

SIDE ONE

22630-0000

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

API NO. 15- 185-22-616630 / KCC/PZ  
County Stafford  
100' S 50' W of  
NE SW NW NE Sec. 4 Twp. 23 Rge. 14 East  West

Operator: License # 9421  
Name: Boger Brothers Drilling, Inc.  
Address P. O. Box 723

4355 Ft. North from Southeast Corner of Section  
2195 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

City/State/Zip Great Bend, KS 67530

Lease Name Snyder B Well # 1  
Field Name Woods  
Producing Formation Simpson

Purchaser: Clear Creek

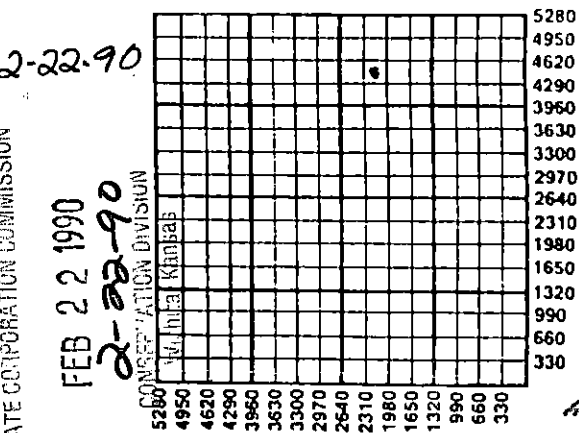
Elevation: Ground 1955 KB 1960

Operator Contact Person: Dale Smith

Total Depth 4040 PBDT

Phone ( 316 ) 792-8151

Contractor: Name: Company Tools



License:

Wellsite Geologist: Jim 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 OWD: old well info as follows:

Operator:  
Well Name:  
Comp. Date            Old Total Depth           

Drilling Methods:

Mud Rotary  Air Rotary  Cable

11-20-89 11-28-90 1-02-90  
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 427 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 cmf.

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.

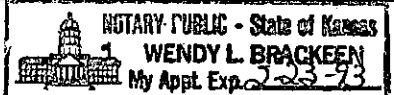
Signature Dale Smith  
Title Drilling Superintendent Date 1-31-90

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  
W  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



**SIDE TWO**

Operator Name Boger Brothers Drilling, Inc. Lease Name Snyder B Well # 1

Sec. 4 Twp. 23 Rge. 14  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 (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p align="center"><b>Formation Description</b></p> <p align="center"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>870</td><td>+1097</td></tr> <tr><td>Heebner</td><td>3393</td><td>-1426</td></tr> <tr><td>Toronto</td><td>3413</td><td>-1446</td></tr> <tr><td>Douglas</td><td>3432</td><td>-1465</td></tr> <tr><td>Brown Lime</td><td>3523</td><td>-1556</td></tr> <tr><td>Lansing</td><td>3536</td><td>-1569</td></tr> <tr><td>Base Kansas City</td><td>3763</td><td>-1796</td></tr> <tr><td>Conglomerate</td><td>3847</td><td>-1880</td></tr> <tr><td>Viola</td><td>3881</td><td>-1914</td></tr> <tr><td colspan="3">See Attached Page</td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	870	+1097	Heebner	3393	-1426	Toronto	3413	-1446	Douglas	3432	-1465	Brown Lime	3523	-1556	Lansing	3536	-1569	Base Kansas City	3763	-1796	Conglomerate	3847	-1880	Viola	3881	-1914	See Attached Page		
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**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	25#	427	50-50 poz	275	
Production	7 7/8	5 1/2	15.5	4036	50-50 poz	125	18% salt 75% haled

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
4	3940-3950	1000 28% DSFe
4	3935-3945	5000# KCL, 30gal NE 19 900 # gel 24,000# 20-40 Sand 15,000 12/20 sand 30,000 gal. water

**TUBING RECORD** Size 2 7/8 Set At 3965 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production <u>1-15-90</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" 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
	4				8			34

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 \_\_\_\_\_

# BULK MATERIALS DELIVERY AND TICKET CONTINUATION



FOR INVOICE AND  
TICKET NO. **851350**

DATE <b>11-28-89</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>Snyder B-1</b>	COUNTY <b>Stafford</b>	STATE <b>Ks.</b>
CHARGE TO <b>Beger D others Drlg. Inc.</b>		OWNER <b>Same</b>	CONTRACTOR <b>Co. Tools</b>	
MAILING ADDRESS		DELIVERED FROM <b>Great Bend, Ks.</b>	LOCATION CODE <b>50320</b>	PREPARED BY <b>B.J. Folk</b>
CITY & STATE		DELIVERED TO <b>Location</b>	TRUCK NO. <b>0977-6660</b>	RECEIVED BY <b>Jerry Bennett</b>
			No. <b>B 879006</b>	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				<sup>125</sup> 50/50 Pozmix Cement							
504-308	516.00261	1	b	Standard Cement	63	sk.			5.35	337.05	
506-105	516.00286	1	b	Pozmix A	62	sk.			2.79	172.98	
509-968	516.00315	1	b	Salt blended 18%/125	1100	lbs.			.052	57.20	
507-775	516.00144	1	b	Halad-322 .75%/125	79	lbs.			5.50	434.50	
508-291	70.15573	1	b	Gilsonite blended 5%/75	400	lbs.			.35	140.00	
509-968	516.00158	1	b	Salt not mixed	400	lbs.			.052	20.80	
				Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES		
				SERVICE CHARGE ON MATERIALS RETURNED					CU. FEET		
500-807		1	b	SERVICE CHARGE					CU. FEET		
500-306		1	b	Mileage Charge	12,689	EIGHT	24	LOADED MILES	TON MILES		
No. <b>B 879006</b>							CARRY FORWARD TO INVOICE		SUB-TOTAL		1,415.42

THIS IS NOT AN INVOICE



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
851346	11/20/1989

WELL LEASE NO./PLANT NAME		STATE	WELL/PLANT OWNER	
SNYDER B-1		KS	SAME	
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE
GREAT BEND	COMPANY TOOLS	CEMENT SURFACE CASING		11/20/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA
086707	DALE SMITH			COMPANY TRUCK
				86196

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
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	24	MI	2.20	52.80
		1	UNT		
001-016	CEMENTING CASING	427	FT	445.80	445.80
		1	UNT		
030-503	WOODEN PLUG	8 5/8	IN	58.00	58.00
		1	BA		
504-308	STANDARD CEMENT	138	SK	5.35	738.30
506-105	POZMIX A	137	SK	2.79	382.23
506-121	HALLIBURTON-GEL 2X	5	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	7	SK	25.75	180.25
500-207	BULK SERVICE CHARGE	289	CFT	.95	274.55
500-306	MILEAGE CMTG MAT DEL OR RETURN	289.46	TMI	.70	202.62
<b>INVOICE SUBTOTAL</b>					<b>2,334.55</b>
<b>DISCOUNT-(BID)</b>					<b>420.19-</b>
<b>INVOICE BID AMOUNT</b>					<b>1,914.36</b>
<b>*-KANSAS STATE SALES TAX</b>					<b>61.96</b>
<b>*-BARTON COUNTY SALES TAX</b>					<b>14.57</b>
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$1,990.89</b>

2111 = 787

FEB 23 1990

DS.

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.

## Formation Description Continued

Simpson Shale	3920	-1953
Simpson Sand	3934	-1967
Arbuckle	3987	-2020
Total Depth	4040	-2073

## DST Information:

DST #1 - Tested 3650-3670'. IF 30, FF 5. Blow weak decreasing, flush tool 15 minutes. Recovered 75' mud, 5' oil cut mud. ISIP --, FSIP 130, IFP --, FFP 57-65, HSH 1850-1827 psi.

DST #2 - Tested 3670-3748'. 45-45-45-45". Blow fair to strong. Recovered 400' water with few oil spots on top. ISIP 1007, FSIP 933, IFP 100-133, FFP 175-217, HSH 1824-1809 psi.

DST #3 - Tested 3882-3922'. 45-45-45-45". Blow strong, gas to surface in 30 minutes. Recovered 15' mud. ISIP 972, FSIP 948, IFP 40-40, FFP 48-48, HSH 1884-1867 psi.

DST #4 - Tested 3916-3960'. 30-30-10-10". Blow weak, Recovered 20' mud with few oil specks. ISIP --, FSIP 57, IFP 40-40, FFP 48-48, HSH 2025-2011 psi.

RECEIVED  
STATE CORPORATION COMMISSION

FEB 22 1990

CONSERVATION DIVISION  
Wichita, Kansas