

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32334
Name: Chesapeake Operating, Inc.
Address: P. O. Box 18496
City/State/Zip: Oklahoma City, OK 73154-18496
Purchaser: Duke
Operator Contact Person: Randy Gasaway/Barbara Bale
Phone: (405) 848-8000
Contractor: Name: Murfin Drlg #20
License: 30606
Wellsite Geologist: Geodynamic

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. _____

11/10/00 11/19/00 12/21/00
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 025-21218

County: Clark

C NW Sec. 21 Twp. 34S S. R. 25 ☐ East ☒ West

1320 feet from S ☒ (circle one) Line of Section

1320 feet from E ☒ (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE ☒ NW SW

Lease Name: Burns Well #: 1-21

Field Name: McKinney

Producing Formation: Chester

Elevation: Ground: 2044' Kelly Bushing: 2055'

Total Depth: 5850' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 825' 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 Alt 1 4/4/01 JB
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: MAY 21 2002

Operator Name: _____

Lease Name: _____

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: Barbara J. Bale

Title: Regulatory Analyst Date: 01/15/01

Subscribed and sworn to before me this 15th day of January

19 2001

Notary Public: [Signature]

Date Commission Expires: 08-24-04

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: Burns Well #: 1-21
 Sec. 21 Twp. 34 S. R. 25 ☐ East ☒ West County: Clark

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:

Reeves - CNS/PDS, DIS, MLS

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

Name	Top	Datum
Heebner	4326'	-2271
Lansing	4482	-2427
Cherokee Shale	5342	-3287
Morrow Shale	5623	-3568
Chester	5642	-3587
RTD	5850'	-3795

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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	825'	Lite CL. C	275 150	
Production	7-7/8"	4-1/2"	11.6#	5850'	Cl. H	400	

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	5717-5737' 41 shots	1000 gal 15% acid	

TUBING RECORD		Size 2-3/8"	Set At 5700'	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumerd Production, SWD or Enhr. 12/21/2000			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 0	Bbls.	Gas 15	Mcf	Water 60	Bbls.	Gas-Oil Ratio NA	Gravity NA

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, Sumit ACO-18.)

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