

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: KCC Wichita License # 32621
Name: Key Production Co., Inc.
Address: 1437 S. Boulder, Suite 1300
City/State/Zip: Tulsa, OK 74119
Purchaser: _____
Operator Contact Person: David Cook
Phone: (918) 585-1100
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: _____

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: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. To Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

11/05/02 11/07/02 12/07/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 071-20759
County: Greeley
- C - NW Sec. 2 Twp. 18 S. R. 40 ☐ East ☒ West
1320 feet from S N (circle one) Line of Section
1320 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Byerly Well #: 2
Field Name: Byerly
Producing Formation: Towanda
Elevation: Ground: 3556' Kelly Bushing: 3562'
Total Depth: 3009' Plug Back Total Depth: 2964'
Amount of Surface Pipe Set and Cemented at 324 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 3008
feet depth to surface w/ 635 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the reserve pit)

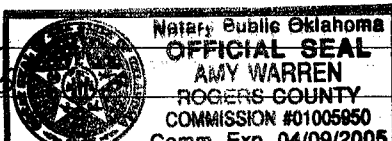
Chloride content Est 2000 ppm Fluid volume Est 1000 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____

Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. ☐ East ☐ West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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 completed and correct to the best of my knowledge.

Signature: Sharon LaValley
Title: Engineer Tech Date: 1/29/03
Subscribed and sworn to before me this 29th day of January,
20 03.
Notary Public: Amy Warren
Date Commission Expires: 4/9/05



KCC Office Use Only

☐ Letter of Confidentiality Attached
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

Operator Name: Key Production Co., Inc. Lease Name: Byerly Well #: 2Sec. 2 Twp. 18 S. R. 40 ☐ East ☒ West County: Greeley

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

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

List All E. Logs Run:

Dual Spaced Neutron, CCL

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	12 1/4"	8 5/8"	23#	324	35/65 Lite POZ C	65	2% CC + 6% D20 1/4# Flocele
					50/50Poz Class C	125	10% Salt & 1/4# Flocele
Production	7 7/8"	5 1/2"	14#	3008	Prem Plus 35/65 Lite Poz C	510	1/4# Flocele
					50/50 Poz Prem Plus C	125	10% slt & 1/4# Flocele

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				

Shot Per Foot	PERFORATIONS 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	U. Ft. Riley 2935-2942	500 gals 15% Hcl acid, 11000 gal linear gel + 14888 lbs 16/30 snd	
2	Towanda 2900-2903		
2	Towanda 2907-2914		
2	Towanda 2918-2924		
TUBING RECORD Size <u>2 3/8</u> Set At <u>2886</u> Packer At		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. 12/07/02		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 Bbbls 0	Gas Mcf 353	Water Bbbls 36
			Gas-Oil Ratio Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If Vented, Submit ACO-18)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 2900-2942
☐ Other (Specify) _____