

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: Oneok
Operator Contact Person: Jim Gowens, Barbara Bale
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 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. _____
02/14/05 02/25/05 03/25/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 189-22479 - 00-00
County: Stevens
W/2 NE Sec. 4 Twp. 33 S. R. 36 East West
1170 feet from S / (N) (circle one) Line of Section
1980 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Lemert Well #: 3-4
Field Name: Walkemeyer
Producing Formation: Morrow
Elevation: Ground: 3034 Kelly Bushing: 3046
Total Depth: 6504 Plug Back Total Depth: 6405
Amount of Surface Pipe Set and Cemented at 1764 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3152 Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
ALT I WTM 2-5-07
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1500 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.: _____

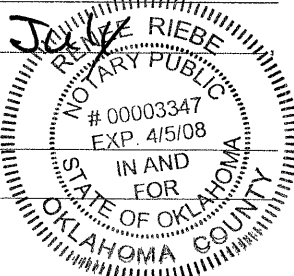
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KANSAS CORPORATION COMMISSION
JUL 18 2005

CONSERVATION DIVISION
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 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: Jim Reich
Title: Asset Manager Date: 07/15/05
Subscribed and sworn to before me this 15th day of July
2005
Notary Public: Denise Riebe
Date Commission Expires: 4-5-08



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: 7-19-05
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Chesapeake Operating, Inc. Lease Name: Lemert Well #: 3-4
 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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample
Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Top Datum
Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner Shale 4118 -1073
Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>	Lansing 4247 -1202
List All E. Logs Run:	Stark Shale 4801 -1756
Precision: CNL;DIL/ML	Marmaton 4983 -1938
	Cherokee Shale 5289 -2244
	Morrow Shale 5682 -2637
	Meramec 6278 -3233

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
Surf	12-1/4	8-5/8	24#	1764	600 A &	150 C	1/4# FloSeal
Prod	7-7/8	5-1/2	17#	6473	H	275	
Port Collar				3152	150 C &	350 Lite	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	6000-6012'; 5978-5965'	50Q N2, 74750g gel & 121K sd	

TUBING RECORD		Size <u>2-3/8</u>	Set At <u>5912</u>	Packer At <u>5912</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>03/25/05</u>			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 Bbls. <u>0</u>	Gas Mcf <u>250</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>NA</u>	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

ALLIED CEMENTING CO., INC. 19091

Federal Tax I.D.# [REDACTED]

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

SERVICE POINT: OAKLEY

DATE <u>3-18-05</u>	SEC <u>18</u>	TWP. <u>33S</u>	RANGE <u>36W</u>	CALLED OUT	ON LOCATION <u>8:45AM</u>	JOB START <u>10:30AM</u>	JOB FINISH <u>11:45AM</u>
LEASE <u>LEMERT</u>	WELL # <u>3-4</u>	LOCATION <u>MOSCOW 8 1/2 S - 1 1/2 W - 2 1/2 N</u>		COUNTY <u>STEVENS</u>	STATE <u>Ks</u>		

OLD OR NEW (Circle one)

CONTRACTOR SUPERIOR SERVICES, INC. OWNER SAME
 TYPE OF JOB PORT COLLAR
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2" DEPTH _____
 TURING SIZE 2 1/2" DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL PORT COLLAR DEPTH 3152'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

CEMENT
 AMOUNT ORDERED 150 SKS CLASS "C"
350 SKS LITE 1/4 # FLO-SEAL
 CLASS "C"
~~CEMENT~~ 150 SKS @ 10 95 1642.50
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC @ _____
LITE 350 SKS @ 7 95 2782.50
FLO-SEAL 88# @ 1 40 123.20
 HANDLING 524 SKS @ 1 35 707.40
 MILEAGE 0.54 PER SK / MILE 524
 TOTAL 5779.60

EQUIPMENT

PUMP TRUCK CEMENTER TERRY
 # 191 HELPER WAYNE
 BULK TRUCK
 # 386 DRIVER ALAN
 BULK TRUCK
 # 218 DRIVER LARRY

REMARKS:

PRESSURE SYSTEM TO 3000 PSI, HELD
OPEN PORT COLLAR MAX 350 SKS LITE 1/4
FLO-SEAL 150 SKS CLASS "C" LOST
RETURNS 3/4 OF MAXIMUM CLASS "C" DISPLACE
17 1/2 BBL. CLOSE PORT COLLAR PRESSURE
TO 3000 PSI. REVERSE OUT

THANK YOU

CHARGE TO: CHESAPEAKE OPERATING
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 3152'
 PUMP TRUCK CHARGE 650
 EXTRA FOOTAGE @ _____
 MILEAGE 20 MI @ 4 80
 MANIFOLD @ _____
 TOTAL 730

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JUL 1-8 2005

CONSERVATION DIVISION
 WICHITA, KS

PLUG & FLOAT EQUIPMENT

TOTAL _____

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

SIGNATURE [Signature]

PRINTED NAME _____

ALLIED CEMENTING CO., INC. 19078

Federal Tax I.D.# ~~XXXXXXXXXX~~

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

SERVICE POINT: OAKLEY

DATE: <u>2-25-05</u>	SEC. <u>4</u>	TWP. <u>33S</u>	RANGE <u>36W</u>	CALLED OUT	ON LOCATION <u>8:45 AM</u>	JOB START <u>6:00 PM</u>	JOB FINISH <u>7:00 PM</u>
LEASE: <u>ZEMERT</u>	WELL.# <u>3-4</u>	LOCATION <u>MOSCOW 8 1/2 S - 16 W - N 1/2 E 2N</u>		COUNTY <u>STEVENS</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>MURFIN DRUG. REG # 21</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>Production STRONG</u>	
HOLE SIZE <u>7 7/8"</u>	I.D. <u>6504</u>
CASING SIZE <u>5 1/2"</u>	DEPTH <u>6503.53</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>PORT COLLAR</u>	DEPTH
PRES. MAX <u>1800 PSI</u>	MINIMUM <u>150 PSI</u>
MEAS. LINE	SHOE JOINT <u>44.48'</u>
CEMENT LEFT IN CSG. <u>44.48'</u>	
PERFS.	
DISPLACEMENT <u>150 BAL.</u>	

CEMENT	AMOUNT ORDERED <u>300 SKS "H" 10 1/2 GYP-SEAL</u>		
	<u>10 1/2 SALT 6" ROL-SEAL 18 1/2 FL-160</u>		
	<u>500 GAL MUD CLEAN</u>		
	<u>CLASS "H" 300 SKS</u>	@ <u>9.30</u>	<u>2790</u>
	POZMIX	@	
	GEL	@	
	CHLORIDE	@	
	ASC	@	
	<u>KOL-SEAL 1800#</u>	@ <u>5.00</u>	<u>900</u>
	<u>GYP-SEAL 28 SKS</u>	@ <u>17.85</u>	<u>499.80</u>
	<u>FL-160 226#</u>	@ <u>8.35</u>	<u>1888.70</u>
	<u>SALT 32 SKS</u>	@ <u>7.50</u>	<u>240.00</u>
	<u>MUD CLEAN 500 GAL</u>	@ <u>1.00</u>	<u>500.00</u>
	HANDLING <u>400 SKS</u>	@ <u>1.35</u>	<u>540.00</u>
	MILEAGE <u>054 PER SK/MILE</u>		<u>400.00</u>
	TOTAL		<u>7677.80</u>

EQUIPMENT

PUMP TRUCK # <u>191</u>	CEMENTER <u>TERRY</u>	HELPER <u>WAYNE</u>
BULK TRUCK # <u>363</u>	DRIVER <u>LARRY</u>	
BULK TRUCK #	DRIVER	

REMARKS:

~~1500~~ PUMP 500 GAL MUD CLEAN
 MEX 15 SKS CEMENT RAT HOLE
 MEX 10 SKS CEMENT MOUSE HOLE
 MEX 275 SKS "H" 10 1/2 GYP-SEAL 10 1/2
 SALT 6" ROL-SEAL 18 1/2 FL-160 +
 DISPLACE 150 BAL. WATER
 PLUG LANDED FLOAT COLLAR HELD
 LANDED PLUG AT 1800 PSI.
 THANK YOU

SERVICE

DEPTH OF JOB <u>6503.53'</u>		
PUMP TRUCK CHARGE		<u>1600.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>20 MZ</u>	@ <u>4.00</u>	<u>80.00</u>
MANIFOLD	@	
HEAD RENTAL	@	<u>75.00</u>

CHARGE TO: CHESAPEAKE OPERATING CO
 STREET _____
 CITY _____ STATE _____ ZIP _____

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 JUL 18 2005
 TOTAL 1755.00

CONSERVATION DIVISION & FLOAT EQUIPMENT WICHITA, KS

<u>5 1/2"</u>		
<u>7- GUIDE SHOE</u>	@	<u>130</u>
<u>1- SUBSEAL FLOAT COLLAR</u>		<u>320</u>
<u>15- TURBO CENTRALIZERS</u>	@ <u>40</u>	<u>600</u>
<u>2- BASKET</u>	@ <u>128</u>	<u>256</u>
<u>1- PORT COLLAR</u>	@	<u>1750</u>
<u>1- RUBBER PLUG</u>		<u>60</u>
TOTAL		<u>3116</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 Ernest J. Howell

PRINTED NAME

ALLIED CEMENTING CO., INC. 19104

Federal Tax I.D.# ~~XXXXXXXXXX~~

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

SERVICE POINT:
Oakley, KS

DATE <u>2-15-05</u>	SEC <u>4</u>	TWP <u>33S</u>	RANGE <u>36W</u>	CALLED OUT <u>3:30pm</u>	ON LOCATION <u>8:30pm</u>	JOB START <u>1:30 AM</u>	JOB FINISH <u>5:30 AM</u>
LEASE <u>Cement</u>	WELL # <u>3-4</u>	LOCATION <u>Moscow 8'125 - 1'124</u>		COUNTY <u>Stevens</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)				<u>3/4 in</u>			

CONTRACTOR MURPHY #21 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 I.D. 1772 95

CASING SIZE 8 5/8 24# DEPTH 1771

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 37 32

CEMENT LEFT IN CSG. 37 32

PERFS. _____

DISPLACEMENT 110 - ~~110~~

EQUIPMENT _____

CEMENT

AMOUNT ORDERED 600 SKS 65/35

690 seal 290 cc 1 1/4 # Flo-seal

150 SKS class C 290 cc

COMMON	<u>150</u>	@ <u>10⁶⁵</u>	<u>1597⁵⁰</u>
POZMIX		@	
GEL		@	
CHLORIDE	<u>23</u>	@ <u>30⁰⁰</u>	<u>690⁰⁰</u>
ASC		@	
Lightweight	<u>600</u>	@ <u>9⁰⁰</u>	<u>5400⁰⁰</u>
Flo-seal	<u>150</u>	@ <u>14⁰⁰</u>	<u>210⁰⁰</u>

PUMP TRUCK CEMENTER Fuzzy

373-281 HELPER Andrew

BULK TRUCK

309 DRIVER Alan

BULK TRUCK

347 DRIVER Lonnie

HANDLING	<u>773</u>	@ <u>125</u>	<u>966²⁵</u>
MILEAGE	<u>.0545K x mile</u>		<u>273⁰⁰</u>
TOTAL			<u>9636²⁵</u>

REMARKS:

Cement 8 5/8 cas with 600 SKS
65/35 690 seal 290 cc 1 1/4 # Flo-seal
followed by 150 class C 290 cc
Displace plug to insert
Plug did not land
Insert did not hold
Sub complete @ 5:30 AM
THANKS - Fuzzy
Displacement shut in @ 110 BRL

SERVICE

DEPTH OF JOB	<u>1771 95</u>		
PUMP TRUCK CHARGE			<u>1130⁰⁰</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@ <u>4⁰⁰</u>	<u>80⁰⁰</u>
MANIFOLD		@	
		@	

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KANSAS CORPORATION COMMISSION

JUL 18 2005

TOTAL 1210⁰⁰

CONSERVATION DIVISION
WICHITA BULG & FLOAT EQUIPMENT

1 - 8 5/8 Insert	@ <u>242⁰⁰</u>	<u>242⁰⁰</u>
1 - 8 5/8 Basket	@ <u>180⁰⁰</u>	<u>180⁰⁰</u>
3 - 8 5/8 Cert 3	@ <u>33⁰⁰</u>	<u>99⁰⁰</u>
1 - 8 5/8 Plug	@ <u>100⁰⁰</u>	<u>100⁰⁰</u>
(AS PER BID + 1 8 5/8 Basket)		TOTAL <u>621⁰⁰</u>

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

Pat Lee

PRINTED NAME

SIGNATURE _____

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.

CHARGE TO: Chesapeake Operating

STREET _____

CITY _____ STATE _____ ZIP _____