

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  
address P.O. Box 723

City/State/Zip Great Bend, Kansas 67530

Operator Contact Person Mark Boger  
Phone 316-792-8151

Contractor: license # 9421  
name Company Tools

Wellsite Geologist Steve Mitchell  
Phone 316-792-8151

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 Westech  
Well Name Clark #1  
Comp. Date 8/83 Old Total Depth 3440

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
9-3-85 9-5-85 9-12-85  
Spud Date Date Reached TD Completion Date  
3994  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 876 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

API NO. 15-009-23,231-A

County Barton

15' N&W OF NW-NW-NW Sec 19 Twp 20 Rge 14  East  West

4950 Ft North from Southeast Corner of Section  
4900 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

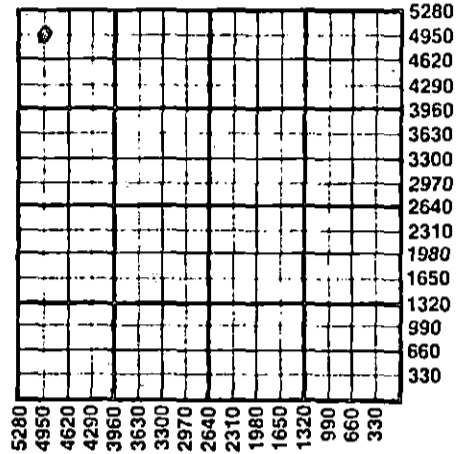
Lease Name Clarke Well# 2-19

Field Name Unruh

Producing Formation SWDW

Elevation: Ground 1907 KB 1912

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #

Groundwater 400 Ft North From Southeast Corner and (Well) 400 Ft West From Southeast Corner of Sec 13 Twp 20 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) existing well (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.

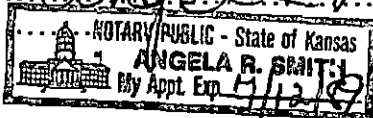
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 *Mark P Boger*  
Title President Date 9-10-85

Subscribed and sworn to before me this 12th day of Sept 1985

Notary Public *Angela R Smith*  
Date Commission Expires



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)

SEP 16 1985

Operator Name Boger Bros. Drilling Lease Name Clarke Well# 2-19 SEC 19 TWP. 20 RGE. 14  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

OLD WELL WORKOVER

Name	Top	Bottom
HEEBNER	3206	-1294
TORONTO	3224	-1312
DOUGLAS	3239	-1327
IATAN	3305	-1393
LANSING	3312	-1400
BASE K.C.	3534	-1622
CONGLOMERATE	3547	-1635
ARBUCKLE	3581	-1669

**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 Disposal	12 1/4 7 7/8	8 5/8 5 1/2	NA 14	876 3713	NA 50/50 poz	NA 150	NA 2% gel., 18% salt

**PERFORATION RECORD**

shots per foot specify footage of each interval perforated

**Acid, Fracture, Shot, Cement Squeeze Record**

(amount and kind of material used)

Depth

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth

**TUBING RECORD**

size 3" set at 3680 packer at 3670 Liner Run  Yes  No

Date of First Production  
SWDW

Producing method  flowing  pumping  gas lift  Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
SWDW	Bbls	MCF	Bbls	CFPB	

**METHOD OF COMPLETION**

**PRODUCTION INTERVAL**

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