

SIDE ONE

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

API NO. 15- 185-22,646 • 0000

County Stafford

SE SE SE Sec. 26 Twp. 21 Rge. 12  East West

330 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Widener Well # 1

Field Name Spangenberg Widener

Producing Formation D & A

Elevation: Ground 1809 KB 1814

Total Depth 3630 PBTD

Operator: License # 9421

Name: Boger Brothers Drilling, Inc.

Address P. O. Box 723

Great Bend, KS 67530

City/State/Zip

Purchaser:

Operator Contact Person: Dale Smith

Phone ( 316 ) 792-8151

Contractor: Name: Company Tools

License:

Wellsite Geologist: J. C. Musgrove

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator:

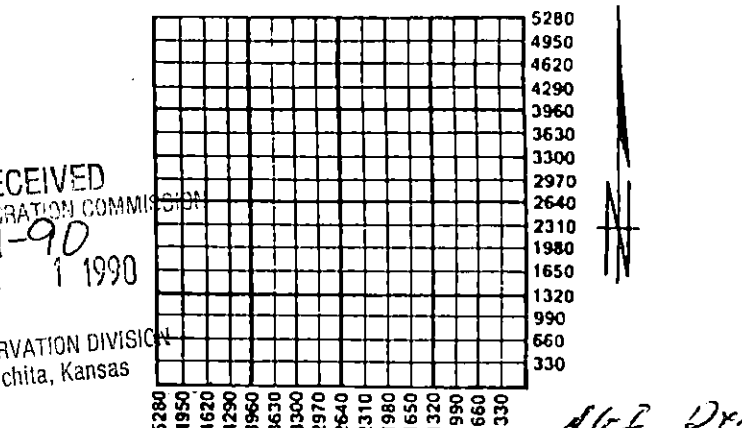
Well Name:

Comp. Date            Old Total Depth           

Drilling Method:

Mud Rotary  Air Rotary  Cable Keck

1-22-90 1-27-90 1-27-90  
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 265 Feet:

Multiple Stage Cementing Collar Used?  Yes  No

Yes, show depth set            Feet

If Alternate-II completion, cement circulated from           

feet depth to            w/            sx cmt.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Dale H. Smith

Title Drilling Superintendent Date 1-31-90

Subscribed and sworn to before me this 31st day of January, 19 90.

Notary Public Wendy L. Brackeen Wendy L. Brackeen

Date Commission Expires 2-23-93



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

X 01

SIDE TWO

Operator Name Boger Brothers Drilling, Inc. Lease Name Widener Well # 1  
 Sec. 26 Twp. 21 Rge. 12  East  West  
 County Stafford

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.)  
 3

Formation Description		
	<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample
Name	Top	Bottom
Heebner	3095	-1281
Toronto	3116	-1302
Douglas	3128	-1314
Brown Lime	3228	-1414
Lansing	3246	-1432
Base Kansas City	3484	-1670
Conglomerate	3506	-1692
Viola	3557	-1743
Simpson Shale	3578	-1764
Arbuckle	3623	-1809

**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		265	50-50poz	200	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

Date of First Production D & A	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

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

## Widener #1 DST Information

DST #1 - Tested 3558-3582'. 30-30-60-60. Weak strong blow.  
Recovered 240' gas, 10' mud, few specs oil. ISIP 45, FSIP 57,  
IFP 32-32, FFP 32-32.

DST #2 - 3578-3630'. Packer failed, misrun.

DST #3 - Tested 3563-3630'. 30-30-30-30". Blow weak intermittent  
on 1st open, no blow on 2nd open. Flushed tool on final blow.  
Recovered 65' mud, no show. ISIP 133, FSIP 109, IFP 58-58,  
FFP 60-74.

RECEIVED  
STATE CORPORATION COMMISSION

FEB 1 1990

CONSERVATION DIVISION  
Wichita, Kansas



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
090869	01/22/1990

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
WIDENER 1	STAFFORD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
GREAT BEND	COMPANY TOOLS	CEMENT SURFACE CASING	01/22/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.D. NUMBER
086707	DALE SMITH		
			SHIPPED VIA
			COMPANY TRUCK
			FILE NO.
			89264

BOGER BROTHERS DRILLING, INC.  
P O BOX 723  
GREAT BEND, KS 67530

DIRECT CORRESPONDENCE TO:  
SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	22	MI	2.20	48.40
		1	UNT		
001-016	CEMENTING CASING	264	FT	395.00	395.00
		1	UNT		
030-503	WOODEN PLUG	8 5/8	IN	59.00	59.00
		1	EA		
504-308	STANDARD CEMENT	100	SK	5.35	535.00
506-105	POZMIX A	100	SK	2.79	279.00
506-121	HALLIBURTON-GEL 2X	3	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-207	BULK SERVICE CHARGE	210	CFT	.95	199.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	192.90	TMI	.70	135.03
	INVOICE SUBTOTAL				1,782.18
	DISCOUNT-(BID)				320.78-
	INVOICE BID AMOUNT				1,461.40
	*-KANSAS STATE SALES TAX				44.59
	*-BARTON COUNTY SALES TAX				10.51
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$1,516.50

RECEIVED  
STATE COMMISSION  
FEE 1 1990  
CONSERVATION DIVISION  
Wichita, Kansas

Rm 1 24 90

D.S.

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.