

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

API NO. 15- 055-21133-0000 ORIGINAL

County Finney
125 W of
W/2 W/2 SE - Sec. 14 Twp. 24 Rge. 31W E

Operator: License # 9121

1320 Feet from S (circle one) Line of Section

Name: Kiwanda Energy, Inc.

2600 Feet from E (circle one) Line of Section

Address 730 17th Street

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

City/State/Zip Denver, Colorado 80202

Lease Name Harms Well # #1

Purchaser: _____

Field Name Hugoton

Operator Contact Person: Clay Hedrick, Jr.

Producing Formation Krider

Phone (316) 283-3351

Elevation: Ground 2876 KB 2881

Contractor: Name: Red Tiger Drilling Co.

Total Depth 2770 PBSD _____

License: 5302

Amount of Surface Pipe Set and Cemented at 558 Feet

Wellsite Geologist: Warren Tomlinson

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion
 New Well _____ Re-Entry _____ Workover _____

If yes, show depth set _____ Feet

Oil SWD S1OW Temp. Abd.

If Alternate II completion, cement circulated from _____

Gas ENHR SIGW

feet depth to 2766 w/ 625 sx cat.

Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan DLT 2 7-4-93
(Data must be collected from the Reserve Pit)

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

Chloride content _____ ppm Fluid volume _____ bbls

Operator: _____

Dewatering method used 2801

Well Name: _____

Location of fluid disposal if hauled offsite: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Operator Name _____

Plug Back _____ PBSD _____

Lease Name _____ License No. _____

Commingled _____ Docket No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

Dual Completion _____ Docket No. _____

County _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

10-3-92 10-8-92 10-8-92
Spud Date Date Reached TD Completion Date

2766 625

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 reports 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 Clay E. Hedrick, Jr.
Title President Date 2/17/93

Subscribed and sworn to before me this 16 day of February, 19 93.

Notary Public Debra L. Hobbs

DEBRA L. HOBBS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-17-96

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)

Operator Name Kiwanda Energy, Inc.

Lease Name Harms

Well # 1

County Finney

Sec. 14 Twp. 24 Rge. 31W

East
 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

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List All E. Logs Run:

Cement Bond Log

Gama Ray - Neutron

Log Formation (Top), Depth and Batums Sample

Name Krider Top 27100 Datum +171

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 Casing	12 1/2"	8-5/8"	20# Used	558	Pre-Plus Lite	125	2% CC
Production Casing	7-7/8"	4 1/2"	10 1/2# New	2766	Hall lite	425	1/4# flo-seal
					40-60 poz	200	5% KCL

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

PERFORATION RECORD - Bridge Plugs Set/Type

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2712 - 2722	1000 Gal 15 % HCL	2712-22
		15,000 LBS Brady 12 - 20	
		500 BBLS Gel Water	

TUBING RECORD Size 2 3/8 Set At 2715 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or In]. _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		200 MCF			
			20BBLs		

Disposition of Gas:

METHOD OF COMPLETION

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval

2712 - 22