
Drum	4868(-2141)	4868
Swope	5004(-2277)	5011
B/KC	5156(-2409)	5144
Marmaton	5218(-2491)	5224
Novinger	5294(-2567)	5298
Cherokee	5375(-2648)	5383
Morrow Shale	5772(-3045)	5767
Chester	5901(-3174)	5901
St. Gen.	6209(-3482)	6200
St. Louis	6301(-3574)	6301

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APR 07 1992

CONSERVATION DIVISION  
Wichita, Kansas

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APR - 1 1992



HALLIBURTON SERVICES

APR 3

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

CONFIDENTIAL

INVOICE NO.	DATE
216348	03/20/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
GOOD "B" 1		SEWARD		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	ZENITH #1	PLUG TO ABANDON		03/20/1992	
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE #
155799	GREG SCOTT		CONFIDENTIAL	COMPANY TRUCK	315

ORIGINAL

CHARTER PRODUCTION  
224 E. DOUGLAS, SUITE 400  
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - EASTERN AREA 1</b>					
000-117	MILEAGE	15	MI	2.60	39.00
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR MUD	1550	FT	1,035.00	1,035.00
009-019	PLUGGING SK	1	UNT		
506-105	POZMIX A	54	SK	4.32	233.28
504-043	PREMIUM CEMENT	81	SK	7.94	643.14
506-121	HALLIBURTON-GEL 2%	2	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	5	SK	14.75	73.75
500-207	BULK SERVICE CHARGE	145	CFT	1.15	166.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	276.975	TMI	.80	221.58
INVOICE SUBTOTAL					2,412.50
DISCOUNT - (BID)					482.48
INVOICE BID AMOUNT					1,930.02
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,930.02

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APR 28 1994  
FROM CONFIDENTIAL

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STATE CORPORATION COMMISSION  
APR 07 1992  
CONSERVATION DIVISION  
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 5% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL



REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

MAR 13 1992

HALLIBURTON SERVICES

APR 3

CONFIDENTIAL

A Halliburton Company

INVOICE NO.	DATE
216390	03/05/1992

WELL/LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
GOOD "B" 1		SEWARD ORIGINAL		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		ZENITH #1	CEMENT SURFACE CASING		03/05/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
155799	GREG SCOTT			COMPANY TRUCK	30936

CONFIDENTIAL

CHARTER PRODUCTION  
224 E. DOUGLAS, SUITE 400  
WICHITA, KS 67202

RELEASED  
APR 2 8 1994

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - EASTERN AREA1</b>					
000-117	MILEAGE	14	MI	2.60	36.40
		1	UNT		
001-016	CEMENTING CASING	1521	FT	1,020.00	1,020.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
		1	EA		
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	216.00	216.00
825.217					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	30.00	30.00
815.19415					
40	CENTRALIZER 8-5/8" X 12.25"	3	EA	62.00	186.00
807.93059					
504-050	PREMIUM PLUS CEMENT	150	SK	8.19	1,228.50
504-120	HALL. LIGHT -PREMIUM PLUS	535	SK	7.35	3,932.25
507-210	FLOCELE	171	LB	1.30	222.30
509-406	ANHYDROUS CALCIUM CHLORIDE	12	SK	26.50	318.00
500-207	BULK SERVICE CHARGE	720	CFT	1.15	828.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	1452.802	TMI	.80	1,162.24
<b>INVOICE SUBTOTAL</b>					<b>9,480.69</b>
<b>DISCOUNT-(BID)</b>					<b>1,896.13-</b>
<b>INVOICE BID AMOUNT</b>					<b>7,584.56</b>
*-KANSAS STATE SALES TAX					286.42
*-SEWARD COUNTY SALES TAX					67.40
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$7,938.38</b>

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CORPORATION COMMISSION  
APR 07 1992  
CONSERVATION DIVISION  
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.