

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL 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, Ks 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 George R. Jones
 Well Name #1 Habiger
 Comp. Date 4-25-85 Old Total Depth 3601

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

8-13-85 8-15-85 8-27-85
 Spud Date Date Reached TD Completion Date
3700'
 Total Depth PBD

Amount of Surface Pipe Set and Cemented at 888 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 - 009-21,903A

County Barton

C SW SE Sec 19 Twp 20 Rge 14 ☐ East ☒ West
 (location)

660' Ft North from Southeast Corner of Section
1980' Ft West from Southeast Corner of Section
 (Note: locate well in section plat below)

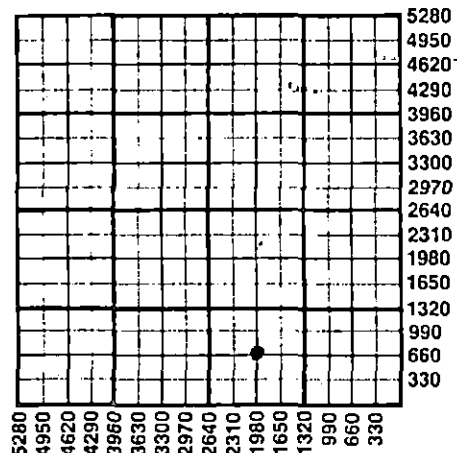
Lease Name V. Habiger Well# 1-19

Field Name Unruh

Producing Formation Arbuckle

Elevation: Ground 1903' KB 1908'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T85-730

☐ Groundwater Ft North From Southeast Corner and
 (Well) Ft. West From Southeast Corner of
 Sec Twp Rge ☐ 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 # CD 118214 (C-21526)

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 Marlene E. Boger

Title President Date 10-1-85

Subscribed and sworn to before me this Oct day of 1985

Notary Public Angela R. Smith

Date Commission Expires My Appt. Exp. 4/12/89



K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
 C ☒ Wireline Log Received
 C ☐ Drillers Timelog Received

☒ KCC ☒ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other
 (Specify)

RECEIVED
 STATE CORPORATION COMMISSION

OCT 3 1985

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

CONSERVATION DIVISION
 Wichita, Kansas

Sec. 19, Twp. 20, Rge. 14

Operator Name Boger Bros. Drlg Lease Name V. Habiger Well# 1-19 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
Samples Sent to Geological Survey
Cores Taken

☒ Yes ☐ No
☐ Yes ☒ No
☐ Yes ☒ No

Formation Description
☐ Log ☐ Sample

Name Top Bottom

DST #1: Arbuckle, 3603-3635', 30"-30"-30"-30".

BLOW: Gas to surface .5", fluid to surface 24"

Gas Guaged 10" $\frac{1}{4}$ " orifice 14,300CFPD, 15" $\frac{1}{4}$ "
orifice 27,000' CFPD, 20" $\frac{1}{4}$ " orifice, 29,000,
24"

2nd Open: Fluid to surface 10"

RECOVERY: 1490' gas in pipe, 330' oil cut water,
1825' gassy salt water

Old Well Workover

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 Production	N/A 7 7/8	8 5/8 5 1/2	N/A 14	888 3689	N/A 60/40 poz	N/A 150	N/A 2% 3%

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

2	3621-23	3576-78	Natural	

TUBING RECORD

size 2 7/8 set at 3650 packer at

Liner Run ☐ Yes ☒ No

Date of First Production

Producing method

☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	41 Bbls	MCF	320 Bbls	CFPB	

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: ☐ vented
☐ sold
☒ used on lease

☐ open hole ☒ perforation
☐ other (specify)

☐ Dually Completed.
☐ Commingl

3621-23

3576-78