

FORM MUST BE TYPED

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

SIDE ONE

API NO. 15- 091-22,565

18-14-24E

County Johnson

- NW - SE - SE Sec. 18 Twp. 14 Rge. 24 X E W

1195 Feet from SW (circle one) Line of Section

655 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Effertz Well # 9R

Field Name Paola-Rantoul Northeast

Producing Formation Squirrel

Elevation: Ground Unknown KB

Total Depth 745 PBDT 737

Amount of Surface Pipe Set and Cemented at 21.75 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 745

feet depth to Surface w/ 103 sx cmt.

Operator: License # 5150

Name: Colt Energy, Inc.

Address P.O. Box 388

City/State/Zip Topeka, Kansas 66649

Purchaser: Koch Oil Company

Operator Contact Person: Dennis Kershner

Phone (316) 365-3111

Contractor: Name: Evans Energy Dev., Inc.

License: 8509

Wellsite Geologist:

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SUD SLOW Temp. Abd.

Gas ENHR SIGN

Dry Other (Core, WSW, Expl., Cathodic

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SUD

Plug Back PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SUD or Inj?) Docket No.

9-1-93 9-7-93 11-5-93

Spud Date Date Reached TD Completion Date

DEC 02 1993

Chloride content 1000 ppm Fluid volume 80 bbls

Deaerating method used Pumped Out

Location of fluid disposal if hauled offsite:

Operator Name Colt Energy, Inc.

Lease Name Effertz License No. 5150

SE Quarter Sec. 19 Twp. 14 S Rng. 24 E/X

County Johnson Docket No. E-25,381

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 Dennis Kershner

Title Office Manager Date 11-23-93

Subscribed and sworn to before me this 1st day of December, 1993.

Notary Public Shirley A. Stotler

Date Commission Expires 1-20-96

SHIRLEY A. STOTLER  
Notary Public - State of Kansas  
My Appl. Expires 1-20-96

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received N/A  
C Geologist Report Received

Distribution  
KCC SUD/Rep NGPA  
KGS Plug Other (Specify)

Form ACO-1 (7-91)

## SIDE TWO

Operator Name Colt Energy, Inc. Lease Name Effertz Well # 9R  
 Sec. 18 Twp. 14 Rge. 24 ☒ East ☐ West  
 County Johnson

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  
 (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 Formation (Top), Depth and Datum ☐ Sample  
 Name Top Datum  
 See Attached Drillers Log

## 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	9 7/8"	7"	17#	21.75	Neat	5sxs	-----
Production	5 5/8"	2 7/8"	6.4	736.60	Posmix 50-50	103sxs	2%Gel

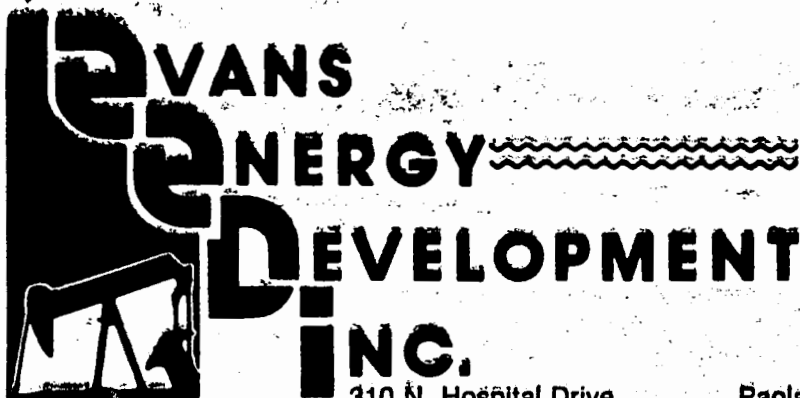
## ADDITIONAL CEMENTING/SQUEEZE RECORD

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 Squeeze Record (Amount and Kind of Material Used)	Depth
2	708-712	50gals HCL	708-712
	2" DML - RTG	2500# 10/20sand	
		85 bbls 15#Gel Water	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 11-8-93	Producing Method <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 1 Bbls.	Gas Mcf	Water 1 Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval  
☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
 (If vented, submit ACO-18.) ☐ Other (Specify) \_\_\_\_\_



310 N. Hospital Drive

Paola, Kansas 66071

Custom  
oil & gas  
drilling  
Lease Development

(913) 294-9083

WELL LOG

Effertz - #9R

Colt Energy, Inc.

API #15-091-22,565

September 1 - September 7, 1993

Thickness of Strata	Formation	Total
8	soil & clay	8
4	lime	12
9	shale	21
6	lime	27
6	shale	33
14	lime	47
24	shale	71
16	lime	87
78	shale	165
25	lime	190
18	shale	215
6	lime	221
3	shale	224
9	lime	233
48	shale	281
25	lime	306
9	shale	315
19	lime	334
5	shale	339
15	lime	354-base of the Kansas City
180	shale	534
5	lime	539
10	shale	549
7	lime	556
7	sand	563
14	shale	577
4	lime	581
9	shale	590
5	lime	595
44	shale	639
7	sand	646
33	shale	679
1	shale & shells	680
25	shale	705
1.4	silty shale	706.4-1 or 2 very thin brown sand laminations
.4	sand & shale	706.8-very laminated gray shale & sand, slight bleed
.7	shale	707.5

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Wichita, Kansas

Effertz - #9R (con't)

.3	sand & shale	707.8-30% bleeding brown sand, 70% shale
.2	shale	708
.6	sand & shale	708.6-40% bleeding sand, 60% shale
2.3	sand	710.9-light bleeding
.3	shale	711.2
.7	sand & shale	711.9-15% bleeding sand, 85% shale
1.2	shale	713.1
.1	sand & shale	713.2-40% bleeding sand, 60% shale
31.8	shale	745-TD

Set 21.75' of 7" Threaded & Coupled Surface Casing.

Set the top of the Seating Nipple at 703.05'. Set a total of 736.60' of new 2 7/8" 10 Round Tubing including 6 Scratchers, 3 Centralizers, 1 Seating Nipple, 1 Coupling, 1 Float Shoe, 1 Clamp.

Lower Squirrel Core Times

	<u>Min.</u>	<u>Sec.</u>
706	2	50
707	2	20
708	2	40
709	1	50
710	1	05
711	1	10
712	1	25
713	1	20
714	2	05
715	3	00
716	2	45
717	3	10
718	3	05
719	3	05
720	3	20

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