

SIDE ONE

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 # 3536  
Name Ramco Drilling Services, Inc.  
Address Box 99  
City/State/Zip Belpre, Ohio 45714

Purchaser

Operator Contact Person Bob Williamson  
Phone 614-423-9591

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Scott Alberg  
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 **OWHO**: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
12/27/87 1/7/88 1/8/88  
Spud Date Date Reached TD Completion Date  
4,825'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 604 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  
Invoice #

API NO. 15-047-21,308-6000  
County Edwards  
NW/4 SE/4 SW/4 2 26S 18W East  
Sec Twp Rge X West

990 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

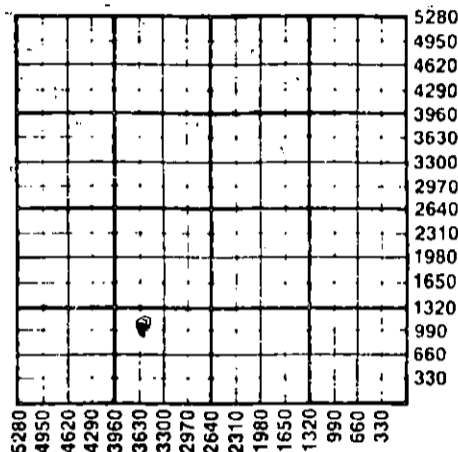
Lease Name Kathleen Ellinghaus Well # 1

Field Name

Producing Formation

Elevation: Ground 2155 KB 2160

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 # T 87-583

Groundwater 1700 Ft North from Southeast Corner  
(Well) 4000 Ft West from Southeast Corner of  
Sec 2 Twp 26S Rge 18 East X West

Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
STA 600m Twp Rge 30N East West

Other (explain) 2.2.1988  
(purchased from city, R.W.D. #)

CONSERVATION DIVISION

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 [Signature]

Title Vice President/Exploration Date 1/18/88

Subscribed and sworn to before me this 18th day of Jan. 1988

Notary Public [Signature]

Date Commission Expires 1-20-91

Jo Ann Watson, Notary Public,  
State of Ohio, My Commission  
Expires January 20, 1991.

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Form ACO-1 (5-86)

Sec. 2, Twp. 26S, Rge. 18W

**SIDE TWO**

Operator Name Rantco Drilling Services, Inc. Lease Name Kathleen Ellinghaus Well # 1

Sec. 2 Twp. 26S Rge. 18W  East  West County Edwards

**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

DST #1 - 4578 - 4620; IFP: 51-82 strong blow;  
 ISIP: 819; FFP: 82-102 strong blow;  
 FSIP: 1023; IHH - FHH: 2185-2185;  
 30-60-30-90; Recovery: 175' drilling  
 mud w/ specks of dead oil.

Name	Top	Bottom
Heebner	3932	(-1772)
Toronto	3951	(-1791)
Douglas	3970	(-1810)
Brown Lime	4064	(-1904)
Lansing	4076	(-1916)
B/KC	4434	(-2274)
Cherokee Shale	4562	(-2402)
Mississippian	4650	(-2490)
Kinderhook Shale	NC	
Viola	4774	(-2614)
T.D.	4825	(-2665)

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	12 1/4"	8 5/8"	23#	604'	HIC 40/60 Poz	250 100	3%CC 1/4# Flocele 2% GeI 3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
.....	.....			.....		.....	
.....	.....			.....		.....	
.....	.....			.....		.....	
.....	.....			.....		.....	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

**METHOD OF COMPLETION**

**Production Interval**

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

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