

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

DESCRIPTION OF WELL AND LOCATION

Operator: license # 9421
name BOGER BROTHERS DRILLING, INC.
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 Boger Brothers Drilling, Inc.

Wellsite Geologist Steven R. 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

1/26/86 1/31/86 1/31/86
Spud Date Date Reached TD Completion Date

3550'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 410' 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

AP. No. 15-009-24,147
County BARTON
SE SE SE Sec 19 Twp 16 Rge 14 East West

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

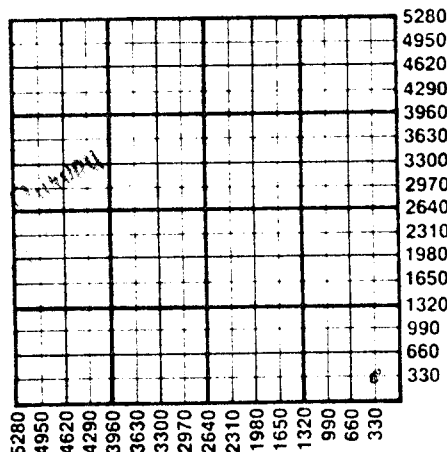
Well Name Haines Well# 1-19

Well Name Herman Pool

Producing Formation D & A

Elevation: Ground 1945' KB 1950'

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 4290 Ft North From Southeast Corner and (Stream, Pond etc.) 1350 Ft West From Southeast Corner POND Sec 19 Twp 16 Rge 14 East West

Other (explain)

KS(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 confidentiality in excess of 12 months.

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 abandoned wells.

710634

Sit.

Operator Name Boger Bros. Drilling, Inc. Lease Name HALL Well# 1-19 SEC 19 WP 16 RGE 14 We We

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
ANHYDRITE	949' (+1001)	
TOPEKA	2889' (-939)	
HEEBNER	3122' (-1172)	
TORONTO	3140' (-1190)	
DOUGLAS	3156' (-1206)	
LANSING	3190' (-1240)	
BASE K.C.	3422' (-1472)	
EROS. ARB.	3429' (-1479)	
ARBUCKLE.	3454' (-1504)	

DST #1 - 3359'-3415', Lansing, 30"-30"-2"-0"
 BLOW: I.F. - Weak; died in 18", Flushed tool, no help, F.F. - No Blow.
 RECOVERY: 6' mud
 PRESSURES: IHP: 1627# FHP: 1617# IFP: 31-31# FF): 31-31# ISIP: 36# T: 105°F

DST #2 - 3418'-3447', Reworked Arbuckle, 20"-30"-3"-0"
 BLOW: I.F. - Weak, died in 12", flushed tool, no help. F.F. - No Blow
 RECOVERY: 5' Mud
 PRESSURES: IHP: 1638# FHP: 1627# IFP: 52-57# FFP: 62-62# ISIP: 114# T: 107°F

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"	20#	410'	50/50 Poz	200	2% gel, 3% cc

PERFORATION RECORD

shots per foot	specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)	Depth

D.I.T