

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

NOV 15  
ORIGINAL  
CONFIDENTIAL

API NO. 15- 175-21,200-0000

County Seward

Sec. 22 Twp. 32S Rge. 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

Operator Contact Person: Robert C. Spurlock

Phone (316) 264-2808

Contractor: Name: Zenith Drilling

License: 5141

Wellsite Geologist: Robert W. Smith

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

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 \_\_\_\_\_ PBTB  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

10-1-91 10-14-91 10-15-91  
Spud Date Date Reached TD Completion Date

1980 Feet from S <sup>NE</sup> (circle one) Line of Section

1980 Feet from E <sup>SE</sup> (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Hill "A" Well # 1

Field Name Kismet

Producing Formation N/A

Elevation: Ground 2785' KB 2794'

Total Depth 6140' PBTB

Amount of Surface Pipe Set and Cemented at 1630 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan API-DFA  
(Data must be collected from the Reserve Pit)

Chloride content 2900 ppm Fluid volume 5379 bbls

Dewatering method used Evaporate and deflocculation

Location of fluid disposal if hauled offsite:

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. S Rng. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 C. Spurlock

Title President

DEC 08 1992  
Date 11-13-91

Subscribed and sworn to before me this 13th day of November 19 91

Notary Public Debra Raggio

Date Commission Expires \_\_\_\_\_

STATE OF KANSAS  
DEBRA RAGGIO  
Notary Public  
my Appl. Exp. 01/24/95

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
G  Geologist Report Received

RECEIVED  
STATE CORPORATION COMMISSION  
Distribution  
 SWD/Rep  NGPA  
 Plug  Other (Specify)

PI

Operator Name Charter Production Company Lease Name Hill "A" Well # 1

Sec. 22 Twp. 32S 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHED		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

List All E.Logs Run: Array Induction; Comp. Neutron;  
Comp. Photo-Den; Micro Resistivity; Wellsite  
Analysis

PLEASE KEEP 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"	16#	1630'	Premium Light PP	150 535	Anhy CC, Floccel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	N/A			
<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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
	N/A	

TUBING RECORD	Size <u>N/A</u>	Set At <u>SPR 8</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. <u>JAN 1 1980</u>	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

NOV 13

ORIGINAL

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FORMATION TOPS

	E-Log	Samples
Heebner Shale	4347(-1552)	4348
Lansing	4476(-1681)	4477
B/KC	5048(-2253)	5046
Marmaton	5104(-2309)	5118
Cherokee Shale	5226(-2431)	5226
Morrow Shale	5579(-2784)	5580
Chester	5667(-2872)	5667
St. Gen.	5834(-3039)	5828
St. Louis	5920(-3125)	5921
Spergen	6130(-3335)	6133

DST RESULTS

- #1 - Morrow, 5544-5607, 30-60-60-90  
 HP's: 2659-2668 BHT: 135  
 IFP: 145-396 Blow to bottom of bucket in 8 minutes  
 FFP: 407-802 Blow to bottom in 18 minutes  
 SIP's: 1859-1859  
 Recovery: 180' mud  
           1360' water (22,000 chlorides)  
           1540' total fluid
- #2 - Morrow/Chester, 5629-5698, 30-30-30-30  
 HP's: 2793-2710 BHT: 133  
 IFP: 67-67 1/2" Blow  
 FFP: 78-78 Surface blow  
 SIP's: 632-418  
 Recovery: 15' mud

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STATE CORPORATION COMMISSION

RELEASED

NOV 14 1991

DEC 08 1992

CONSERVATION DIVISION  
Wichita, Kansas

FROM CONFIDENTIAL



**ORIGINAL**

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

NOV 13

INVOICE NO.	DATE
142360	10/03/1991

CONFIDENTIAL

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
HILL "A" 1	SEWARD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	ZENITH #1	CEMENT SURFACE CASING	10/03/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
155799	GREG SCOTT		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	23399

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
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	22	MI	2.60	57.20
		1	UNT		
001-016	CEMENTING CASING	1630	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" MODEL S-4	3	EA	62.00	186.00
807.93059					
504-050	PREMIUM PLUS CEMENT	150	SK	7.08	1,062.00
504-120	HALL LIGHT - PREMIUM PLUS	535	SK	6.63	3,547.05
507-210	FLOCELE	171	LB	1.30	222.30
509-406	ANHYDROUS CALCIUM CHLORIDE	12	SK	26.25	315.00
500-207	BULK SERVICE CHARGE	720	CFT	1.15	828.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	1420.518	TMI	.80	1,136.41
INVOICE SUBTOTAL					8,920.96
DISCOUNT - (BID)					3,122.32
INVOICE BID AMOUNT					5,798.64
* - KANSAS STATE SALES TAX					216.68
* - SEWARD COUNTY SALES TAX					51.00
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$6,066.32

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NOV 14 1991

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.



INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company NOV 15

INVOICE NO. 186632 DATE 10/14/1991

WELL/LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HILL "A" 1		SEWARD		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		ZENITH #1	PLUG TO ABANDON		10/14/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
155799	GREG SCOTT			COMPANY TRUCK	24005

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
000-117	PRICING AREA - MID CONTINENT MILEAGE	26	MI	2.60	67.60
		1	UNT		
009-019	PLUGGING BK SPOT (CEMENT OR MUD)	3000	FT	1,125.00	1,125.00
		1	UNT		
504-043	PREMIUM CEMENT	141	SK	6.85	965.85
506-105	POZMIX A	94	SK	4.32	406.08
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	8	SK	14.75	118.00
500-207	BULK SERVICE CHARGE	251	CFT	1.15	288.65
500-306	MILEAGE CMTG MAT DEL OR RETURN	481.995	TMI	.80	385.60
INVOICE SUBTOTAL					3,356.78
DISCOUNT - (BID)					1,007.02-
INVOICE BID AMOUNT					2,349.76
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,349.76

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Wichita, Kansas

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