

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 Boger Brothers Drilling, Inc.

Wellsite Geologist Wesley W. Lilley
Phone 303/534-5945

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

3/20/86 3/25/86 3/25/86
Spud Date Date Reached TD Completion Date

3465' PBT
Total Depth

Amount of Surface Pipe Set and Cemented at 218' 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. 15 159-22,144-0000

County Rice

SE SW SE Sec 6 Twp 20 Rge 8 East West

330 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

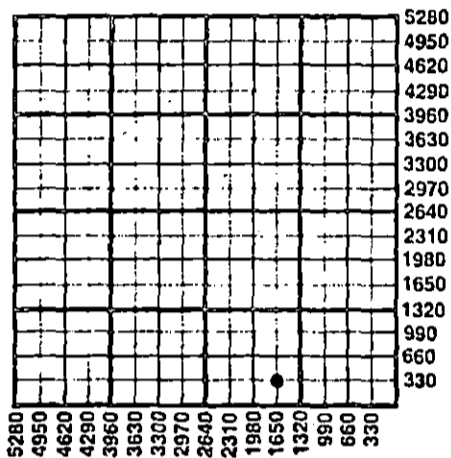
Lease Name SMITH-RICHARDSON Well# 1

Field Name Lyons West

Producing Formation D/A

Elevation: Ground 1682' KB 1687'

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) (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.

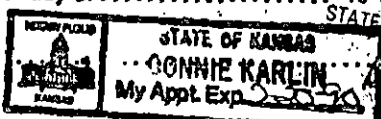
All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature *Del L. Smith* Date 4-17-86

Title Vice Pres./Drilling Super. Date 4/15/86

Subscribed and sworn to before me this 15th day of April 19 86

Notary Public *Connie Karlin*
Date Commission Expires 2/20/90



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)

RECORDED
APR 17 1986
CONSERVATION DIVISION
Wichita, Kansas

Operator Name **Boger Bros. Drilling, Inc.** Lease Name **Smith-Richardson** Well# **1. SEC. 6... TWP. 20... RGE... 8...** 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

Name	Top	Bottom
HEEBNER	2726	(-1039)
BROWN LIME	2863	(-1176)
LANSING	2899	(-1212)
BKC	3182	(-1495)
KINDERHOOK SAND	3220	(-1533)
MAQUOKETA	3322	(-1635)
VIOLA	3364	(-1677)
MARSHALL ZONE	3412	(-1725)
SIMPSON SHALE	3418	(-1731)
SIMPSON SAND	3423	(-1736)
RTD	3465	(-1778)

DST #1 - 3218-3280' KINDERHOOK. 10-30-60-60
 Rec. 225' gas in pipe, 15' mud w/min. show of oil. HIP: 1578 FHP: 1578 IFP: 41-31 FFP: 31-31
 ISIP: 250 FSIP: 145 (Pkr. leaked approx. 20 min. into FSI)

DST #2 - 3400-3450' 30-30-45-45
 Rec. 30' mud w/scum of oil on grindout
 IHP: 1661 FHP: 1672 IRP: 31-31 FFP: 31-31
 ISIP: 229 FSIP: 166

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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#	218	50-50 Poz	125 sx.	2% gel, 3% C.C.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at			

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

METHOD OF COMPLETION
 open hole perforation
 other (specify) _____
 Dualy Ca _____
 Comm _____

Disposition of gas: vented sold used on use

PRODUCTION INTERVAL

