

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

Operator: License # 4742  
Name Texaco Inc. for Texaco Prod. Inc.  
Address P.O. Box 2420  
City/State/Zip Tulsa, OK 74102

Purchaser KN Energy

Operator Contact Person N. E. Morton  
Phone

Contractor: License # 3421  
Name Sage Drilling

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
3/21/88 3/27/88 4/23/88  
Spud Date Date Reached TD Completion Date  
2800 2756  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1705 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name Dowell  
Invoice # D/I I

API NO. 15-175-21012-0000  
County Seward  
NE SW SW Sec. 11 Twp. 31S Rge. 32 East  
x West

1400 Ft North from Southeast Corner of Section  
4030 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

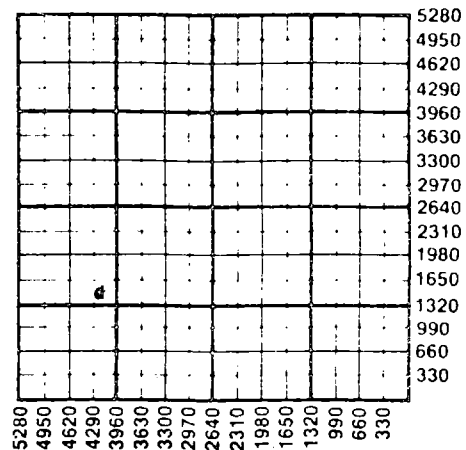
Lease Name M. Collingwood Well # 2

Field Name Hugoton

Producing Formation Winfield, Krider, & Herrington

Elevation: Ground 2834 KB 2847

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner  
(Well) Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain)  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 J. K. Hamby  
Title J. K. Hamby, Dist. Comm. Engr. Date

Subscribed and sworn to before me this 24 day of May 1988  
Notary Public Sue Coulton  
Date Commission Expires 3-18-91

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
SWD/Rep NGPA  
Plug Other (Specify)  
RECEIVED STATE CORPORATION COMMISSION  
MAY 31 1988  
5-31-88

Operator Name Texaco Inc. for Texaco Prod. Inc. Lease Name M. Collingwood Well # 2

Sec. 11 Twp. 31S Rge. 32  East  West County Seward

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

Name	Top	Bottom
Permian	0	1643
Stone Corral	1643	2538
Hollenberg	2538	2589
Herrington	2589	2611
Upper Krider	2611	2653
Lower Krider	2653	2689
Winfield	2689	2800

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
Surf	12 1/4	8 5/8	24	1705	Lite Class II 50-50 Poz	1400	
Prod	7 7/8	5 1/2	15.5	2800	50-50 Poz	500	

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	2692 - 2700	85,000 Gals xl gel 2% KCL WTR & 120,000# 12/20	2590-2700
	2650 - 68, 2618 - 30		
	2590 - 2600	SD	

TUBING RECORD Size 2 3/8 Set At 2708' Packer at \_\_\_\_\_ Liner Run  Yes  No

Date of First Production 4/22/88 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	0	69	0		

METHOD OF COMPLETION

Disposition of gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Other (Specify) .....

Production Interval 2618 - 2700

Dually Completed  Commingled