

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 Dale Smith
Phone 316-792-8151

Contractor: license # Company Tools
name

Wellsite Geologist Jim Musgrove
Phone 316-792-8177

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

9-20-89 9-26-89 9-26-89
Spud Date Date Reached TD Completion Date

3955
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 424 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

ALL DRY

API NO. 15 - 185-22,609-0000

County Stafford

N/2 SE SE Sec 21 Twp 22 Rge 14W

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

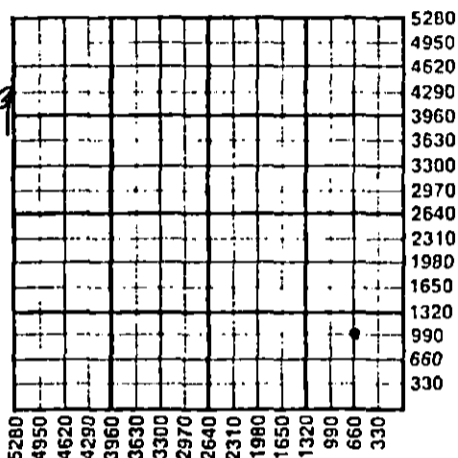
Lease Name Heyen Well# 1-21

Field Name Sutton

Producing Formation D. & A

Elevation: Ground 1946 KB 1951

Section Plat



10-27-89

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T. 89-425

Groundwater 990 Ft North From Southeast Corner and
(Well) 660 Ft. West From Southeast Corner of
Sec 21 Twp 22 Rge 14 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 [Signature] Title Drilling Superintendent Date 10-06-89

Subscribed and sworn to before me this 6th day of October 19 89

Notary Public Wendy L. Brackeen My Appt. Exp. 2-23-93

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)

Operator Name ..Boger. Brothers. Drlg..... Lease Name ..Heyen..... Well#1-21 SEC 21... TWP. 22... 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 - Tested 3618-3710'. 45-45-45-45".
 Blow fair to steady thru-out test. Recovered 60' mud & 120' muddy water. ISIP 958, FSIP 924, IFP 59-92, FFP 108-1250, HSH 1783-1770.

DST #2 - Tested 3828-3866'. 30-15-15".
 Blow weak for 22 minutes, flushed tool. Recovered 25' mud. ISIP 56, FFIP 42, IFP 34-34, FFP 34-34, HSH 1914-1898.

Name	Top	Bottom
Anhydrite	859	+1092
Heebner	3363	-1412
Toronto	3385	-1434
Douglas	3401	-1450
Brown Lime	3495	-1544
Lansing	3506	-1555
Conglomerate	3799	-1848
Conglomerate Chert	3801	-1850
Viola	3821	-1870
Simpson	3856	-1905
Arbuckle	3910	-1959

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	25#	424	60-40	285	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	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing method
D & A	<input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify)

PRODUCTION INTERVAL
 Dually Completed. Commingled