

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

Operator: License # 6284  
Name: Vonfeldt Oil Operations, Inc.  
Address 524 St. John  
Russell, KS 67665  
City/State/Zip  
Purchaser: Farmland Industries  
Operator Contact Person: Roy Vonfeldt  
Phone ( 913 ) 483-6446  
Contractor: Name: Vonfeldt Drilling Company  
License: 9431  
Wellsite Geologist: David Shumacher  
Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SUD  SICM  Temp. Abd.  
 Gas  EHRM  SICM  
 Dry  Other (Coro, WCV, Expl., Cathodic, etc)

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Corv. to Inj/SUD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PSTB  
\_\_\_\_\_ Cemented \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_  
\_\_\_\_\_ Other (SUD or Inj) \_\_\_\_\_

1/6/93

1/9/93

Spud Date \_\_\_\_\_ Date Recoded To \_\_\_\_\_ Completion Date \_\_\_\_\_

API NO. 15- 167-23,045 17-14-13W  
County Russell  
C NW SW NW Sec. 17 Twp. 14S Rge. 13 X  
3630' Feet from S/N (circle one) line of Section  
4950' Feet from S/W (circle one) line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Ehrlich Well # 3  
Field Name Hall-Gurney  
Producing Formation Tarkio  
Elevation: Ground 1841' RD 1846'  
Total Depth 2550' PSTB \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 211' Feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sq. cnt.  
Drilling Fluid Management Plan 5-25-93  
(Data must be collected from the Reserve Pit)  
Chloride content 12,000 ppm Fluid volume 200 bbls  
Sustaining method used Left mud to dry  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ S/W  
County \_\_\_\_\_ Section No. \_\_\_\_\_

STATE CORPORATION COMMISSION  
WICHITA, KANSAS  
RECEIVED  
MAY 1 1993  
CONSULTATION  
WICHITA, KANSAS

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 Roy Vonfeldt  
Title Pres. Date 1/27/93  
Subscribed and sworn to before me this 27 day of January  
19 93.  
Notary Public Debbie Maier  
Date Commission Expires August 5, 1994

NOTARY PUBLIC - State of Kansas  
DEBBIE MAIER  
My Appt. Exp. 8-5-94

E.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SUD/Rep  NSRA  
 KGS  Plug  Other (Specify)

WE1

Vonfeldt Oil Operations, Inc. Lease Name Ehrlich Well # 3

Sec. 17 Twp. 14S Rge. 13  
 East  
 West

County Russell

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static hydrostatic pressure, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E.Logs Run:

Log Name	Formation (Top), Depth and Datum	Top	Datum
	Anhydrite	826'	
	Base Anhydrite	857'	
	Grand Haven	2365'	
	Dover	2382'	
	Tarkio	2438'	
	Almont Lime	2502'	
	R.T.D.	2550'	

**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		8 5/8"	20#	211'	Common	135	60/40 poz.
Production		4 1/2"	10 1/2#	2548'	Common	375	60/40 poz.

**ADDITIONAL CEMENTING/GRUZZE RECORD**

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Spacers Record (Amount and Kind of Material Used)	Depth
4	2372-78' 2388 1/2-2402'	500 gal. 15% acid	

**TUBING RECORD**

Size	Set At	Packer At	Linear Run
2"	2500'	No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Required Production, SMD or In. 5/4/93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil	Gals.	Gas	McF	Water	Gals.	Gas-Oil Ratio	Gravel
	20		None		15			36

Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)

**METHOD OF COMPLETION**  Open Hole  Perf.  Dually Comp.  Cemented  Other (Specify) \_\_\_\_\_

Production Int 2 -78' 2388 1/2-2402'

DRILLERS WELL LOG

COPY

DATE COMMENCED: *January 6, 1993*  
DATE COMPLETED: *January 9, 1993*

Vonfeldt Oil Operations, Inc.  
EHRlich #3  
NW-SW-NW Sec. 17-14S-11W  
Russell County, Kansas

ELEVATION: 1846 K.B.

0 - 40'	Rock
40 - 215'	Rock, Shale
215 - 565'	Shale
545 - 826'	Red Bed, Shale
826 - 857'	Anhydrite
857 - 1190'	Shale
1190 - 1625'	Shale, Clay
1625 - 2000'	Lime, Shale
2000 - 2115'	Lime, Shale
2115 - 2388'	Lime, Shale
2388 - 2550'	Lime
2550'	R.T.D.

FORMATION DATA

Anhydrite	826'
Base Anhydrite	857'
Gr. Haven	2365'
Dover	2382'
Tarkio	2438'
Almont Lime	2502'
R.T.D.	2550'

Surface Pipe: Set Used 20#  
8 5/8" pipe at 211' with 135  
sacks 60/40 poz., 2% gel, 3% cc.

Production Pipe: Set Used 10 1/2#  
4 1/2" casing at 2548' with 250  
sacks 60/40 poz., 3% gel and 125  
sacks 60/40 poz., 10% salt.

AFFIDAVIT

STATE OF KANSAS  
COUNTY OF RUSSELL) ss

Roy Vonfeldt of lawful age, does swear and state that the facts  
and statements herein are true and correct to the best of his knowledge.

*Roy Vonfeldt*  
Roy Vonfeldt

Subscribed and sworn to before me this 13th day of January, 1993.

My Comm. Expires:

August 5, 1994

*Debbie Maier*  
Debbie Maier, Notary Public

