

18-6-21W

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

API NO. 15-065-21975

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

County Graham

DESCRIPTION OF WELL AND LEASE

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

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

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

Operator Contact Person Galen Babcock  
Phone 316/267-4375

Lease Name Worcester Trust Well# 1

Field Name Boyse Southwest

Contractor: license # 6033  
name Murfin Drilling Co.

Producing Formation n/a

Wellsite Geologist Larry Friend  
Phone 316/265-2228

Elevation: Ground 2327' KB 2332'

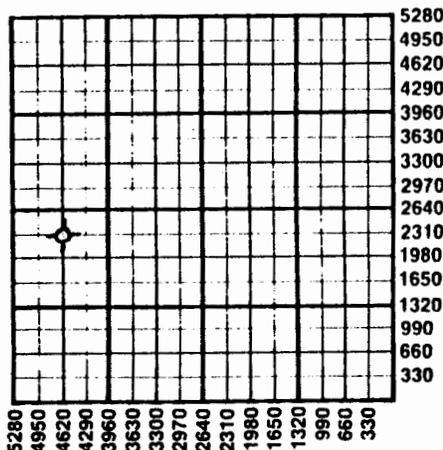
Type of Completion  New Well  Re-Entry  Workover

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

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of

Sec Twp Rge  East  West

Surface Water Ft North From Southeast Corner and 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 #

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

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

3875' n/a  
Total Depth PBTD

Art 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/ 1.75 SX cmt

wire line log received

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.

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 18 1984  
Wichita, Kansas

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

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".

Name	Top	Bottom
Anhydrite	1983'	(+349)
B/Anhydrite	2014'	(+318)
Topeka	3305'	(-973)
Heebner	3540'	(-120)
Toronto	3564'	(-123)
Lansing	3582'	(-1250)
B/KC	3773'	(-1441)
Congl. sand	3822'	(-1490)
Ero. Arb.	3876'	(-154)
LTD	3903'	(-157)

(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% ge

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth

18-6-21W

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

(E)  
(W)X

OPERATOR A. Scott Ritchie LEASE NAME Worcester Trust SEC. 18 TWP. 6S RGE. 21

FILL IN WELL LOG AS REQUIRED:

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
(continued from page 1.)				
<p><u>DST #5</u> from 3800' to 3840' (Conglomerate sand). Recovered 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>				