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*Handwritten initials*

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

AUG 10 2001

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

KCC

COPY

Operator: License # 32334  
Name: Chesapeake Operating, Inc.  
Address: P. O. Box 18496  
City/State/Zip: Oklahoma City, OK 73154-0496  
Purchaser: Oneok  
Operator Contact Person: Randy Gasaway  
Phone: (405) 848-8000  
Contractor: Name: Murfin Drilg. Rig #20  
License: 30606  
Wellsite Geologist: Wes hansen

API No. 15 - 033-21175  
County: Comanche  
70 S. N/2 N/2 NW Sec. 27 Twp. 32 S. R. 19  East  West  
400 feet from S (N) (circle one) Line of Section  
1320 feet from E (W) (circle one) Line of Section

CONFIDENTIAL

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

Footages Calculated from Nearest Outside Section Corner:  
Lease Name: Pierce Well #: 2-27  
Field Name: Bird East  
Producing Formation: Mississippian  
Elevation: Ground: 1965' Kelly Bushing: 1976'  
Total Depth: 6200' Plug Back Total Depth: 6120'  
Amount of Surface Pipe Set and Cemented at 707' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set NA Feet

Release

MAR 06 2003

From

Confidential

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. \_\_\_\_\_

If Alternate II completion, cement circulated from \_\_\_\_\_  
\_\_\_\_\_ feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

05/09/01 05/23/01 06/29/01  
Spud Date or Date Reached TD Completion Date or Recompletion Date

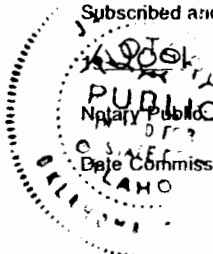
Drilling Fluid Management Plan *See 3-6-03*  
(Data must be collected from the Reserve Pit)  
Chloride content 3800 ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License 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: Randy Gasaway *Randy Gasaway*  
Title: Asset Manager Date: 08/08/01

Subscribed and sworn to before me this 8 day of August



*Jan E. Fair*  
Notary Public  
Date Commission Expires: My Commission Expires Jul. 22, 2004.

**KCC Office Use ONLY**

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

Operator Name: Chesapeake Operating, Inc. Lease Name: Pierce Well #: 2-27  
 Sec. 27 Twp. 32 S. R. 19  East  West County: Comanche

**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)

List All E. Logs Run:  
 DIFL/ZDL/CN/ML/MAC/3CAL/GR

Name	Top	Datum
Heebner	4219	-2243
Lansing	4420	-2444
Marmaton	4892	-2916
Pawnee	4987	-3011
Mississippian	5114	-3138
Simpson Shale	6048	-4072
Arbuckle	6111	-4135

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	# Sacs Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24#	707'	Lite Cl. C	250 100	
Production	7-7/8	5-1/2	15#	6200'	Cl. H.	350	

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	5121-5135'; 5144-50'; 5224-31'	4500 gal 20% NE-FE HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5142'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
06/29/01	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	43	749	3	17,419:1 40

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval