

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
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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
8-6-85 8-11-85 9-6-85
Spud Date Date Reached TD Completion Date

3700'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 881 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- 009-24,022-0000

County Barton

NE NW SW Sec 19 Twp 20 Rge 14 East West

2310' Ft North from Southeast Corner of Section
4290' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

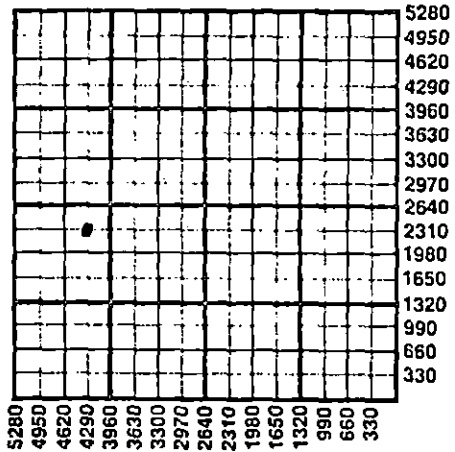
Lease Name Smith Well# 1-19

Field Name Unruh

Producing Formation Arbuckle

Elevation: Ground 1913' KB 1981'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

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) Existing well (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 Marvin L Boger
Title President Date 9-24-85

Subscribed and sworn to before me this 24th 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
RECEIVED
STATE CORPORATION COMMISSION

Form ACO-1 SEP 30 1985
(This form supersedes previous forms ACO-1 & C-10)
CONSERVATION DIVISION
Wichita, Kansas

9-30-85

Sec. 19 Twp. 20 Rge. 14

Operator Name Boger Bros. Drlg Lease Name Smith 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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1: Arbuckle, 3597-3608', Misrun.
 DST #2: Arbuckle, 3603-3608', 30"-30"-30"-30",
 I.F.-Gas to surface 9"
 F.F.-Gas to surface, Gas Guaged 10"
 138,000 cfcpd, 20" 138,000 cfcpd, 30"
 138,000 cfcpd. 2nd open 10" 107,000 cfcpd,
 20" 107,000 cfcpd, 30" 107,000 cfcpd.
 RECOVERY: 210' gassy oil, 30' heavy oil & gas cut
 muddy water, 350' salt water
 PRESSURES: IHP:1857# FHP:1797# IFP:230-202# FFP:
 230-258# ISIP:1139# FSIP:1119# T: 108
 DST #3: Arbuckle, 3618-3640' 30"-30"-30"-30".
 I.F. GAS to surface 2", oil to surface 18"
 guaged 10" 350,000 cfcpd
 F.F.-GAS to surface to small to measure
 RECOVERY: 496' clean oil, 1984' salt water
 PRESSURES: IHP:1822# FHP:1710# IFP:657-801# FFP:
 826-1061# ISIP:1164# FSIP: 1164#

Name	Top	Bottom
HEEBNER	3214' (-1296)	
TORONTO	3233' (-1315)	
DOUGLAS	3247' (-1329)	
IATAN	3314' (-1396)	
LANSING	3325' (-1407)	
BASE K.C.	3539' (-1621)	
SIMPSON	3551' (-1633)	
ARBUCKLE	3602' (-1684)	

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	23	881	50/50 poz	400	2% gel 3% cc
Production	7 7/8	5 1/2	14	3693	60/40	150	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	3622-24, 3629-31, 3639-41	Natural	

TUBING RECORD

size 2 7/8 set at 3610 packer at

Liner Run Yes No

Date of First Production

Producing method

flowing pumping gas lift Other (explain)

Estimated Production Per 24 Hours

Oil 38

Gas

MCF

Water

1900

Bbls

Gas-Oil Ratio

CFPB

Gravity

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: vented
 sold
 used on lease

open hole perforation
 other (specify)

3622-24
 3639-41

Dually Completed.
 Commingled