

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

WELL COMPLETION FORM

KCC

WELL HISTORY - DESCRIPTION OF WELL & LEASE

MAY 23 2000

Operator: License # 32334

Name: Chesapeake Operating, Inc.

Address: P. O. Box 18496

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

Purchaser: GPM

Operator Contact Person: Randy Casaway; Barbara Bale

Phone: (405) 848-8000

Contractor: Name: Murfin Drilling

License: 30606 5-26-00

Wellsite Geologist: David Hickman

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. \_\_\_\_\_

01/30/2000 02/10/00 02/22/00

Spud Date or 01/30/2000 Date Reached TD 02/10/00 Completion Date or 02/22/00 Recompletion Date

API No. 15-025-21201-0000

County: Clark **CONFIDENTIAL**

80' N. E / 2W / 2NW Sec. 16 Twp. 35 S. R. 25  East  West

1140 feet from S /  (circle one) Line of Section

990 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE  NW SW

Lease Name: THEIS Well #: 2-16

Field Name: McKinney

Producing Formation: Chester / Morrow

Elevation: Ground: 2060' Kelly Bushing: 2071'

Total Depth: 6150' Plug Back Total Depth: \_\_\_\_\_

Annulus of Surface Pipe Set and Cemented at 810 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 ALT 1 g H 6-30-00  
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter RELEASED Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

MAY 29 2001

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 26 2000  
Wichita, Kansas  
CONSERVATION DIVISION

**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: Barbara J. Bale

Title: Regulatory Analyst Date: 05/23/2000

Subscribed and sworn to before me this 23rd day of may

19 2000

Notary Public: Zany L. Bergeron

Date Commission Expires: 08-24-00

**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

**KCC**

X

ORIGINAL

Side Two

Operator Name: Chesapeake Operating Lease Name: THEIS Well # 2-16  
Sec. 16 Twp. 35S S. R.25W  East  West County: Clark

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:  
Halliburton  
SDL/DSN, ML, HRI

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner Shale	4428	-2357
Stark Shale	5102	-3111
Cherokee Shale	5499	-3428
Morrow Shale	5810	-3739
Chester	5861	-3790

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	# Sacjs Used	Type and Percent Additives
Conductor	17-1/2"	13-3/8"		148'	Cl. C	125	3% CC
Surface	12-1/4"	8-5/8"	24#	810'	Lite Cl. C	250 150	3% cc 3% cc
Production	7-7/8"	5-1/2"	15.5#	6150'	Lite Cl. H	750 350	1/4# flo-seal 2% cc

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	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
2	5856-858'; 5850-853'		500 gal 5.5% NE-Fe, 3000 gal	15% HCL
2	5992-996'; 5959-968'	MOR	24,290# 20/40 sand	
	5947-951'; 5931-935'			

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	6038'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method			
02/22/2000	<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input checked="" 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	150	30	00	NA

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

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

Production Interval:  Other (Specify)

# ALLIED CEMENTING CO., INC.

3394

**CONFIDENTIAL**

Federal Tax I.D.# 48-0727860

KCC

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

MAY 23 2000

SERVICE POINT: med. lodge, ks

DATE	SEC.	TWP.	RANGE	CALLED ON	CONFIL	LOCATION	JOB START	JOB FINISH
01-30-00	16	35	25w	5:30 P.M.		Englewood, South Edge	12:30 A.M.	1:30 A.M.
LEASE	THEIS	WELL.#	2-16	LOCATION	Englewood, South Edge	COUNTY	CLARK	STATE
OLD OR NEW	(Circle one)		4 1/2 W - N/S					KS

CONTRACTOR murfin Drig  
 TYPE OF JOB Conductor  
 HOLE SIZE 17 1/2 T.D. 148  
 CASING SIZE 13 3/8 x 54 DEPTH 143'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 200 MINIMUM 100  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15 By Request  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 19 1/4 Bbls Fresh H<sub>2</sub>O

OWNER Chesapeake Oper. Co.  
 CEMENT  
 AMOUNT ORDERED 125 SX CLASS "C"  
3% CC

COMMON	CLASS "C" 125 @	9.35	1168.75
POZMIX	@		
GEL	@		
CHLORIDE	4sx @	28.00	112.00
	@		
	@		
	@		
	@		
HANDLING	125sx @	1.05	131.25
MILEAGE	125 x 78 x .04		390.00

EQUIPMENT  
 PUMP TRUCK CEMENTER Larry Dreiling  
 # 343 HELPER Justin HART  
 BULK TRUCK  
 # 214 DRIVER Mike Rucker  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

RELEASED  
 MAY 29 2001  
 TOTAL 1802.00

REMARKS:

Pipe on Bottom - Break Circ.  
Mix 125sx CLASS C + 3%cc  
Displace 19 1/4 Bbls Fresh H<sub>2</sub>O  
Shut In Cement Did Circ

SERVICE FROM CONFIDENTIAL

DEPTH OF JOB	143		
PUMP TRUCK CHARGE			470.00
EXTRA FOOTAGE	@		
MILEAGE	78 @	2.85	222.30
PLUG	@		
	@		
	@		

TOTAL 692.30

CHARGE TO: Chesapeake Oper. Co.  
 STREET P.O. Box 18496  
 CITY OKLAHOMA STATE OKLA ZIP 73154  
City

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL \_\_\_\_\_

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 2494.30  
 DISCOUNT 498.86 IF PAID IN 30 DAYS  
net 1995.44

SIGNATURE [Signature]

[Signature]  
 PRINTED NAME

# ALLIED CEMENTING CO., INC.

3395

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX **CONFIDENTIAL**  
RUSSELL, KANSAS 67665

MAY 23 2000 SERVICE POINT:  
med. lodge, ks.

**CONFIDENTIAL**

DATE <u>01-31-00</u>	SEC. <u>16</u>	TWP. <u>35S</u>	RANGE <u>25W</u>	CALLED OUT <u>3:00 P.M.</u>	ON LOCATION <u>7:00 A.M.</u>	JOB START <u>10:45 A.M.</u>	JOB FINISH <u>12:15 A.M.</u>
LEASE <u>Theis</u>		WELL # <u>2-16</u>	LOCATION <u>Englewood, South Edge</u>		COUNTY <u>CLARK</u>	STATE <u>KS.</u>	
OLD OR <u>NEW</u> (Circle one)			<u>4 1/2 W</u>				

CONTRACTOR Murfin Drig. Co.  
 TYPE OF JOB Surface CSG  
 HOLE SIZE 12 1/4 T.D. 812'  
 CASING SIZE 8 5/8 x 24 DEPTH 799'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 900 MINIMUM 250  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 44.58  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 50 Bbls Fresh H<sub>2</sub>O

OWNER Chesapeake Oper. Co.  
 CEMENT  
 AMOUNT ORDERED 250sx lite water + 3%cc  
1/4# Flo-Seal 150sx. CLASS C + 3%cc

COMMON CLASS C 150	@	9.35	1402.50
POZMIX	@		
GEL	@		
CHLORIDE 13 sx	@	28.00	364.00
litewater 250sx	@	6.65	1662.50
Flo-Seal 63lbs.	@	1.15	72.45
	@		
	@		
HANDLING 400sx	@	1.05	420.00
MILEAGE 400 sx x .04			1,248.00

EQUIPMENT  
 PUMP TRUCK CEMENTER Larry Dreiling  
 # 343 HELPER Justin Hart  
 BULK TRUCK  
 # 301 DRIVER David west  
 BULK TRUCK  
 # 214 DRIVER Mike Rucker

RELEASED

MAY 29 2001

TOTAL 5169.45

REMARKS:

Pipe on Bottom - Break Circ.  
mix + Pump 250sx. lite-water  
3%cc + 1/4# Flo-Seal 150sx. CLASS C  
3%cc. Release Plug. Pump + Displace  
Plug w/ 50 Bbls. Fresh H<sub>2</sub>O. Pump  
Plug Release PSI. Float Held  
Cement Did Circ.

FROM CONFIDENTIAL SERVICE

DEPTH OF JOB	<u>799'</u>		
PUMP TRUCK CHARGE		<u>580.00</u>	
EXTRA FOOTAGE		@	
MILEAGE	<u>78</u>	@	<u>2.85</u> <u>n/c</u>
PLUG <u>Robber</u>		@	<u>90.00</u> <u>90.00</u>
		@	
		@	

TOTAL 670.00

CHARGE TO: Chesapeake Oper. Co.  
 STREET PO Box 18496  
 CITY OKLA City STATE OKLA ZIP 73154

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL \_\_\_\_\_

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 5839.45  
 DISCOUNT 1167.89 IF PAID IN 30 DAYS  
net 4671.56  
 x Bud Jeff  
 PRINTED NAME

SIGNATURE x Bud Jeff

# ALLIED CEMENTING CO., INC.

3400

**CONFIDENTIAL**

Federal Tax I.D.# 48-0727860

REC

REMIT TO P.O. BOX 91  
RUSSELL, KANSAS 67665

MAY 23 2000

SERVICE POINT:  
med. lodge, ks.

DATE <u>02-09-00</u>	SEC. <u>16</u>	TWP. <u>35</u>	RANGE <u>25W</u>	CALLED OUT <u>9:00 A.M.</u>	ON LOCATION <u>3:30 P.M.</u>	JOB START <u>7:30 A.M.</u>	JOB FINISH <u>9:00 P.M.</u>
LEASE <u>Theis</u>	WELL.# <u>2-16</u>	LOCATION <u>Englewood, s edge - 4 1/2 W</u>		COUNTY <u>CLARK</u>	STATE <u>Ks.</u>		
OLD OR <u>NEW</u> (Circle one)		<u>1/4 n</u>					

CONTRACTOR Murfin Drq.  
 TYPE OF JOB Prod. Csg.  
 HOLE SIZE 7 7/8 T.D. 6150  
 CASING SIZE 5 1/2 x 15.5 DEPTH 6155  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1400 MINIMUM 250  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 20.27  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 146 1/2 Bbls Fresh H<sub>2</sub>O

OWNER Chesapeake Operating Co.  
 CEMENT  
 AMOUNT ORDERED 755x 60/40/8  
1/4# Flo-Seal 350sx CLASS H + 2% CC  
1/4# Flo-Seal + 6% FL-10

EQUIPMENT  
 PUMP TRUCK CEMENTER Larry Dreiling  
 # 343 HELPER Justin Hart  
 BULK TRUCK  
 # 240 DRIVER Mike Rucker  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON "H" <u>350sx</u>	@ <u>7.90</u>	<u>2765.00</u>
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE <u>8sx</u>	@ <u>28.00</u>	<u>224.00</u>
lite-water <u>75sx</u>	@ <u>6.65</u>	<u>498.75</u>
Flo-Seal <u>107</u>	@ <u>1.15</u>	<u>123.05</u>
FL-10 <u>197</u>	@ <u>7.25</u>	<u>1428.25</u>
_____	@ _____	_____
HANDLING <u>425</u>	@ <u>1.05</u>	<u>446.25</u>
MILEAGE <u>425 x 78 x .04</u>		<u>1326.00</u>

TOTAL 6811.30

REMARKS:

Pipe on Bottom - Break Circ.  
mix + Pump 50sx 60/40/8 + 1/4# Flo Seal  
350sx CLASS H + 2% CC + 1/4# Flo-Seal  
Release Plug Pump + Displace Plug  
146 1/2 Bbls Fresh H<sub>2</sub>O Bump Plug  
Release PSI. Float Held  
Dump 25sx lite water on Ground  
Rathole - mouse hole

SERVICE

DEPTH OF JOB <u>6149'</u>		
PUMP TRUCK CHARGE _____		<u>1080.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>78</u>	@ <u>2.85</u>	<u>222.30</u>
PLUG Rubber <u>5 1/2"</u>	@ <u>50.00</u>	<u>50.00</u>
_____	@ _____	_____
_____	@ _____	_____

TOTAL 1352.30

CHARGE TO: Chesapeake Operating  
 STREET PO Box 18496  
 CITY OKLA CITY STATE OK ZIP 73154

FLOAT EQUIPMENT

1-Reg Guide Shoe	@ <u>110.00</u>	<u>110.00</u>
1-AFU Insert	@ <u>165.00</u>	<u>165.00</u>
12-Centralizers	@ <u>25.00</u>	<u>300.00</u>
1-Basket	@ <u>142.00</u>	<u>142.00</u>

TOTAL 717.00

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 8880.60

DISCOUNT 1776.12 IF PAID IN 30 DAYS  
 net 7104.48

SIGNATURE: Joe Brougher

JOE BROUGHER  
 PRINTED NAME