

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9421
 name Boger Brothers Drilling Inc.
 address 3111 West 10th
 City/State/Zip Great Bend, KS 67530

Operator Contact Person Steve Mitchell
 Phone 316-792-8151

Contractor: license # 9421
 name Boger Brothers Drilling Inc.

Wellsite Geologist Jim Musgrove
 Phone 792-1383

Designate Type of Completion

☐ New Well ☐ Re-Entry ☐ Workover

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

If WO: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

1-31-87 2-5-87 2-6-87
 Spud Date Date Reached TD Completion Date

4152
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 311 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 - 171-40,350

County Scott

SW NE SE Sec. 19 Twp. 17 Rge 31 XX West
 (location)

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

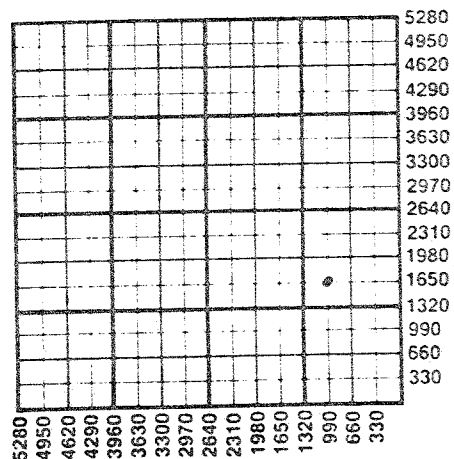
Lease Name See Well# 1-19

Field Name

Producing Formation D & A

Elevation: Ground 2952' KB 2957'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater 1650 Ft North From Southeast Corner and
 1090 Ft. West From Southeast Corner of
 (Well)

Sec 19 Twp 17 Rge 31 ☐ 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.

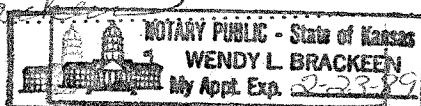
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 L. Smith
 Title Vice-President
 Date 3-04-87

Subscribed and sworn to before me this 4th day of March 19 87

Notary Public Wendy L. Brackeen
 State Commission Expires 2-23-89



K.C.C. OFFICE USE ONLY	
F	☐ Letter of Confidentiality Attached
C	☒ Wireline Log Received
C	☐ Drillers Time Log Received
RECEIVED DISTRIBUTION	
☐ KCC STATE	☐ SWD/Rep
☒ KGS	☐ Plug
	☐ NGPA
	☐ Other (Specify)
MAR 1987	
CONSERVATION DIVISION WICHITA, KANSAS	

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

Sec. 17 Twp. 17 Rge. 31

erator Name Boger Brothers Drilling Lease Name SEE Well# 1-19SEC 19 TWP. 17 RGE. 31 ☐ East ☒ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests including 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 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

NO DRILL STEM TESTS TAKEN

Formation Description
☐ Log ☐ Sample

Name	Top	Bottom
ANHYDRITE	2266'	(+691)
HEEBNER	3922'	(-965)
TORONTO	3922'	(-990)
LANSING	3961'	(-1004)
"B" ZONE	3998'	(-1041)
"E" ZONE	4049'	(-1092)

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 $\frac{1}{4}$	8-5/8	20	311	50-50poz	195	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

size set at packer at

Liner Run ☐ Yes ☐ No

Date of First Production

Producing method

☐ flowing ☐ pumping ☐ gas lift ☐ Other (explain)Estimated Production
Per 24 HoursOil
D & A

Bbls

Gas

MCF

Water

Bbls

Gas-Oil Ratio

CFPB

Gravity

METHOD OF COMPLETION

PRODUCTION INTERVAL

Position of gas: ☐ vented
☐ sold
☐ used on lease

☐ open hole ☐ perforation
☐ other (specify)

☐ Dually Completed.
☐ Commingled

Boger Brothers Drilling Inc.
See 1-19
SW-NE-SE, Sec. 19-17S-31W

X

DRY & ABANDONED

CONTRACTOR: Company Tools (Rig #1)
COMMENCED: 1-31-87
COMPLETED: 2-6-87
CASING PROGRAMS: Surface: 8 5/8" @311
Production: None
MEASUREMENTS: All depths measured from the Kelly Bushing.
SAMPLES: Samples saved 3700 to the R.T.D.
DRILLING TIME: One (1) foot drilling time recorded by geolograph 3700 to R.T.D.
FORMATION TESTING: None
ELECTRIC LOG: By Welex Radiation Guard Sidewall Neutron Log and Computed analyzed log.

<u>FORMATION</u>	<u>SAMPLE DEPTH</u>	<u>SUB-SEA DATUM</u>
Anhydrite:	2266	+ 691
Heebner	3922	- 965
Toronto	3922	- 990
Lansing	3961	-1004
'B' Zone	3998	-1041
'E' Zone	4049	-1092
Log Total Depth	4158	-1201

(All samples are corrected to Electric Log Measurements.)

SAMPLES ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.TOPEKA SECTION

3822-3826	Limestone, beige, slightly chalky, poorly developed oocastic porosity, no shows.
3828-3836	Limestone, as immediately above, fair to good porosity, no shows.
3840-3844	Limestone, as above, shalky, no shows.
3868-3876	Limestone, brown, granular, poor visible porosity, no shows.
3887-3920	Limestone, buff to beige, slightly suc-rosic, scattered vugular type of porosity, questionable brown stain at base, no show of free oil or odor in fresh samples.

TORONTO SECTION

3947-3957	Limestone, white, finely crystalline, cherty increasingly chalky, poor visible porosity, trace white chert at base, no shows.
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LANSING SECTION

3961-3968	Limestone, buff to cream, slightly fossiliferous, cherty in part, dense, no shows.
3970-3980	Limestone, as above, abundant gray to white fossiliferous opaque chert, no shows.

Boger Brothers Drilling Inc.
See 1-19
SW-NE-SE, Sec. 19-17S-31W
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'B' Zone
3998-4006

Limestone, tan to beige finely crystalline, slightly fossiliferous, scattered vugular to inter-crystalline porosity, slightly cherty, no shows.

4013-4026

Limestone, white to cream, finely crystalline, fossiliferous, cherty in part, calcite overgrowth in porosity, no shows.

'E' Zone
4045-4056

Limestone, tan, fossiliferous, predominately oolitic, chalky, poor visible porosity, few pieces scattered porosity, no shows.

4065-4074

Limestone, buff to gray, scattered pyrite inclusions, no shows.

4077-4100

Limestone, white fossiliferous cherty plus abundant oolitic to gray speckled opaque chert, plus limestone white chalky, scattered intercrystalline to sub-oocastic porosity, no shows.

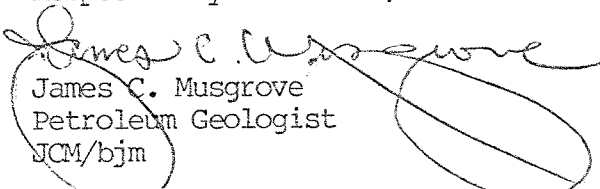
4155-4127

Limestone, gray, slightly cherty, scattered porosity, plus white to tan oocastic limestone, no shows.

LOG TOTAL DEPTH 4158 (-1201)

RECOMMENDATION: On the basis of the low structural position and there being no other zones worthy of any further testing it was recommended that the See 1-19, be plugged and abandoned at the L.T.D. 4158 (-1201).

Respectfully submitted;


James C. Musgrove
Petroleum Geologist
JCM/bjm