

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 # 5198  
name A. Scott Ritchie  
address 125 N. Market, Suite 950  
City/State/Zip Wichita, KS 67202

Operator Contact Person Galen Babcock  
Phone 316/267-4375

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Larry Friend  
Phone 316/265-2228

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  
5/8/84 5/15/84 5/16/84  
Spud Date Date Reached TD Completion Date

3875' n/a  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 259 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set ..... feet

If alternate 2 completion, cement circulated from 259 feet depth to surface w/ 175 SX cmt

API NO. 15 065-21975-00-00

County Graham

N/2 NW SW Sec 18 Twp 6S Rge 21  East  West

2310 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

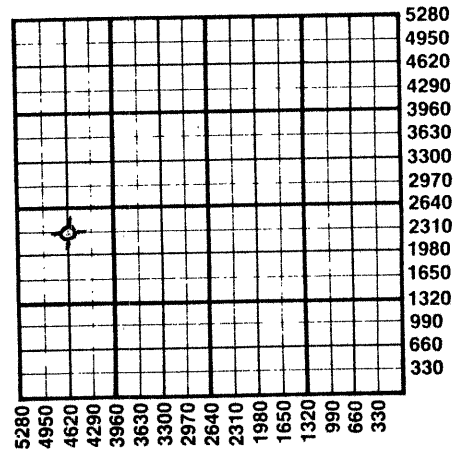
Lease Name Worcester Trust Well# 1

Field Name Boyse Southwest

Producing Formation n/a

Elevation: Ground 2327' KB 2332'

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 ..... 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 # .....  
9-18-84

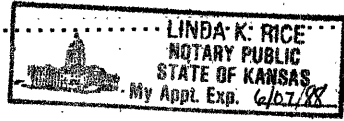
**INSTRUCTIONS:** This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply. Information on side two of this form will be 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 .....  
Title Operator Date 9/17/84

Subscribed and sworn to before me this 17th day of September 1984

Notary Public Linda K. Rice  
Date Commission Expires 6/7/88



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)

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

Sec. 18 Twp. 6 Rge. 21

SIDE TWO

Operator Name A. Scott Ritchie Lease Name Worcester Trust Well# 1 SEC. 18 TWP. 6S 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

Name	Top	Bottom
Anhydrite	1983'	(+349)
B/Anhydrite	2014'	(+318)
Topeka	3305'	(-973)
Heebner	3540'	(-1208)
Toronto	3564'	(-1232)
Lansing	3582'	(-1250)
B/KC	3773'	(-1441)
Congl. sand	3822'	(-1490)
Ero. Arb.	3876'	(-1544)
LTD	3903'	(-1571)

DST #1 from 3489' to 3526' (Lower Topeka). Recovered 1810' of slightly oil and mud cut water.  
 IFP:186-667#/30"; ISIP:1250#/45";  
 FFP:764-948#/30"; FSIP:1250#/45".

DST #2 from 3530' to 3597' (Toronto & Top zone). Recovered 70' of slightly oil spotted mud and 780' of slightly oil cut water. Tool plugged during initial flow period.  
 IFP: N/A 30"; ISIP:1293#/45";  
 FFP: 274-439#/30"; FSIP:1228#/45".

DST #3 from 3686' to 3747' (140' to 180' zones). Recovered 65' of oil cut mud, 15% oil.  
 IFP:66-66#/30"; ISIP:634#/30";  
 FFP:88-99#/30"; FSIP:742#/30".

DST #4 from 3742' to 3815' (200' & 220' zones). Recovered 70' of mud, no show of oil.  
 IFP:88-88#/30"; ISIP:991#/45";  
 FFP:110-110#/30"; FSIP:894#/45".

(continued on 2nd page)

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 1/4"	8-5/8"	24#	259'	Quickset	175	3% CC, 2% gel
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				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		

Disposition of gas:  vented  
 sold  
 used on lease

METHOD OF COMPLETION  
 open hole  perforation  
 other (specify) \_\_\_\_\_  
 Dually Completed.  
 Commingled

PRODUCTION INTERVAL

OPERATOR A. Scott Ritchie LEASE NAME Worcester TRust SEC. 18 TWP. 6S RGE. 21 (E)  
(W)X

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>(continued from page 1.)</p> <p><u>DST #5</u> from 3800' to 3840' (Conglomerate sand). Re- covered 120' of slightly oil and water cut mud and 1740' of slightly oil cut water. IFP:263-656#/30"; ISIP:1110#/30"; FFP:777-894#/30"; FSIP:1110#/30".</p> <p><u>DST #6</u> from 3574' to 3590' (Top zone of the Lansing). Straddle. Recovered 1' of drilling mud, few spots of oil. IFP:22-22#/30"; ISIP:22#/45"; FFP:22-22#/30"; FSIP:22#/45".</p>				

RECEIVED  
STATE CORPORATION COMMISSION  
JUN 18 1984  
CONSERVATION DIVISION  
Wichita, Kansas