

**CONFIDENTIAL**

**ORIGINAL**

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # #32334  
 Name: Chesapeake Operating, Inc.  
 Address: P. O. Box 18496  
 City/State/Zip: Oklahoma City, OK 73154-0496  
 Purchaser: Chesapeake Energy Marketing Inc. via Oneok  
 Operator Contact Person: Jim Reisch, Aletha Dewbre  
 Phone: (405) 848-8000  
 Contractor Name: Murfin Drilling Rig #21  
 License: 30606  
 Wellsite Geologist: Wes Hanson  
 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. \_\_\_\_\_  

<u>4/22/06</u>	<u>5/2/06</u>	<u>6/7/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

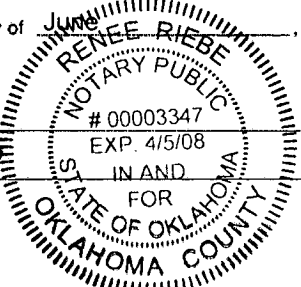
API No. 15 - 189-22519  
 County: Stevens  
1/2 SE Sec. 4 Twp. 33 S. R. 36  East  West  
1320 feet from  N (circle one) Line of Section  
1650 feet from  W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Lemert Well #: 4-4  
 Field Name: Walkemeyer  
 Producing Formation: Morrow  
 Elevation: Ground: 3,036' Kelly Bushing: 3,047'  
 Total Depth: 6,501' Plug Back Total Depth: 6,438'  
 Amount of Surface Pipe Set and Cemented at 1,851 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ 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) *Altman 7-24-07*  
 Chloride content \_\_\_\_\_ 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: \_\_\_\_\_  
 Title: Asset Manager Date: 08/15/06  
 Subscribed and sworn to before me this 15<sup>th</sup> day of June, 2006.  
 Notary Public: Renee Liebe  
 Date Commission Expires: 4/5/08



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**KCC**  
**JUN 16 2006**  
**CONFIDENTIAL**

**RECEIVED**  
**JUN 19 2006**

**KCC WICHITA**

Operator Name: Chesapeake Operating, Inc. Lease Name: Lemert Well #: 4-4  
 Sec. 4 Twp. 33 S. R. 36  East  West County: Stevens

**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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: COMPENSATED NEUTRON - LITHO-DENSITY/ GAMMA RAY ARRAY INDUCTION / SP - LINEAR CORRELATION/ GAMMA RAY	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner Shale</td> <td>4,131.3'</td> <td rowspan="6" style="text-align: center; vertical-align: middle;"> <b>KCC</b>  <b>JUN 16 2006</b>  <b>CONFIDENTIAL</b> </td> </tr> <tr> <td>Toronto LS</td> <td>4,149.2'</td> </tr> <tr> <td>Morrow Shale</td> <td>5,705.0'</td> </tr> <tr> <td>Morrow Lower</td> <td>5,969.6'</td> </tr> <tr> <td>Chester Top</td> <td>6,126.1'</td> </tr> <tr> <td>STGV/STLS</td> <td>6,309.4'</td> </tr> </table>	Name	Top	Datum	Heebner Shale	4,131.3'	<b>KCC</b> <b>JUN 16 2006</b> <b>CONFIDENTIAL</b>	Toronto LS	4,149.2'	Morrow Shale	5,705.0'	Morrow Lower	5,969.6'	Chester Top	6,126.1'	STGV/STLS	6,309.4'
Name	Top	Datum															
Heebner Shale	4,131.3'	<b>KCC</b> <b>JUN 16 2006</b> <b>CONFIDENTIAL</b>															
Toronto LS	4,149.2'																
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Morrow Lower	5,969.6'																
Chester Top	6,126.1'																
STGV/STLS	6,309.4'																

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	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	1,851'	CI A & CI C	675/150	1/4# Flo-seal
Production	7 7/8"	5 1/2"	17#	6,488'	CI H	375	
Port Collar		5 1/2"		3,160'	CI A & CI C	350/150	1/4# Flo-Seal

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
2 spf	Morrow "G1" - 5,985' - 5,999'	Frac: 17,598 g 70Q gel + 22,000# Sand	
2 spf	Morrow "G2" - 6,030' - 6,040'		

TUBING RECORD		Size <b>2 7/8"</b>	Set At <b>5,940'</b>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumard Production, SWD or Enhr. <b>06/09/06</b>		Producing Method <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 <b>0</b> <i>(Bbls.)</i>	Gas <b>333</b> <i>(Mcf)</i>	Water <b>25</b> <i>(Bbls.)</i>	Gas-Oil Ratio	Gravity

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 \_\_\_\_\_

**RECEIVED**  
**JUN 19 2006**  
**KCC WICHITA**

# ALLIED CEMENTING CO., INC. 23960

Federal Tax I.D. # [REDACTED]

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

JUN 16 2006

SERVICE POINT:  
OAKLEY

**CONFIDENTIAL**

DATE <u>4-23-06</u>	SEC. <u>4</u>	TWP. <u>33S</u>	RANGE <u>36W</u>	ON LOCATION <u>6:45 PM</u>	JOB START <u>10:00 PM</u>	JOB FINISH <u>11:30 PM</u>
LEASE <u>LEMERT</u>	WELL # <u>4-4</u>	LOCATION <u>MOSCOW 8 1/2 S - 1 1/2 W - 1/4 N - E 1/4</u>		COUNTY <u>STEVENS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)						

CONTRACTOR MURFIN ORLG. REL#

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 1868'

CASING SIZE 8 3/8" DEPTH 1868.64'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 44.55'

CEMENT LEFT IN CSG. 34.55'

PERFS. \_\_\_\_\_

DISPLACEMENT 116 1/4 BBL

OWNER SAME

CEMENT

AMOUNT ORDERED 150 SKS "C" 2% CC

675 SKS 65/35 00260 GEL 2% CC

1/4" FLO-SEAL

CEMENT	150 SKS @	13.25	1987.50
POZMIX	@		
GEL	@		
CHLORIDE	27 SKS @	42.00	1134.00
ASC	@		
LET-C	675 SKS @	10.20	6895.50
FLO-SEAL	169 @	1.80	304.20
HANDLING	894 SKS @	1.70	1519.80
MILEAGE	74 PER SK/MILE		2503.20
TOTAL			14333.20

**EQUIPMENT**

PUMP TRUCK CEMENTER TERRY

# 191 HELPER WAYNE

BULK TRUCK

# 347 DRIVER MIKE

BULK TRUCK

# \_\_\_\_\_ DRIVER CLINT

**REMARKS:**

MIX 675 SKS LET-C 2% CC 1/4" FLO-SEAL

150 SKS CLASS 2% CC + DISPLACE

WITH 116 1/4 BBL WATER.

PLUG LANDED AT 1000 PSI.

FLOAT DIDN'T HOLD.

PRESSURE 750 PSI. SHUT IN

THANK YOU

CHARGE TO: CHESAPEAKE OPERATING

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB 1868.64'

PUMP TRUCK CHARGE 1450.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 40 MI @ 5.00 200.00

MANIFOLD @ \_\_\_\_\_

HEAD RENTAL @ 80.00

**RECEIVED**

JUN 19 2006

TOTAL 1730.00

**KCC WICHITA**

8 5/8" PLUG & FLOAT EQUIPMENT

1 - INSERT AFU		262.00
3 - CENTRALIZERS @ 33.00		99.00
1 - BASKET @		180.00
1 - RUBBER PLUG @		100.00
TOTAL		541.00

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.

SIGNATURE David E. Rie

PRINTED NAME

TAX \_\_\_\_\_

TOTAL CHARGE [REDACTED]

DISCOUNT [REDACTED] IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., INC.

22286

Federal Tax I.D. [REDACTED]

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

JUN 16 2006

SERVICE POINT:

Oakley

CONFIDENTIAL

DATE <u>5/2/06</u>	SEC <u>4</u>	TWP. <u>33S</u>	RANGE <u>36W</u>	ON LOCATION <u>2:00AM</u>	JOB START <u>7:35AM</u>	JOB FINISH <u>8:35AM</u>
LEASE <u>Lemert</u>	WELL # <u>4-4</u>	LOCATION <u>Moscow 8 1/2 S 1/2 W N/5</u>	COUNTY <u>STEVENSON</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)						

CONTRACTOR Murphy #21  
 TYPE OF JOB cont 5th Prod. Csg.  
 HOLE SIZE 7 7/8 T.D. 6501  
 CASING SIZE 5 1/2 17# DEPTH 6488.67  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Port collar DEPTH 3.157  
 PRES. MAX 2100 MINIMUM 150  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 44.62  
 CEMENT LEFT IN CSG. 44.62  
 PERFS. \_\_\_\_\_

OWNER Samr  
 CEMENT AMOUNT ORDERED  
4000 lbs Class H + 10% gyp Seal 10% salt  
6" Nat Seal 10% FL-16

DISPLACEMENT 149.5 BBL  
 EQUIPMENT  
 PUMP TRUCK CEMENTER Max  
 # 191 HELPER Wayne  
 BULK TRUCK  
 # 381-249 DRIVER Clint + Dustin  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>Class H 4000</u>	@	<u>11.50</u>	<u>4600.00</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
Salt	<u>43 sks</u>	@	<u>8.65</u>	<u>371.95</u>
Gyp-seal	<u>76 sks</u>	@	<u>2.105</u>	<u>757.80</u>
Nat-seal	<u>7400#</u>	@	<u>1.65</u>	<u>1560.00</u>
FL-16	<u>300#</u>	@	<u>9.60</u>	<u>2880.00</u>
ASF	<u>500 gal</u>	@	<u>1.00</u>	<u>500.00</u>
Cl. Pro	<u>16 gal</u>	@	<u>25.00</u>	<u>400.00</u>
HANDLING	<u>533</u>	@	<u>1.70</u>	<u>906.10</u>
MILEAGE	<u>7 1/2 K/mi</u>			<u>1492.50</u>
TOTAL				<u>13468.25</u>

REMARKS:

Pump 500 gal ASF Plug Kat Hole with 15 sks cont Plug Mouse Hole with lost Mix 375 sks cont Down Csg Drop Plug Washup Pump + Lines Displace with 290 KCL water 152 bbl Land Plug Float Head

SERVICE

DEPTH OF JOB	<u>6500</u>		
PUMP TRUCK CHARGE			<u>1980.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>40 mi</u>	@	<u>5.00</u> <u>200.00</u>
MANIFOLD		@	
<u>Head Rental</u>		@	<u>90.00</u>

CHARGE TO: Chesapeake Operating  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RECEIVED

JUN 19 2006 TOTAL 2260.00

KCC WICHITA  
PLUG & FLOAT EQUIPMENT

<u>1-5/8 Rubber Plug</u>	@	<u>60.00</u>
<u>1-5/8 Oulde shoe</u>	@	<u>130.00</u>
<u>1-5/8 Float collar</u>	@	<u>320.00</u>
<u>15-5/8 Turbolizers</u>	@	<u>40.00</u> <u>600.00</u>
<u>1-5/8 Port collar</u>	@	<u>1750.00</u>
<u>2-5/8 Baskets</u>		<u>140.00</u> <u>280.00</u>
TOTAL		<u>3140.00</u>

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 \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE David E Rice

PRINTED NAME

# ALLIED CEMENTING CO., INC. 24051

Federal Tax I.D. XXXXXXXXXX

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

**KCC**  
JUN 16 2006

SERVICE POINT:  
Oakley

DATE <u>8-17-01</u>	SEC. <u>4</u>	TWP. <u>33s</u>	RANGE <u>36w</u>	<b>CONFIDENTIAL</b>	ON LOCATION <u>1:50 PM</u>	JOB START <u>2:20 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>Lemort</u>	WELL # <u>4-4</u>	LOCATION <u>Moscow 8 1/2 S 1 1/2 W N1/4</u>			COUNTY <u>Stewarts</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Superior Well Service OWNER Same  
 TYPE OF JOB Port Collar  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 5 1/2 DEPTH \_\_\_\_\_  
 TUBING SIZE 2 7/8 DEPTH 3160'  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

CEMENT  
 AMOUNT ORDERED 3500sk White 1/4" Flo Seal  
1500sk class C

<u>class C</u>			
COMMON	<u>1500sk</u>	@ <u>14.70</u>	<u>2205.00</u>
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
<u>Lite weight</u>	<u>350sk</u>	@ <u>10.75</u>	<u>3762.50</u>
<u>Flo Seal</u>	<u>88#</u>	@ <u>2.00</u>	<u>176.00</u>
		@	
		@	
		@	
		@	
HANDLING	<u>527sk</u>	@ <u>1.90</u>	<u>1001.30</u>
MILEAGE	<u>84</u>	@ <u>16.86/mile</u>	<u>1406.40</u>
TOTAL			<u>8831.20</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Dagan  
 # 373-281 HELPER Andrew  
 BULK TRUCK  
 # 399 DRIVER Lonnie  
 BULK TRUCK  
 # 377 DRIVER Kelly

**REMARKS:**

pressure pu tool 2000' of  
Open Tool pump had slight Blow  
Mix 350 sks Lite 1/4" Flo Seal  
& 1500sk class C. Disp 17 3/4 Bbls  
got circulation & lost it about the  
last 255sk of c. cement did not  
circulate. Ran 2 joint reverse  
Tab Clean

*Thank You*

CHARGE TO: Chesapeake Operating  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>3160</u>	
PUMP TRUCK CHARGE		<u>9552.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>40 miles</u>	@ <u>5.00</u> <u>200.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL		<u>1155.00</u>

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_  
 @ **RECEIVED**  
 @ JUN 19 2006  
 @ **KCC WICHITA**  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
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TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE WR Grayson

WR GRAYSON  
 PRINTED NAME