

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9421  
name Boger Brothers Drilling, Inc.  
address P.O. Box 723  
Great Bend, KS. 67530  
City/State/Zip

Operator Contact Person Dale Smith  
Phone 316-792-8151

Contractor: license # 9421  
name Boger Brothers Drilling, Inc.

Wellsite Geologist James C. Musgrove  
Phone 316-792-2177

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

9-11-89 9-18-89 10-03-89  
Spud Date Date Reached TD Completion Date  
4120'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 446 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt

A/I

API NO. 15-145-21,304-0600

County Pawnee

SE NE NE Sec. 24 Twp. 23 Rge. 15 W West  
(location)

4290 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

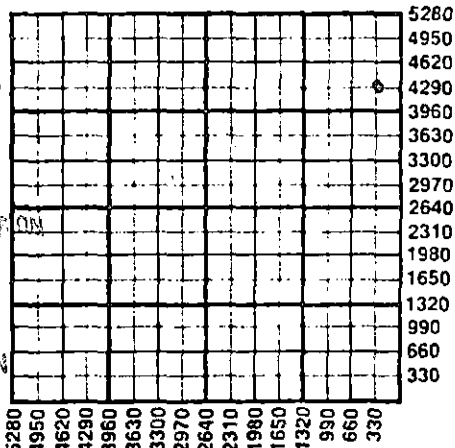
Lease Name Johnson Well# 1

Field Name Green Ridge NW

Producing Formation Lansing-Kansas City

Elevation: Ground 1982 KB 1987

Section Plat



12-11-89  
RECEIVED  
STATE CORPORATION COMMISSION  
OCT 11 1989  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T.89-394

Groundwater 4290 Ft North From Southeast Corner and  
(Well) 330 Ft. West From Southeast Corner of  
Sec 24 Twp 23 Rge 15  East  West

Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain)  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. 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 Dale Smith  
Title Drilling Superintendent Date 12-08-89

Subscribed and sworn to before me this 8th day of December 19 89

Notary Public 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)

Form ACO-1  
(This form supercedes previous forms ACO-1 & C-10)

P1

Operator Name Roger Brothers Drilg. Lease Name Johnson Well# 1 SEC. 24 TWP. 23 RGE. 15  East  West

WELL LOG

**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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 - Tested 3754-3820'. 45-45-45-45"  
 Strong blow. Recovered 480' gas in pipe, 40' oil cut gassy mud, 60' heavy oil cut gassy mud, 180' muddy gassy oil. ISIP 916, FSIP 958, IFP 42-67, FFP 109-134, HSH 1847-1831 psi.

DST #2 - Tested 3906-4036'. 45-45-60-60"  
 Strong blow, gas to surface 20 min. into 1st shut in. Gas gauged 10,700 cfcpd and stabilized. Recovered 135' mud. ISIP 1102, FSIP 1177, IFP 109-109, FFP 126-143, HSH 1989-1971.

Name	Top	Bottom
Anhydrite	910	+1077
Heebner	3466	-1479
Toronto	3487	-1500
Douglas	3505	-1558
Brown Lime	3601	-1614
Lansing	3613	-1626
Base Kansas City	3846	-1859
Conglomerate	3906	-1919
Conglomerate Sand	3961	-1974
Viola	4001	-2014
Simpson Shale	4033	-2046
Simpson Sand	4061	-2074
Arbuckle	4084	-2097
Rotary Total Depth	4120	-2133

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	446	50-50poz	285	2%gel/3% c.c.
Production	7.7/8	5 1/2	14	4119	Howcolite	150	18% salt
					40-60poz	150/75halad	10#gilsonite

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record  Local

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	3774-3776	1000 CHA. 20% FE	
4	3780-3785	1000 CHA. 20% FE	
4	3805-3808	1000 CHA. 20% FE	

TUBING RECORD

size 2 7/8 set at 4075 packer at Liner Run  Yes  No

Date of First Production	Producing method	Oil	Gas	Water	Gas-Oil Ratio	Gravity
10-07-89	<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)	12		36		24
Estimated Production Per 24 Hours		Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas:  vented  open hole  perforation  other (specify) 3774-3808  
 sold  other (specify) 3774-3808  
 used on lease  Dually Completed.  Commingled