

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

COPY

Operator: License # 32334

Name: Chesapeake Operating, Inc.

Address: P. O. Box 18496

City/State/Zip: Oklahoma City, OK 73154-0496

Purchaser: BP Amoco

Operator Contact Person: Randy Gasaway

Phone: (405) 848-8000

Contractor: Name: Murfin Drilling

License: 30606

Wellsite Geologist: Wes Hansen

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.

☒ Gas ☐ ENHR ☐ SIGW

☐ Dry ☐ Other (Core, WSW, Expl., Calmotic, 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.

05/31/02 06/10/02 07/11/02

Spud Date or Date Reached TD Completion Date or

Recompletion Date Recompletion Date

API No. 15 - 081-21445

County: Haskell

N. E/2E/2 SE Sec. 24 Twp. 29 S. R. 33

1420 feet from S/ N (circle one) Line of Section

330 feet from E/ W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Brennan Well #: 2-24

Field Name: Lemon NE

Producing Formation: Morrow-Cherokee-Atoka

Elevation: Ground: 2922' Kelly Bushing: 2933'

Total Depth: 5620 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at 1875 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, show depth set 3189' Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 1000 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

Title: Asset Manager Date: 07/30/02

Subscribed and sworn to before me this 31 day of July

Notary Public: Fair

Date Commission Expires Jul. 22, 2004.

Commission # 00010306

KCC Office Use ONLY

☒ Letter of Confidentiality Attached

If Denied, Yes ☐ Date:

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution

Release

AUG 18 2003

From

Confidential

Operator Name: Chesapeake Operating, Inc. Lease Name: Brennan Well #: 2-24-
 Sec. 24 Twp. 29 S. R. 33 ☐ East ☒ West County: Haskell

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. Attach extra sheets 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:
 DIL/MEL/CDL/CNL

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

Name	Top	Datum
Heebner Shale	4094	-1161
Lansing	4109	-1256
Marmaton	4689	-1756
Cherokee Shale	4934	-2001
Morrow Shale	5245	-2312
St. Genevieve	5490	-2557

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#	1875	Lite Cl. C	600 150	1/4# Floseal
Production	7-7/8"	5-1/2	15.5#	5620	Cl. H	300	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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	5325-5332' Morrow	700 gal 15% HCL, 218,000 scf N ₂	
2	5230-5234' Cherokee	47,660# 20/40 Ottawa Sand	
1	5118-20; 5100-02' 1st Stg -60 gal 2% KCL, 1250 gal NEFE		
	5072-74' Atoka 2nd Stg -107 gal 2% KCL, 36 bbls 15% NE-Fe HCL		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	5404	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
07/11/02	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	4	390	15	97,500 40

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled Morrow, Cherokee, Atoka
☐ Other (Specify)