

Incl

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

API NO. 15 - 195 21881

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

County Trego

DESCRIPTION OF WELL AND LEASE

SW NW SE Sec 35 Twp 13 Rge 21 East West
(location)

Operator: license # 9421
name Boger Brothers Drilling, Inc.
address P.O. Box 723
Great Bend Kansas 67530
City/State/Zip Great Bend, Kansas 67530

1650... Ft North from Southeast Corner of Section
2310... Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Operator Contact Person Dale Smith
Phone 316-792-8151

Lease Name DREILING Well# 1

Contractor: license #
name COMPANY TOOLS
KC-K1-

Field Name

Wellsite Geologist Wes Lilley
Phone 303-534-3052

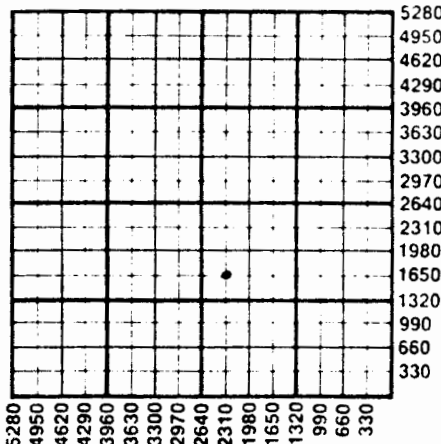
Producing Formation

Elevation: Ground 2334 KB 2339

Designate Type of Completion

Section Plat

New Well Re-Entry Workover



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

If OWWO: old well info as follows:

WATER SUPPLY INFORMATION

Operator
Well Name
Comp. Date Old Total Depth

Source of Water:

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

Division of Water Resources Permit #

10-31-86 11-6-86 11-7-86
Spud Date Date Reached TD Completion Date

Groundwater... Ft North From Southeast Corner and
(Well) ... Ft. West From Southeast Corner of
Sec Twp Rge East West

4420
Total Depth PBTD

Surface Water... 990... Ft North From Southeast Corner and
(Stream, Pond etc.)... 1900... Ft West From Southeast Corner
Sec 35 Twp 13 Rge 21 East West

Amount of Surface Pipe Set and Cemented at 267 feet

Multiple Stage Cementing Collar Used? Yes No

Other (explain) ...
(purchased from city, R.W.D.#)

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

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.

Operator Name Boger Brothers Drilling Lease Name Drilling Well# ..1. SEC ..35. TWP 13... RGE 21..... 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 3980 - 4025
 10-20-60-60
 IFP 32-21
 ISIP 1064
 FFP 32-32
 FSIP 1000
 IHP 2000
 FHP 1904
 Recovered 35' SOLM

Name	Top	Bottom
Heebner	3622	-1283
L.K.C.	3658	-1319
B.K.C.	3904	-1565
Marmaton	3978	-1639
Conglomerate	4032	-1693
Arbuckle	4070	-1731
Reagan	4354	-2015
Basement	4404	-2065
T.D.	4417	-2078

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 1/2	8 5/8	23"	267	50-50 Poz	200	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

35-11B-21W



QUIVIRA ENERGY CORPORATION

7074 South Elm Street
Littleton, Colorado 80122



303-771-9626

303-779-9016

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

OPERATOR Boger Brothers Drilling Inc.
LEASE Dreiling WELL NO. 1
FIELD AGMAR
LOCATION C-SW-NW-SE
T.C. 35 TWSP 13 South RNG. 21 West
COUNTY Trego STATE Kansas

ELEVATIONS

KB. 2339'
DF _____
G.L. 2334'

MEASUREMENTS ARE ALL
FROM K.B.

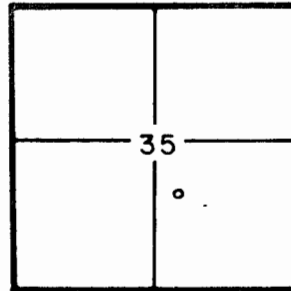
CONTRACTOR Boger Brothers Drilling Inc.
COMM. 10-31-86 COMP. 11-7-86
RTD 4420' LOG TO 4420'
SAMPLES SAVED FROM 267' TO T.D.
DRILLING TIME KEPT FROM 3400' TO T.D.
SAMPLES EXAMINED FROM 3550' TO T.D.
GEOLOGICAL SUPERVISION FROM 3550' TO T.D.
MUD UP 3500' TYPE MUD Chemical
WELLSITE GEOLOGIST Wes Lilley

CASING RECORD

SURFACE 8 5/8" at 267'
PRODUCTION _____
DPA

ELECTRICAL SURVEYS
SPENT GUNS -
RA-GUARD-C. 11/11
SONIC

FORMATION	LOG		SAMPLE		STRUCT COMP
	TOP	DATUM	TOP	DATUM	
HEEBNER	3622	(-1293)	3625	(-1296)	+3
L.K.C.	3652	(-1319)	3652	(-1323)	+4
B.K.C.	3924	(-1565)	3910	(-1571)	+5
MARMATON	3973	(-1619)	3952	(-1643)	+8
CONGLOMERATE	4032	(-1693)	4038	(-1699)	+11
ARBUCKLE	4070	(-1731)	4080	(-1741)	+7
REAGAN	4354	(-2015)	4354	(-2015)	
BASEMENT	4404	(-2065)	4404	(-2065)	
T.D.	4477	(-2073)	4420	(-2061)	



PENETRATION RATE	
DATE	DEPTH
10-31-86	RU. Spud 11 AM
11-1-86	1050'
11-2-86	2445'
11-3-86	3050'
11-4-86	3570'
11-5-86	4025'
11-6-86	4296'
11-7-86	4420' TPA

FORMATION	INTERVAL	
HEEBNER	3597-371	W
L.K.C.	3712-20	W
B.K.C.	3752-57	D
MARMATON	3704-3922	
CONGLOMERATE	3935-104	
MARMATON	3952-4001	
CONGLOMERATE	4030-30	T

REFERENCE WELL FOR STRUCTURAL COMPARISON: FRANNENSTIEL #3 (NE-SW-35-13-21W)

