19-14-24E

COPY

SIDE ONE

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

Operator: License # 5150

Name: Colt Energy, Inc.

Address P.O. Box 388

Iola, Kansas

City/State/Zip Iola, Kansas 66749

Purchaser: Texaco Trading & Transportation

Operator Contact Person: Dennis Kershner

Phone (316) 365-3111

Contractor: Name: Evans Energy Dev., Inc.

License: 8509

Wellsite Geologist: None

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

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

If OWWO: old well info as follows:
Operator:

Well Name:

Comp. Date ____ Old Total Depth ____

Drilling Method:
____ Mud Rotary X Air Rotary ____ Cable

8-7-91	8-9-91	9-24-91
Spud Date	Date Reached TD	Completion Date

API NO. 15- 091-22,354

County Johnson

NW NW NE Sec. 19 Twp. 14 Rge. 24 XX East ____ West

4900 4916 FSL Ft. North from Southeast Corner of Section

2230 2254 FEL Ft. West from Southeast Corner of Section
KCC Record (NOTE: Locate well in section plat below.)

Lease Name Effertz Well # 2K

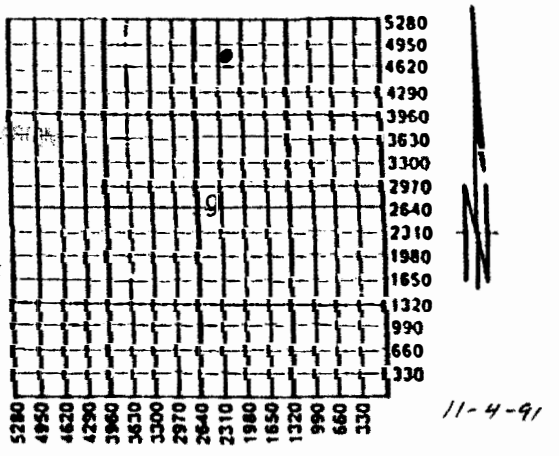
Field Name Paola-Rantoul Northeast

Producing Formation Squirrel

Elevation: Ground --- KB ---

Total Depth 760 PBTD 743.5

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Amount of Surface Pipe Set and Cemented at 20.8 Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from Surface

feet depth to 760 w/ 104 sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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

SHIRLEY A. STOTLER
Notary Public - State of Kansas
My Appt. Expires 10-30-91

Title Office Manager

Subscribed and sworn to before me this 30th day of October, 19 91.

Notary Public Shirley A. Stotler

Date Commission Expires 10-30-92

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)

SIDE TWO

Operator Name Colt Energy, Inc. Lease Name Effertz Well # 2K

Sec. 19 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 (Attach Additional Sheets.)	☐ Yes	☒ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☒ Yes	☐ No
Electric Log Run (Submit Copy.)	☐ Yes	☐ No

Formation Description

☐ Log ☒ Sample

Name	Top	Bottom
Base KC LS		361
Squirrel SS	714	720

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	20.8	Neat	6	----
Injection	5 5/8	2 7/8	6.4	743.5	Posmix	104	2% Gel

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	715-720	5sx 12x30 Sand	715-720

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☐ No

Date of First Production Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ■ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION ☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled ☐ Other (Specify) _____

Production Interval

19-14-24E

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EVANS ENERGY DEVELOPMENT INC.
310 N. Hospital Drive Paola, Kansas 66071 (913) 294-9083

Custom
oil & gas
drilling
Lease Development

WELL LOG
Effertz #2-K
Colt Energy, Inc.
API #15-091-22,354
August 7-9, 1991

Thickness of Strata	Formation	Total
7	soil & clay	7
7	lime	14
10	shale	24
8	lime	32
6	shale	38
12	lime	50
24	shale	74
15	lime	89
83	shale	172
24	lime	196
27	shale	223
5	lime	228
4	shale	232
8	lime	240
48	shale	288
24	lime	312
10	shale	322
19	lime	341
4	shale	345
16	lime	361-Base of the Kansas City
44	shale	405
4	lime	409
132	shale	541
6	lime	547
4	shale	551
3	lime	554
5	shale	559
7	lime	566
7	sand	573
13	shale	586
4	lime	590
10	shale	600
5	lime	605
42	shale	647
9	sand	656-limey
58	shale	714
.2	lime	714.2-brown, few bleeding fractures
.2	sand	714.4-bleeding well
.3	lime	714.7

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4	sand	718.7-bleeding well
.9	sand & shale	719.6-40% bleeding sand, 60% shale laminations
.3	shale	719.9
.3	sand & shale	720.2-20% bleeding sand
.1	sand	720.3-bleeding well
39.7	shale	760-TD

Set 20.8' of 7" T & C Surface Casing
Set a total of 743.55' of 2 7/8" 10 round tubing, including 7 scratchers, 3 centralizers, 1 float shoe and 1 clamp.

Lower Squirrel Core Times

	Min.	Sec.
715	2	45
716	2	00
717	1	45
718	1	20
719	1	55
720	3	00
721	3	00
722	3	30
723	4	30
724	4	30
725	4	35

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