

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

15-055-21,121-0000

ORIGINAL

Operator: License # 9121

Name: Kiwanda Energy, Inc.

Address 730 17th Street, Ste. 800

Denver, Colorado 80202

City/State/Zip

Purchaser: Northern Natural Gas

Operator Contact Person: Mr. Clay Hedrick, Jr.

Phone (316) 283-3351

Contractor: Name: Red Tiger Drilling Company

License: 5302

Wellsite Geologist:

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W 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.

9-26-92 9-30-92 10/6/92
Spud Date Date Reached TD Completion Date

API NO. 15- 15-055-21,121-0000

County Finney

C - NE - Sec. 34 Twp. 24S Rge. 31W x W

1300 Feet from S(N) (circle one) Line of Section

1250 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 Moler Well # 2

Field Name Hugoton

Producing Formation Krider

Elevation: Ground 2868 KB 2873

Total Depth 2750 PBTB 2705

Amount of Surface Pipe Set and Cemented at 558 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 2705

feet depth to 214 w/ 545 sx cmt.

Drilling Fluid Management Plan DLT 2 OK Per Dist Dept
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume 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 Clay E. Hedrick, Jr.

Title President Date 2/16/93

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

8-17-96

2-17-93

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

RECEIVED
CORPORATION COMMISSION
DISTRIBUTION

KCC SWD/Rep NGPA

KGS Plug (Specify)

FEB 17 1993

Form ACO-1 (7-91) WICHITA, KANSAS

JANUARY

Operator Name Kiwanda Energy, Inc.

Lease Name Moler

Well # 2

Sec. 34 Twp. 24S Rge. 31W

East

County Finney

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.)

Log Formation (Top), Depth and Datums Sample

Samples Sent to Geological Survey Yes No

Name Krider Top 2658 Datum +215

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:
Cement Bond Log
Gamma Ray - Neutron Log

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 1/4"	8-5/8"	20# new	558	Lite Class C	135 sx 125 sx	
Production Csg	7-7/8"	4 1/2"	10.5 #	2759	Class C Lite 60-40 POZ	275 sx 200 sx	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	1085	Premium Plus	120	
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone		Hallib Light	275	

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
2	2662 -2668	1000 Gal 15% HCL	2662-68
		15,000 lbs Brady 12-20	
		500 BBLs gel water	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	2670		

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

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

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

2662-68