

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 ..Roger. Brathers. Drilling. Co.....  
Address ...Box. 723.....  
City/State/Zip ...Great Bend, KS. 67530

Purchaser.....

Operator Contact Person Dale J. Smith.....  
Phone ...316/792-8151.....

Contractor: License # 82412  
Name ...Emphasis Oil Operations.....

Wellsite Geologist Steve Mitchell.....  
Phone.....316-792-7447.....

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  
..4/8/87... ..4/16/87... ..4/16/87...  
Spud Date Date Reached TD Completion Date  
..5200' RTD .....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 300 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  
Cement Company Name ..  
Invoice # ..

API NO. 15-071-20,437-00-00  
County.....Greeley.....  
..NW ..NE ..NW Sec. 22 Twp. 16S Rge. 42W  East  
 West

4950 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

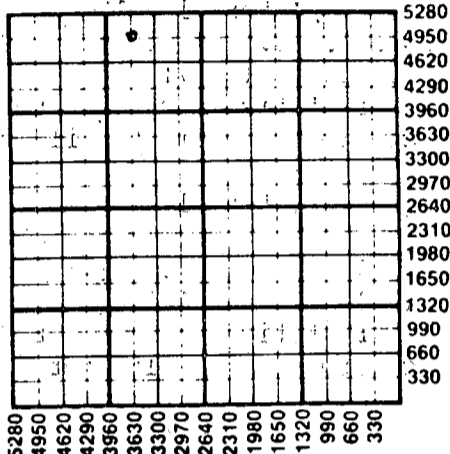
Lease Name Young Cattle Co.....Well #2.....

Field Name.....

Producing Formation.....

Elevation: Ground.....3827' X 3.....KB.....3832'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # .....  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

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

Surface Water 3960 Ft North from Southeast Corner  
(Stream, pond etc) 5230 Ft West from Southeast Corner  
Sec 22 Twp 16S Rge 42  East  West

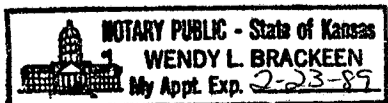
Other (explain).....  
(purchased from city, R.W.D. #)

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. Rule 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 J. Smith  
Title Vice-President Date 4-30-87

Subscribed and sworn to before me this 30th day of April 1987  
Notary Public Wendy L. Brackeen  
Date Commission Expires 2-23-89



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  
RECEIVED  
STATE CORPORATION COMMISSION (Specify)  
MAY 18 1987

Form ACO-1 (7-84)  
CONSERVATION DIVISION  
Wichita, Kansas

Sec 22 Twp 16 Rge 42 W

Operator Name ..... Boger Brothers Drilling Co. .... Lease Name... Young Cattle Co. .... Well #..2.....

Sec. 22 ..... Twp. 16S ..... Rge. 42 .....  East  West County... Greeley .....

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 - Interval 5012-5040.  
 45-45-45-90. IFP 39-39. FFP 91-63  
 ISIP 514 FSIP 871  
 I Hydrostatic 2440 F Hydrostatic 2417  
 Recovered 65' slightly oily cut mud.

DST #2 - Interval 4485-4585' (Straddle)  
 45-45-45-60  
 IFP 112-325 FFP 380-473  
 ISIP 1229 FSIP 1212  
 I Hydrostatic 2293 F Hydrostatic 2186  
 Recovered 1200' saltwater

Name Top Bottom

CASING RECORD <input 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"	20	300	60/40 port	180	2% gel, 3% c.c.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....				
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  
 Commingled

30-57 10-24-43210  
 351-101-101



SIDE TR.

15-071-20437-00-00

Operator Name Boger Brothers Drilling Co. Lease Name Young Cattle Co. Well #. 2

Sec. 22 Twp. 16S Rge. 42 East West County Greeley

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 [X] Yes [ ] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No

Formation Description
[X] Log [ ] Sample

DST #1 - Interval 5012-5040.
45-45-45-90. IFP 39-39. FFP 91-63
ISIP 514 FSIP 871
I Hydrostatic 2440 F Hydrostatic 2417
Recovered 65' slighty oily cut mud.
DST #2 - Interval 4485-4585' (Straddle)
45-45-45-60
IFP 112-325 FFP 380-473
ISIP 1229 FSIP 1212
I Hydrostatic 2293 F Hydrostatic 2186
Recovered 1200' saltwater

Table with 3 columns: Name, Top, Bottom. Rows include Heebner, Toronto, Lansing, Marmaton, Ft. Scott, Cherokee, Atoka, Morrow Shale, 1st Morrow sand, Morrow Lime, Mississippi, LTD.

CASING RECORD [ ] New [ ] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Row for Surface shows 12 1/4" hole, 8-5/8" casing, 20 lbs/ft weight, 300 setting depth, 60/40 port cement, 180 sacks, 2% gel, 3% c.c.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table for Perforation and Squeeze records with columns for Shots Per Foot, Footage of Each Interval Perforated, Amount and Kind of Material Used, and Depth.

TUBING RECORD table with columns: Size, Set At, Packer at, Liner Run [ ] Yes [ ] No

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain)

Table for Estimated Production Per 24 Hours with columns: Oil (Bbls), Gas (MCF), Water (Bbls), Gas-Oil Ratio (CFPB), Gravity

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [ ] Perforation [ ] Other (Specify) [ ] Dually Completed [ ] Commingled