

CONFIDENTIAL

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 73154-0496
Purchaser: Duke
Operator Contact Person: Jim Reisch, Barbara Bale
Phone: (405) 848-8000
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: Marvin Harvey

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/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. _____

10/15/03 10/24/03 11/14/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 081-21499-06-00
County: Haskell
E/2 SE SW Sec. 2 Twp. 30 S. R. 34 East West
660 feet from (S) N (circle one) Line of Section
2310 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: MLP Black Well #: 4-2
Field Name: Eubank South
Producing Formation: Chester
Elevation: Ground: 2977' Kelly Bushing: 2987'
Total Depth: 5606' Plug Back Total Depth: 5552'
Amount of Surface Pipe Set and Cemented at 1804 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3120' 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 _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: **RECEIVED**
KANSAS CORPORATION COMMISSION
Operator Name: _____
Lease Name: _____ License No.: **DEC 04 2003**
Quarter _____ Sec. _____ Twp. _____ S. R. **CONSERVATION DIVISION**
County: _____ Docket No.: **WICHITA, KS**

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 reports 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: Jim Reisch
Title: Asset Manager Date: 12/01/03
Subscribed and sworn to before me this _____ day of _____,
20_____.
Notary Public: _____
Date Commission Expires: _____

FROM CONFIDENTIAL -
KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

JAN 13 2010

Operator Name: Chesapeake Operating, Inc. Lease Name: MLP Black Well #: 4-2
 Sec. 2 Twp. 30 S. R. 34 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(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:
 DS, AI, Microlog, Density/Neutron

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Chase	2607	-380
Council Grove	2906	-82
Heebner	4044	+1057
Lansing	4143	-1156
Marmaton	4761	-1774
Cherokee Shale	4932	-1945
Morrow Shale	5263	-2276
St. Genevieve	5460	-2473

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
Surf	12-1/4	8-5/8	24#	1804'	C1. C	775	2% cc
Prod	7-7/8	5-1/2	15.5#	5600'	C1. H	200	
Port Collar				3120'	C1 Lite C1. C	350 150	

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
4	5381-89'	10710 g gel, 47016# 20/40 Sand 509,000 McFN2	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8	5360	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
11/14/03			<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
	0	400	0	NA	

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

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

Production Interval _____

ALLIED CEMENTING CO., INC.

15263

Federal Tax I.D. [REDACTED]

CONFIDENTIAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lake

DATE <u>10-16-03</u>	SEC <u>2</u>	TWP. <u>30S</u>	RANGE <u>34W</u>	CALL TIME <u>5:00 P.M.</u>	ON LOCATION <u>10:00 P.M.</u>	JOB START <u>12:50 AM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>MIP block</u>	WELL # <u>4-2</u>	LOCATION <u>Satanta 1/2 N</u>	COUNTY <u>Taskell</u>	STATE <u>KS</u>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>1/2 W</u>	<u>FROM CONFIDENTIAL</u>				

CONTRACTOR <u>Muffin #21</u>	OWNER <u>Chesapeake OPer.</u>
TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	AMOUNT ORDERED <u>625x 15' 85' 8"</u>
CASING SIZE <u>8 5/8</u>	<u>2% cc + 1/4" Flo-seal 150'sx</u>
TUBING SIZE	<u>ct 2% cc</u>
DRILL PIPE <u>4 1/2</u>	COMMON <u>150 c @ 10.15 1522.50</u>
TOOL	POZMIX @
PRES. MAX <u>500 PSI</u>	GEL @
MEAS. LINE	CHLORIDE <u>18 @ 30.00 540.00</u>
CEMENT LEFT IN CSG. <u>44 FT</u>	Flo Seal <u>156 @ 1.40 218.40</u>
PERFS.	<u>625 15' 85' 8" gel @ 8.60 5375.00</u>
DISPLACEMENT <u>Fresh Water 115 1/2 BBLs</u>	HANDLING <u>844 @ 1.15 970.60</u>
EQUIPMENT	MILEAGE <u>844 x .05 x 40 1688.00</u>
PUMP TRUCK # <u>265</u>	CEMENTER <u>David W.</u>
BULK TRUCK # <u>356</u>	HELPER <u>Eric B.</u>
BULK TRUCK # <u>240</u>	DRIVER <u>Bill M.</u>
	DRIVER <u>Tanner F.</u>

KANSAS CORPORATION COMMISSION

DEC 04 2003

TOTAL 10314.50

REMARKS:

CONSERVATION DIVISION
WICHITA, KS

SERVICE

pipe on bottom Break pipe
pump 625x 15' 85' 8" + 2% cc
+ 1/4" Flo-seal pump 150'sx
+ 2% cc Release Plug Displac
w/ Fresh Water slow rate
Bump Plug Float did hold
Cement did cure

DEPTH OF JOB <u>1804</u>	
PUMP TRUCK CHARGE	<u>1130.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>40 @ 3.50</u>	<u>140.00</u>
PLUG <u>Rubber @ 100.00</u>	<u>100.00</u>

TOTAL 1370.00

CHARGE TO: Chesapeake OPer.
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>5 1/2</u>	
1-Guide Shoes @ 120.00	<u>120.00</u>
1-Bit saver collar @ 320.00	<u>320.00</u>
15-TUBAOL 20's @ 40.00	<u>600.00</u>

TOTAL 1040.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX - 0 -
 TOTAL CHARGE [REDACTED]
 DISCOUNT [REDACTED] IF PAID IN 30 DAYS

SIGNATURE [Signature]

X MARK HURLELAND
PRINTED NAME

[Signature]

ALLIED CEMENTING CO., INC. 14276

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

CONFIDENTIAL

DATE <u>10/25/03</u>	SEC. <u>2</u>	TWP. <u>30S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>5:30 AM</u>	JOB START <u>12:15 PM</u>	JOB FINISH <u>1:15 PM</u>
MLP Black LEASE	WELL # <u>4-2</u>	LOCATION <u>Satanta</u>	<u>2N 8W N/5</u>	RELEASED APR 25 2003	COUNTY <u>Haskell</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Muffin #21
 TYPE OF JOB Cont 5/8 Prod. Csg
 HOLE SIZE 7 7/8 T.D. 5604
 CASING SIZE 5 1/2 15.50" DEPTH 5600
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 3/20
 PRES. MAX 1250 MINIMUM 150
 MEAS. LINE _____ SHOE JOINT 34.51
 CEMENT LEFT IN CSG. 34.51

FROM CONFIDENTIAL

CEMENT
 AMOUNT ORDERED
225 kg class H + 10% gyp-sal 10% salt
1" Hot Seal - 870 FL-160

PERFS. _____
 DISPLACEMENT 132.46 BBL

COMMON	<u>225 skt H</u>	@	<u>8.70</u>	<u>1957.50</u>
POZ MIX		@		
GEL		@		
CEMENT	<u>2.7 gal</u>	@	<u>22.90</u>	<u>618.30</u>
<u>salt</u>	<u>295 skt</u>	@	<u>7.50</u>	<u>180.00</u>
<u>Hot Seal</u>	<u>1350</u>	@	<u>.50</u>	<u>675.00</u>
<u>Gyp-Sal</u>	<u>21 skt</u>	@	<u>17.85</u>	<u>374.85</u>
<u>FL-160</u>	<u>169 #</u>	@	<u>8.00</u>	<u>1352.00</u>
<u>Mud Clean</u>	<u>50 gal</u>	@	<u>.75</u>	<u>37.50</u>
HANDLING	<u>2975 skt</u>	@	<u>1.15</u>	<u>341.55</u>
MILEAGE	<u>5.81 sk/mi</u>			<u>594.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max
 # 300 HELPER Terry
 BULK TRUCK DRIVER T Had
 # 359
 BULK TRUCK DRIVER _____

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 04 2003

TOTAL 6468.20

CONSERVATION DIVISION
WICHITA, KS

REMARKS:

SERVICE

Pump 50 gal Mud Clean Plug Rat Hole
With 15 skt. Cont Plug Meas. Hole with
10 skt cont. Cont 5/8 Csg with 20 skt
Drop Plug Washup Pump Lines
Displace with 4 7/8 N.C.H. 133 BBL
Land Plug Float Held

DEPTH OF JOB	<u>5600 FT</u>		
PUMP TRUCK CHARGE			<u>1428.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>40 mi</u>	@	<u>3.50</u> <u>140.00</u>
PLUG	<u>5 1/2 Rubber</u>	@	<u>60.00</u>
		@	
		@	

TOTAL 1628.00

CHARGE TO: Chesapeake
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>1-8 3/4 AFU LNS-H</u>	@	<u>242.00</u>
<u>3-8 3/4 Centralizer</u>	@	<u>33</u> <u>99.00</u>
<u>1-8 3/4 Cement Basket</u>	@	<u>165.00</u>
	@	
	@	

TOTAL 506.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE [REDACTED]
 DISCOUNT [REDACTED] IF PAID IN 30 DAYS

SIGNATURE [Signature]

MARK KNEELAND
PRINTED NAME

ALLIED CEMENTING CO., INC. 14796

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

RELEASED
APR 25 2003

SERVICE POINT: oakley

DATE <u>11-11-03</u>	SEC. <u>2</u>	TWP. <u>30's</u>	RANGE <u>34w</u>	CALLED OUT	ON LOCATION <u>9:20 AM</u>	JOB START <u>11:00 AM</u>	JOB FINISH <u>1:30 PM</u>
BASE <u>MLP Black</u>	WELL.# <u>4-2</u>	LOCATION <u>Satanta 1/2 N 1/2 W 1/5</u>			COUNTY <u>askell</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Superior
 TYPE OF JOB Part Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 3/8 DEPTH 3128'
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 3128'
 PRES. MAX 3000# MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Same
 CEMENT AMOUNT ORDERED
350 sks Lite 1/4" Flo Seal
150 sks Class C
 COMMON 150 sks @ 10.15 = 1522.50
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
Lite 350 sks @ 7.75 = 2712.50
Flo Seal 88# @ 1.40 = 123.20
 @ _____
 @ _____
 @ _____
 HANDLING 500 sks @ 1.15 = 575.00
 MILEAGE 54 /sk/mile = 875.00

EQUIPMENT

PUMP TRUCK CEMENTER Dean
 # 373-281 HELPER Andrew
 BULK TRUCK
 # 361 DRIVER Lannie
 BULK TRUCK
 # 218 DRIVER Mike

TOTAL ~~6000.00~~
5808.20

REMARKS:

Port Collar at 3128' pressure Tool
to 3000# OK, open Tool pump
had Blow, mix 350 sks Lite
1/4" Flo Seal Had Blow & loss it then
circulated, started mix Tool 150
sk of C lost circulation, cement
did not circulate, ran 2 1/2 hr reverse
Tool clean after closing Tool + press
3000# OK, reverse hole with KCL water

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 650.00
 EXTRA FOOTAGE @ _____
 MILEAGE 35 miles @ 3.50 = 122.50
 PLUG @ _____
 @ _____
 @ _____

TOTAL 772.50

CHARGE TO: Chesapeake Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

RECEIVED
KANSAS CORPORATION COMMISS

DEC 04 2003

CONSERVATION DIVISION
WICHITA, KS

TOTAL _____

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

PRINTED NAME _____