

COPY *Final*

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

**CONFIDENTIAL**

Operator: License # 22334  
Name: Chesapeake Operating, Inc.  
Address P. O. Box 18496  
  
City/State/Zip Okla. City, OK 73154-0496

Purchaser: \_\_\_\_\_  
Operator Contact Person: Jim Gowens/Barbara Bale

Phone ( 405 ) 848-8000

Contractor: Name: Murfin Drl. #22

License: 30606

Wellsite Geologist: Hickman

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:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
06/21/99 06/29/99 07/31/99  
Spud Date Date Reached TD Completion Date

API NO. 15- 025-21185  
County Clark  
- W/2 SE - SE Sec. 17 Twp. 35 Rge. 25  E  
660 Feet from  N (circle one) Line of Section  
990 Feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE,  SE, NW or SW (circle one)  
Lease Name THEIS Well # 4-17  
Field Name McKinney  
Producing Formation Morrow/Chester  
Elevation: Ground 2067' KB 2078'  
Total Depth 6150' PBTD \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 775 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 JTB 1-23-01  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used RECEIVED  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name OCT 12 1999  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. WICHITA Rng. \_\_\_\_\_ E/W  
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 on 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 Bale *Barbara Bale*  
Title Regulatory Analyst Date 10/07/99  
Subscribed and sworn to before me this 7th day of October,  
19 99.  
Notary Public Darryl L. Debus  
Commission Expires 08-24-2000

RELEASED

APR 20 2001

FROM CONFIDENTIAL

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received (MUD LOG)  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

SIDE TWO

Operator Name Chesapeake Operating, Inc.

Lease Name THEIS

Well # 4-17

Sec. 17 Twp. 35S Rge. 25W

East  
 West

County Clark

CONFIDENTIAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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 DIS, CNS/PDS/MLS

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner Shale	4424	-2346
Lansing	4602	-2524
Stark Shale	5178	-3100
Marmaton	5310	-3232
Cherokee Shale	5503	-3425
Atoka	5690	-3612
Morrow Shale	5819	-3741
Chester	5874	-3796

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	12-1/4	8-5/8"	24#	775'	(35/65)poz Cl. C	C' 360 135	
Production	7-7/8	4-1/2"	11.6#	6150'	Cl. H	360	

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	5973-75'; 5968-75'; 5968-71'	1000 gal 15% HCL, 250 bbl slick	wtr
2	5935-51'	Frac: 3000 gal 15% HCL, 21,980#	20/40 Ottawa
2	5866-71'	Frac: 34,300# Sand + 582 bbl gelled wtr	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5823'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.	Producing Method			
07/29/99	<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
	0	596	11	NA
Gravity				

Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval:  Other (Specify) \_\_\_\_\_