

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

15-009-19039-0001  
per KCC  
10-31-02

Form AGO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 32062  
Name: ARDC, Inc.  
Address: 108 W. 34th  
City/State/Zip: Hays, KS 67601  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Greg Whitehair  
Phone: (785) 625-6588  
Contractor: Name: NA  
License: NA  
Wellsite Geologist: NA

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

If Workover/Re-entry: Old Well Info as follows:  
Operator: Abandoned, converting to EOR  
Well Name: Lucas #1

Original Comp. Date: 1/60 Original Total Depth: 3387  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
 Plug Back 3187 Plug Back Total Depth  
\_\_\_\_ Commingled Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. E-15,218

8.1.02 8/1/02  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15-009-01037  
County: Barton  
ne sw nw Sec. 4 Twp. 19 S. R. 12  East  West  
3630 feet from (S) N (circle one) Line of Section  
990 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: Lucas Well #: 1  
Field Name: Cheyenne

Producing Formation: Lansing/Kansas City  
Elevation: Ground: 1801 Kelly Bushing: 1805  
Total Depth: 3387 Plug Back Total Depth: 3187  
Amount of Surface Pipe Set and Cemented at 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Workover EH 8.8.02  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
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 complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: President Date: July 31<sup>st</sup> 2002  
Subscribed and sworn to before me this 31<sup>st</sup> day of July,  
2002.  
Notary Public: [Signature]  
Date Commission Expires: 7-11-2005

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: ARDC, Inc. Lease Name: Lucas Well #: 1  
 Sec. 4 Twp. 19 S. R. 12 East  West County: Barton

**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 <input checked="" type="checkbox"/> Yes No (Attach Additional Sheets)  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No  Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes No (Submit Copy)  List All E. Logs Run:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Log Name</th> <th style="width:60%;">Formation (Top), Depth and Datum</th> <th style="width:20%;">Sample Datum</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Log Name	Formation (Top), Depth and Datum	Sample Datum			
Log Name	Formation (Top), Depth and Datum	Sample Datum					

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		8 5/8"	32#	223'		165	
Production		5 1/2"	14#	3383'		150	

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
	3106-10'		
	3130-34'		
4	3164-68'		
	3187' CIBP		
4	3265-72'	1000 gal acid	3265-72

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
		2 3/8"	3183				

Date of First, Resumed Production, SWD or Enhr.		Producing Method			
waiting on permit		Flowing	Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
			100		39

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented    Sold     Used on Lease    Open Hole     Perf.    Dually Comp.     Commingled  
 (If vented, Sumit ACO-18.)       Other (Specify)