FORM MUST BE TYPED

SIDE ONE 1553

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

Operator: License # 5538

Name: TomKat, Ltd.

Address P.O. Box 20403

City/State/Zip Wichita, KS 67208-1403

Purchaser: N/A

Operator Contact Person: Daniel E. Murta

Phone (316) 792-6960

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Dan DeBoer

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
___ Gas ___ ENHR ___ SIGW
X 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 ___ PBTD
___ Commingled Docket No. ___
___ Dual Completion Docket No. ___
___ Other (SWD or Inj?) Docket No. ___

9-6-91 Spud Date | 9-11-91 Date Reached TD | ___ Completion Date

API NO. 15- 009-24,489

County Barton

230' E of - NE - SE - NW Sec. 9 Twp. 18 Rge. 12 E x W

3630 Feet N/S (circle one) of Section Line

2740 Feet E/W (circle one) of Section Line

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

Lease Name Propst Well # 2

Field Name Redwing East

Producing Formation NA

Elevation: Ground 1796' KB 1801'

Total Depth 3420' PBTD ___

Amount of Surface Pipe Set and Cemented at 393' Feet

Multiple Stage Cementing Collar Used? ___ Yes X No

If yes, show depth set ___ Feet

If Alternate II completion, cement circulated from ___

feet depth to ___ w/ ___ sx cmt.

Drilling Fluid Management Plan AltI 12+10
(Data must be collected from the Reserve Pit)

Chloride content 30,000 ppm Fluid volume 4,560 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. ___

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 9-20-91

Subscribed and sworn to before me this 20th day of September, 19 91.

Notary Public Carolyn Shoemaker

Date Commission Expires 7-9-94

CAROLYN SHOEMAKER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-9-94

RECEIVED
STATE CORPORATION COMMISSION
SEP 23 1991
CONSERVATION DIVISION
Wichita, Kansas

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)

Form ACO-1 (7-91)

108532

Sec. 9 Twp. 18 Rge. 12 ☐ East ☒ West

County Barton

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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☐ Yes ☒ No

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datums ☒ Sample

Name	Top	Datum
Anhydrite	698'	(+1104)
Topeka	2642'	(- 840)
Heebner	2974'	(-1172)
Toronto	2994'	(-1192)
Douglas	3007'	(-1205)
Brown Lime	3078'	(-1276)
Lansing	3095'	(-1293)
Base/KC	3322'	(-1520)
Arbuckle	3372'	(-1570)

CASING RECORD ☐ New ☐ 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#	393'	60/40 Poz	200	2% gel 3%cc.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

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

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj. D & A

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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 _____

9-18-12W

COPY

DRILLER'S WELL LOG

DATE COMMENCED: September 6, 1991
DATE COMPLETED: September 11, 1991

TOMKAT, LTD.
PROPST #2
230' E of NE SE NW
Sec. 9, T18S, R12W
Barton County, Ks.

elevation; 1801 K.B.

0 -	393'	Surface Soil, Clay, Shale w/sand streaks
393 -	689'	Red Bed
689 -	710'	Anhydrite
710 -	1425'	Shale
1425 -	1870'	Shale w/Lime streaks
1870 -	2745'	Lime & Shale
2745 -	2976'	Lime
2976 -	3007'	Shale & Lime
3007 -	3078'	Shale
3078 -	3095'	Lime & Shale
3095 -	3330'	Lime
3330 -	3372'	Shale & Lime
3372 -	3420'	Dolomite
	3420'	RTD

Surface Pipe: Set new 8-5/8', 20# pipe @393' 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.

Subscribed and sworn to before me this 12th day of September 1991.

12-11-94

Notary Public

RECEIVED
STATE CORPORATION COMMISSION
SEP 23 1991
CONSERVATION DIVISION
Wichita, Kansas

108532