

19-14-24E 81

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 # 6048  
name Prairie Energy Corp.  
address 7800 West 110th Street  
Suite 122  
City/State/Zip Overland Park, Kansas 66210

Operator Contact Person Robert A. White  
Phone (913) 451-3807

Contractor: license # 6849  
name Layne-Western Co.

Write Geologist  
Phone

PURCHASER Amoco Production Co.

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
9/6/85 9/11/85 9/12/85  
Spur Date Date Reached TD Completion Date

787 787  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 20 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from 0 feet depth to 20 w/ 5 SX cmt

API NO. 15 - 091-21552

County Johnson

SE NW NE Sec 19 Twp 14 Rge 24

4070 Ft North from Southeast Corner of Section  
1475 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

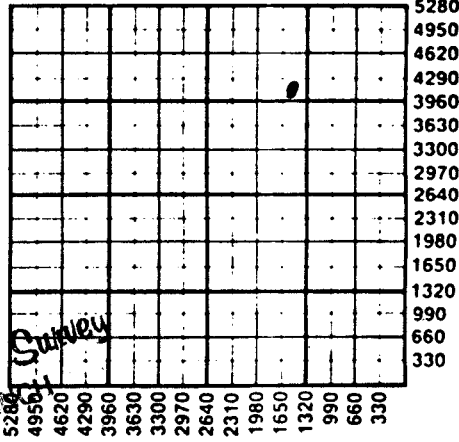
Lease Name Effertz Well# 65

Field Name Paola-Rantoul Norhteast

Producing Formation Lower Squirrel

Elevation: Ground 1071 KB 1074

Section Plat



DEC 11 1985  
Substantial  
Survey

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #

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

Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain) Tank Battery on property  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 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.

**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

See attached Driller's Log

Formation Description  
 Log  Sample

Name	Top	Bottom
b/Hertha		341
b/Ft. Scott		642
Lower Squirrel	715	720

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	<table border="1"> <thead> <tr> <th>Oil</th> <th>Gas</th> <th>Water</th> <th>Gas-Oil Ratio</th> <th>Gravity</th> </tr> </thead> <tbody> <tr> <td>NA Kc-Ku Bbls</td> <td>MCF</td> <td>Bbls</td> <td>CFPB</td> <td></td> </tr> </tbody> </table>	Oil	Gas	Water	Gas-Oil Ratio	Gravity	NA Kc-Ku Bbls	MCF	Bbls	CFPB	
Oil	Gas	Water	Gas-Oil Ratio	Gravity							
NA Kc-Ku Bbls	MCF	Bbls	CFPB								

**METHOD OF COMPLETION**

**PRODUCTION INTERVAL**

Disposition of gas:  vented  sold  used on lease  
 open hole  perforation  other (specify) .....  
 Dually Completed.

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 Production	10" 2 7/8 10Rnd	6 5/8 5 5/8"	15 6.7	20 787	Neat Pozz	5 110	None 2% NaCl

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
7/4.5'	715-719.5	NA	

THIRING RECORD

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 # 9690  
name Prairie Resources Corporation  
address 7800 West 110th Street  
Suite 122  
City/State/Zip Overland Park, Kansas 66210

Operator Contact Person Nick Powell  
Phone (913) 451-3807

Contractor: license # 6849  
name Layne-Western Co.

Wellsite Geologist  
Phone

PURCHASER Amoco Production Co.

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

Spate Date Reached TD Completion Date  
787 762  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 20 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from 0 feet depth to 20 w/ 5 SX cmt

API NO. 15-091-21553

County Johnson

SW NE NE Sec. 19 Twp. 14 Rge. 24

4070 Ft North from Southeast Corner of Section  
935 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

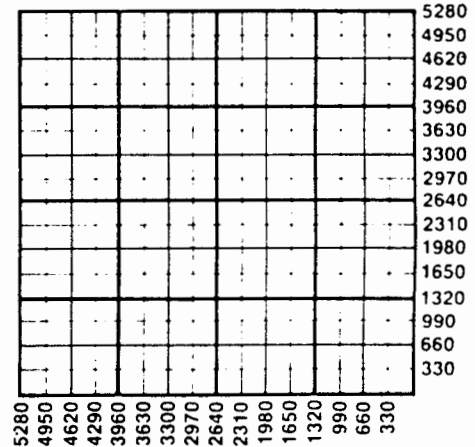
Lease Name Effertz Well# 8G

Field Name Paola-Rantoul Northeast

Producing Formation Lower Squirrel

Elevation: Ground 1078 KB 1081

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of

Sec Twp Rge  East  West

Surface Water 4055 Ft North From Southeast Corner and  
(Stream, Pond etc.) 935 Ft West From Southeast Corner

Pit Sec 19 Twp 14 Rge 24  East  West

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

Disposition of Produced Water:  Disposal  Repressuring

Docket #

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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.

Operator Name Prairie Energy Corp. Lease Name Effertz Well# 8G SEC 19 TWP. 14 RGE. 24  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

See attached driller's log

Name	Top	Bottom
b/Hertha		361
b/Ft. Scott		642
Lower Squirrel	719	- 725.5

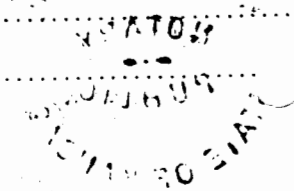
<b>TUBING RECORD</b>	size	set at	packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
5/1/86					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	3	0	0		28°
	Bbls	MCF	Bbls	CFPB	

**METHOD OF COMPLETION**  
 Disposition of gas:  vented  open hole  perforation  
 sold  other (specify) \_\_\_\_\_  
 used on lease

**PRODUCTION INTERVAL**

**KANSAS GEOLOGICAL SURVEY**  
**WICHITA BRANCH**

FEB 6 1987



<b>CASING RECORD</b> <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	10"	6.5/8"	15	20	Neat	5	None
Production	5.5/8"	2.7/8. 10Rnd	6.7	762	Pozz	107	2% NaCl

<b>PERFORATION RECORD</b>		<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
10/6.25	719 - 725.5	1,000 lbs sand with 40 bbls gelled water	719-725

19-14-24E ✓

**Layne-Western Company, Inc.** A Marley Company

620 South 38th Street • P.O. Box 6126 • Kansas City, Kansas 66106 • 913/321-5000

4-14-24E

November 20, 1985

Prairie Resources  
7800 West 110th Street - Suite 122  
Overland Park, Kansas 66210

SUBJECT: EFFERTZ LEASE  
WELLS NO. 8-G AND 4-E

Gentlemen:

Our drilling crew has completed the drilling of the two (2) above mentioned wells on the Effertz Lease. Enclosed are copies of the driller's logs and our invoices for this service work.

Well No. 8-G was drilled to a total depth of 787 feet. Twelve and one-half (12-1/2) feet of three (3) inch diameter core was recovered from 713.5 feet to 726 feet.

Upon completion, 766.5 feet of 2-7/8 inch O.D. pipe was cemented inside the 5-5/8 inch drilled hole.

Well No. 4-E was drilled to a total depth of 767 feet. Fourteen (14) feet of three (3) inch diameter core was recovered from 690 feet to 704 feet.

Upon completion, 766 feet of 2-7/8 inch O.D. pipe was cemented in place inside the 5-5/8 inch drilled hole.

Thank you very much for allowing Layne-Western Company to be of service for your drilling needs on this lease.

Yours truly,

*Bo Russell*  
Bo Russell

BR/lsw

Enclosures

STATE CORPORATION COMMISSION

SEP - 5 1985

Wichita, Kansas

FEB 6 1987

FEB 4 1987



TEST BORING LOG

**19-14-246**

ect Prairie Resources

Boring No. 8-G

Sheet 1 of 3

Effertz Lease

Surface Elevation \_\_\_\_\_ Offset \_\_\_\_\_

ress Sec. 19, T. 14S, R. 24 E

Date Started 10/24/85 Completed 10/31/85

& State Johnson County, Kansas

Driller V. R. Campbell Rig D-15

Abbreviations: A.O. - Auger Only R.B. - Rock Bit C.W. - Core Water  
 H.A. - Hollow Auger S.S. - Split Spoon C.A. - Core Air  
 W.B. - Wash Bore S.T. - Shelby Tube F.B. - Finger Bit

DEPTH		METHOD	PENETRATION RECORD		CORE RECOVERY	SAMPLE DESCRIPTION COLOR - MATERIAL - MOISTURE - CLAY CONSISTENCY SAND DENSITY
FROM	TO		POCKET PENETRO-METER	NO. OF BLOWS		
0.0'	7.0'	RB				Brown clay
7.0'	14.0'	RB				Gray limestone
14.0'	20.0'	RB				Gray shale
20.0'	22.0'	RB				Black shale
22.0'	25.0'	RB				Gray shale
25.0'	30.0'	RB				Gray limestone
30.0'	35.0'	RB				Gray shale
35.0'	55.0'	RB				Gray limestone
55.0'	70.0'	RB				Gray shale
70.0'	83.0'	RB				Gray limestone
83	167.0'	RB				Gray shale
67.0'	192.0'	RB				Gray limestone
92	210.0'	RB				Gray shale
10.0'	213.0'	RB				Red shale
13.0'	219.0'	RB				Gray shale
19.0'	225.0'	RB				Gray limestone

MARKS: (Casing, Water Loss, Etc.)

Water Level \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_  
 STATE CORPORATION COMMISSION (Completion)

**SEP 5 1986**

**FEB 6 1987**

STATE CORPORATION COMMISSION  
 OBSERVATION DIVISION  
 WICHITA, KANSAS

STATE CORPORATION COMMISSION

**FEB 4 1987**

**Wynne-Western Company, Inc.**

TEST BORING LOG

19-1-24E ✓

Project Prairie Resources

Boring No. 8-G

Sheet 2 of 3

Effertz Lease

Surface Elevation \_\_\_\_\_ Offset \_\_\_\_\_

Address \_\_\_\_\_

Date Started 10/24/85 Completed 10/31/85

City & State \_\_\_\_\_

Driller V. R. Campbell Rig D-15

Abbreviations: A.O. - Auger Only R.B. - Rock Bit C.W. - Core Water  
 H.A. - Hollow Auger S.S. - Split Spoon C.A. - Core Air  
 W.B. - Wash Bore S.T. - Shelby Tube F.B. - Finger Bit

DEPTH		METHOD	PENETRATION RECORD		CORE RECOVERY	SAMPLE DESCRIPTION COLOR-MATERIAL-MOISTURE-CLAY CONSISTENCY SAND DENSITY
FROM	TO		POCKET PENETRO-METER	NO. OF BLOWS		
22 <sup>5</sup> 0'	230.0'	RB				Gray shale
230.0'	235.0'	RB				Gray limestone
235.0'	283.0'	RB				Gray shale
283.0'	308.0'	RB				Gray limestone
308.0'	309.0'	RB				Black shale
309.0'	315.0'	RB				Gray shale
315.0'	338.0'	RB				Gray limestone
338.0'	340.0'	RB				Black shale
340.0'	357.0'	RB				Gray limestone
357.0'	535.0'	RB				Gray sandy shale
535.0'	540.0'	RB				Gray limestone
540.0'	545.0'	RB				Gray shale
545.0'	546.0'	RB				Gray limestone
546.0'	553.0'	RB				Gray shale
553.0'	557.0'	RB				Gray limestone
557.0'	579.0'	RB				Gray shale

REMARKS: (Casing, Water Loss, Etc.)

Water Level \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_  
 STATE CORPORATION COMMISSION  
 STATE CORPORATION COMMISSION  
 SEP - 5 1985 FEB 4 1987 (Completion)

**Rayne-Western Company, Inc.**

FEB 6 1987

CONSERVATION DIVISION  
 WICHITA, KANSAS

**TEST BORING LOG**

**19-14**

Client Prairie Resources  
Effertz Lease

Boring No. 8-G Sheet 3 of 3

Surface Elevation \_\_\_\_\_ Offset \_\_\_\_\_

Address \_\_\_\_\_

Date Started 10/24/85 Completed 10/31/85

County & State \_\_\_\_\_

Driller V. R. Campbell Rig D-15

Abbreviations: A.O. - Auger Only R.B. - Rock Bit C.W. - Core Water  
H.A. - Hollow Auger S.S. - Split Spoon C.A. - Core Air  
W.B. - Wash Bore S.T. - Shelby Tube F.B. - Finger Bit

DEPTH		METHOD	PENETRATION RECORD		CORE RECOVERY	SAMPLE DESCRIPTION COLOR-MATERIAL-MOISTURE-CLAY CONSISTENCY SAND DENSITY
FROM	TO		POCKET PENETRO-METER	NO. OF BLOWS		
79.0'	581.0'	RB				Brown limestone
81.0'	582.0'	RB				Black shale
82.0'	591.0'	RB				Gray shale
91.0'	595.0'	RB				Gray limestone
95.0'	624.0'	RB				Gray shale
24.0'	625.0'	RB				Black shale
25.0'	680.0'	RB				Gray shale
30.0'	713.5'	RB				Dark gray sandy shale
13.5'	717.0'	CW1				Brown sandstone, oil
17.0'	725.0'	CW1				Gray shaly sand
25.0'	726.0'	CW1			12.5'	Gray shale
26.0'	737.0'	RB				Gray shale
37.0'	739.0'	RB				Black shale
39.0'	787.0'	RB				Gray shale
37.0'	Total depth					

MARKS: (Casing, Water Loss, Etc.)

Water Level \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_

Drilled 9-7/8" hole to 21' and cemented in 21' of 6-1/4" ID pipe; (Completion)

Drilled 5-5/8" hole to 787' and cemented in 766.5' of 9-7/8" OD pipe.

**Western Company, Inc.**

FEB 6 1987

CONSERVATION DIVISION  
Wichita Kansas