

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 # 6139  
Name Jay C. Boyer  
Address P. O. Box 511  
Hays, Kansas 67601  
City/State/Zip

Purchaser Farmland Industries, Inc.  
K. C., Mo.

Operator Contact Person Jay C. Boyer  
Phone 913-625-6967

Contractor: License # 4083  
Name Western Kansas Drilling, Inc.

Wellsite Geologist Lawrence F. Gray  
Phone 316-838-7295

Designate Type of Completion

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

If ONWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

X Mud Rotary Air Rotary Cable

9-4-87 9-8-87 9-23-87  
Spud Date Date Reached TD Completion Date  
3620  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 218 feet  
Multiple Stage Cementing Collar Used? Yes X No  
if yes, show depth set feet  
if alternate 2 completion, cement circulated  
from 218 feet depth to surf w/ 1.35SX cmt  
Cement Company Name BJ-Titan Services  
Invoice # WN024

API NO. 15-065-22,402-00-00  
County Graham  
NE SW NW Sec. 19 Twp. 8S Rge. 22 East  
West

3630 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

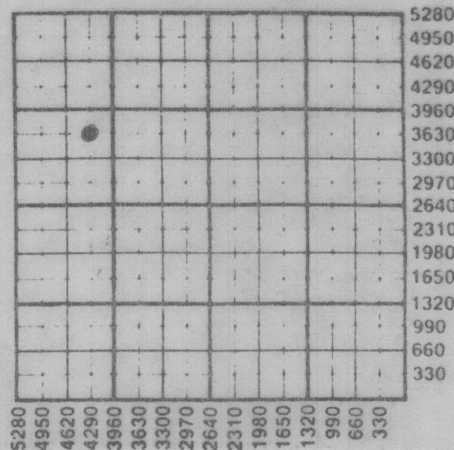
Lease Name Quint "B" Well # 4

Field Name Hill City East

Producing Formation KC

Elevation: Ground 2138 2143 KB

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.

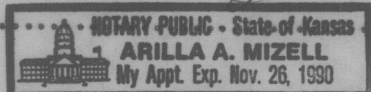
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Jay C. Boyer  
Title Operator Date 12-11-87

Subscribed and sworn to before me this 11th day of December 1987

Notary Public Arilla A. Mizell

Date Commission Expires



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)  
RECEIVED  
DEC 16 1987  
DEC 16 1987

CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (5-86)

Sec. 19 Twp. 8 Rge. 22

SIDE TWO

Operator Name Jay C. Boyer Lease Name Quint "B" Well # 4

Sec. 19 Twp. 8S Rge. 22 County Graham

East  
 West

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

#1 - 3530-3590 - Misrun

#2 - 3524-3590

IHM 1932 PSI 30 mins  
 FIFP 54 PSI 45 mins  
 FFFP 54 PSI 45 mins  
 ISP 710 PSI 60 mins  
 SIFP 65 PSI  
 SFFP 65 PSI  
 FSP 600 PSI  
 FHM 1877 PSI

3' free oil  
 42' O.C.M. (5% oil 95% mud)

Name	Top	Bottom
Anhydrite	1764	3135
Topeka	3135	3159
Heebner	3159	3183
Toronto	3183	3398
Lansing-KC	3398	3608
Base KC	3608	

CASING RECORD <input type="checkbox"/> New <input checked="" 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	20	318	60/40 pdx	135	3%cc-2%ge
Production	7.7/8	4 1/2	10.5	3618	common	125	1%cc-4%ge
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
4	3554-3558			Treat perfs w/1500 gal			
4	3585-3588			15% N.E.			
				Retreated w/2000 gal N.E.			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2"	3579				
Date of First Production	Producing Method						
9-25-87	<input type="checkbox"/> Flowing <input checked="" 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		
	8 Bbls		18 Bbls				

METHOD OF COMPLETION

Production Interval

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

