

COPY

19-14-24E

OCT 31 1991

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 66749
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
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ Temp. Abd.
☐ Gas ☒ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWM: old well info as follows:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:

☐ Mud Rotary ☒ Air Rotary ☐ Cable

8-14-91 8-16-91 9-24-91
Spud Date Date Reached TD Completion Date

API NO. 15- 091-22,356

County Johnson

SW NW NE Sec. 19 Twp. 14 Rge. 24 ☒ East ☐ West

4365 Ft. North from Southeast Corner of Section

2620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

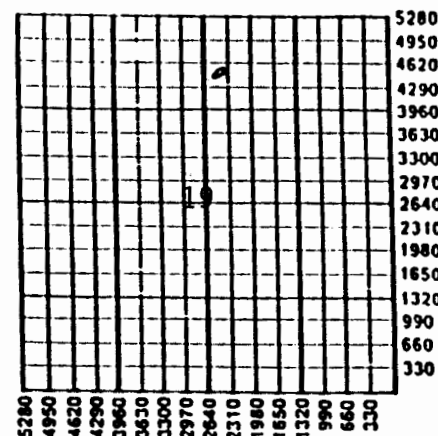
Lease Name Effertz Well # 01

Field Name Paola-Rantoul Northeast

Producing Formation Squirrel

Elevation: Ground --- KB ----

Total Depth 742 PBTD 730



11-4-91

Amount of Surface Pipe Set and Cemented at 22.1 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from Surface

feet depth to 742 w/ 103 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 _____

Title Office Manager

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

Notary Public Shirley A. Stoller

Date Commission Expires 1-20-92

SHIRLEY A. STOLLER
Notary Public - State of Kansas
My Comm. Expires 1-20-92

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 EffertzWell # 01☒ EastCounty JohnsonSec. 19 Twp. 14 Rge. 24☐ West

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 ☐ NoElectric Log Run
(Submit Copy.)☐ Yes ☐ No

Formation Description

☐ Log ☒ Sample

Name

Top

Bottom

Base KC LS

344

Squirrel SS

698

705

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 Injection	9 7/8 5 5/8	17 2 7/8	17 6.4	22.1 730	Neat Posmix	6 103	--- 2%Gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

1	968-705

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used) Depth

5sx 12x30 Sand	698-705

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:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled☐ Other (Specify) _____

19-145-24E

FORM MUST BE TYPED

SIDE ONE

COPY

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

City/State/Zip Iola, Kansas 66749
Purchaser: Koch Oil Company, Inc.
Operator Contact Person: Dennis Kershner
Phone (316) 365-3111
Contractor: Name: Evans Energy Dev., Inc.
License: 8509
Geologist: John Golson

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☒ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBD
☐ Cemented ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) Docket No. _____
6-16-93 6-18-93 6-23-93
Spud Date Date Reached TD Completion Date

API NO. 15- 091-22,563
County Johnson XX ☐ E ☐ V
NE NE NE Sec. 19 Twp. 14 Rge. 24
4900 Feet from S/W (circle one) Line of Section
410 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Effertz Well # 10K
Field Name Paola-Rantoul Northeast
Producing Formation Squirrel
Elevation: Ground Unknown KB -----
Total Depth 750 PBD 742.4
Amount of Surface Pipe Set and Cemented at 22.35 Feet
Multiple Stage Cementing Collar Used? Yes ☒ No ☐
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 750
feet depth to Surface w/ 109 sx cnt.
Drilling Fluid Management Plan 8-17-93
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Deaerating method used Air Drilled
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

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 8-12-93
Subscribed and sworn to before me this 10th day of August 1993.
Notary Public Shirley A. Stotler
Date Commission Expires 1-20-96

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

K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Received
C ☐ Wireline Log Received
C ☐ Geologist Report Received
RECEIVED
AUG 21 1993
Distribution
KCC ☒ SWS/RP ☐ NGPA
KGS ☐ Plug ☒ Other ☐ (Specify)

SIDE TWO

Operator Name Colt Energy, Inc. Lease Name Effertz Well # 10K
 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 ☐ 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

Drillers Log Attached

CASING RECORD

☒ New ☐ Used

Report all strings not-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#	22.35	Neat	5sxs	
Injection	5 5/8	2 7/8	6.4	742	50-50Pozmix	109	2%Gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Rec (Amount and Kind of Material Used)	D
2	2" DML-RTG 685-693	3sx 10/20 sand	685-693

TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☐ No
Date of First, Resumed Production, SUD or Inj.	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:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACD-18)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Conmingled



310 N. Hospital Drive

Pawla, Kansas 66071

Custom
oil & gas
drilling
Lease Development

(913) 294-9083

WELL LOG
Effertz - #10-K
Colt Energy, Inc.
API #15-091-22,563
June 16 - June 18, 1993

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
7	soil & clay	7
17	lime	24
11	shale	35
6	sand	41
4	shale	45
13	lime	58
59	shale	117
15	sand	132-gray, fresh water
16	shale	148
24	lime	172
26	shale	198
5	lime	203
5	shale	208
6	lime	214
49	shale	263
26	lime	289
9	shale	298
19	lime	317
4	shale	321
16	lime	337-base of the Kansas City
181	shale	518
3	lime	521
11	shale	532
8	lime	540
6	sand	546
12	shale	558
4	lime	562
12	shale	574
3	lime	577
19	shale	596
1	lime	597
32	shale	629
6	sand	635
39	shale	674
2	shale & shells	676
11	shale	687
3.6	sand	690.6-clean, bleeding well
.3	shale	690.9
1.2	sand & shale	692.1-85% bleeding sand, 15% shale
.3	shale	692.4
2	sand & shale	694.4-80% bleeding sand, 20% shale

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Effertz - #10-K (con't)

1	sand	695.4-clean, bleeding well
1	shale	696.4
.2	sand & shale	696.6-40% bleeding sand, 60% shale
.8	shale	697.4
.1	sand	697.5-bleeding well
1	shale	698.5
.3	sand	698.8-black, no bleeding
.7	shale	699.5
.3	sand	699.8-black, no bleeding
50.2	shale	750-TD

Set 22.35' of 7" T & C Surface Casing.

Set a total of 742.40' of new 2 7/8" 10 Round Tubing including 6 Scratchers, 3 Centralizers, 1 Float Shoe, 1 Clamp.

Lower Squirrel Core Times

	<u>Min.</u>	<u>Sec.</u>
688		40
689		45
690		50
691	1	00
692	1	05
693	1	05
694	1	00
695	1	00
696	1	05
697	1	15
698	2	15
699	1	20
700	1	30
701	1	50
702	2	15
703	2	00
704	1	55

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