

Handwritten initials

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 32334
Name: Chesapeake Operating, Inc.
Address: P. O. Box 18496
City/State/Zip: Oklahoma City, OK 73154-0496
Purchaser: Duke
Operator Contact Person: Randy Gasaway

Phone: (405) 848-8000
Contractor: Name: Cheyenne Drilling, Inc.
License: 5382
Wellsite Geologist: None

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. _____

11/17/02 11/19/02 01/04/03
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 075-20802
County: Hamilton
Approx SE NW NE Sec. 33 Twp. 22 S. R. 40 East West

4030 feet from (S) N (circle one) Line of Section
1390 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW

Lease Name: Bradshaw Well #: 4-33

Field Name: Bradshaw

Producing Formation: Winfield

Elevation: Ground: 3464' Kelly Bushing: 3469'

Total Depth: 2800' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 347' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set NA Feet

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

Drilling Fluid Management Plan MET ALT 2 PER DISTRICT 1
(Data must be collected from the Reserve Pit)

Chloride content 1500 ppm Fluid volume 994 6/06/03 bbls

Dewatering method used RELEASED

Location of fluid disposal if hauled offsite: ASSET FIELD
KANSAS CORPORATION COMMISSION

Operator Name: _____ MAR 15 2004

Lease Name: FEB 24 2003 License No. FROM CONFIDENTIAL

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: CONSERVATION DIVISION WICHITA, KS 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
Title: Asset Manager Date: 02/19/03
Subscribed and sworn to before me this 19th day of February, 2003
Notary Public: Jan 2 Caldwell

Date Commission Expires: 11/29/04
COMM # 00019692

SARA L. CALDWELL
Oklahoma County
Notary Public in and for
State of Oklahoma
My commission expires Nov. 29, 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: Bradshaw Well #: 4-33
 Sec. 33 Twp. 22 S. R. 40 East West County: Hamilton

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Dual Induction, Micro, Neutron Density	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Herington</td> <td>2532</td> <td>+937</td> </tr> <tr> <td>Krider</td> <td>2567</td> <td>+902</td> </tr> <tr> <td>Winfield</td> <td>2612</td> <td>+857</td> </tr> <tr> <td>Towanda</td> <td>2654</td> <td>+815</td> </tr> </tbody> </table>	Name	Top	Datum	Herington	2532	+937	Krider	2567	+902	Winfield	2612	+857	Towanda	2654	+815
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Herington	2532	+937														
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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#	347'	C1. C Lite C1. C	100 100	3% cc 1/4# FloSeal
Production	7-7/8	4-1/2	10.5#	2805'	ADHL Lite C1. C	425 150	1/4# FloSeal

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	2613-19'; 2623-31' Winfield	Frac down 4-1/2" csg w/36 bbls 303 bbls of fluid & 18,000# 12/20 Ottawa sand	15% HCL

TUBING RECORD		Size 2-3/8"	Set At 2734'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 01/04/03		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 Bbls. 0	Gas Mcf 200	Water Bbls. 100	Gas-Oil Ratio 0	Gravity NA

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Sumit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval
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