

3577

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

COPY

API No. 15- 009-24,501

County Barton

Approx. SW SE Sec. 4 Twp. 18 Rge. 12 E

5180 Feet from S(N) (circle one) Line of Section
990 Feet from E(W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE SE, NW or SW (circle one)

Lease Name Wirth "B" Well # 2

Field Name East Redwing

Producing Formation

Elevation: Ground 1795 KB 1800

Total Depth 3400 PBTB

Amount of Surface Pipe Set and Cemented at 354 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan *API DWA*
(Data must be collected from the Reserve Pit)

Chloride content 70,000 ppm Fluid volume 4563 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 05538

Name: TomKat Ltd.

Address P.O. Box 20403

City/State/Zip Wichita, KS 67208

Purchaser:

Operator Contact Person: Dan Murta

Phone (316) 792-6960

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Ullsite Geologist: Daniel DeBoer

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

12-04-91 12-10-91

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 President Date 1-8-92

Subscribed and sworn to before me this 8th day of January 19 92.

Notary Public *[Signature]*
Carolyn Shoemaker

Date Commission Expires July 9, 1994

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

CAROLYN SHOEMAKER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2-9-94

Operator Name Tomkat Ltd. Lease Name Wirth "B" Well # 2
 Sec. 4 Twp. 18 Rge. 12 East County Barton West

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 Dual Induction Laterlog
 Compensated Density/Dual Spaced
 Neutron Log
 Computer Analyzed Log

Name	Top	Datum
Anhydrite	681	(+1119)
Base/Anhydrite	699	(+1101)
Topeka	2625	(- 825)
Heebner	2953	(-1153)
Toronto	2974	(-1174)
Douglas	2984	(-1184,
Brown Lm.	3055	(-1255)
Lansing	3072	(-1272)
Bas/Kansas City	3306	(-1506)
Arbuckle	3338	(-1538)

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	12½"	8-5/8"	20#	354'	60/40poz	200	2% gel 3% cc.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Dept'

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.]	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 (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

COPY

4-18-12W

DRILLER'S WELL LOG

DATE COMMENCED: December 4, 1991
DATE COMPLETED: December 10, 1991

TomKat Ltd.
WIRTH "B" #2
Approx. SW SE
Sec. 4, T18S, R12W
Barton County, Ks.

0 - 130'	Surface Soil, Shale
130 - 354'	Shale w/sand streaks
354 - 677'	Shale, Red Bed
677 - 702'	Anhydrite
702 - 1400'	Shale
1400 - 1500'	Shale w/lime streaks
1500 - 1870'	Shale, Sand, w/lime streaks
1870 - 2625'	Shale w/lime streaks
2625 - 2952'	Lime
2952 - 2983'	Shale & Lime
2983 - 3055'	Shale
3055 - 3072'	Lime & Shale
3072 - 3299'	Lime
3299 - 3332'	Shale & Lime
3332 - 3400'	Dolomite
3400'	RTD

ELEVATION: 1800' K.B.

Surface Pipe: Set new
8-5/8", 20# pipe @ 354'
w/200 sacks 60/40 pozmix
2% gel, 3% cc.

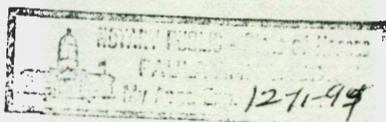
A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Leonard Williamson of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Leonard Williamson

Subscribed and sworn to before me this 10th day of December 1991.



Paul Ann Lusk
Notary Public