

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

KCC Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

MAR 07 2000

CONFIDENTIAL

Operator: License # 32334
Name: Chesapeake Operating, Inc.
Address: P. O. Box 18496
City/State/Zip: Okla. City, OK 73154-0496
Purchaser: Duke
Operator Contact Person: Randy Gasaway/Barbara Bale
Phone: (405) 848-8000
Contractor: Name: Murfin Drilling #22
License: 30606
Wellsite Geologist: Dick Jackson

API No. 15 - 119-21017-00-00
County: Meade
N/2 S/2 SE Sec. 1 Twp. 34 S. R. 26 East West
990 feet from (S) / N (circle one) Line of Section
1320 feet from (E) / W (circle one) Line of Section

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Workover
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

3-9-00
RECEIVED
STATE CORPORATION COMMISSION
MAR 9 2000
KANSAS CONSERVATION DIVISION
Wichita, Kansas

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW

Lease Name: THEIS Well #: 1-1
Field Name: McKinney

Producing Formation: Chester/Morrow

Elevation: Ground: 2258 Kelly Bushing: 2269'

Total Depth: 5975' Plug Back Total Depth: 5930'

Amount of Surface Pipe Set and Cemented at 1315 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.

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. _____

12/27/99 01/04/00 02/01/2000

Spud Date or _____ Date Reached TD _____ Completion Date or _____
Recompletion Date _____ Recompletion Date _____

Drilling Fluid Management Plan ALT 1 4/26/01 JB
(Data must be collected from the Reserve Pit)

Chloride content 2600 ppm Fluid volume 500 bbls

Dewatering method used Evaporation

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: Barbara J. Bale *Barbara J. Bale*

Title: Regulatory Analyst Date: 03/07/2000

Subscribed and sworn to before me this 7th day of March,
19 2000.

Notary Public: *Geny Redenburger*

Date Commission Expires: 08-24-2000

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____ **RELEASED**
 Wireline Log Received
 Geologist Report Received **MAY 07 2000**
 UIC Distribution
FROM CONFIDENTIAL

X

Operator Name: Chesapeake Operating, Inc. Lease Name: THEIS Well # 1-1
 Sec. 1 Twp. 34 S. R. 26 East West County: Meade **JAN 20 2000**

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:
 Reeves - DIS/MLS/CNS/PDS

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Heebner	4460	-2191
Lansing	4642	-2373
Stark Shale	5166	-2897
Marmaton	5290	-3021
Cherokee Shale	5464	-3195
Morrow Shale	5729	-3460
Chester	5772	-3503

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
Surface	12-1/4"	8-5/8"	24#	1,315'	60/40 Cl. H	450 150	
Production	7-7/8"	5-1/2"	15.5#	5,975'	Cl. H	350	

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	5868-878'; 5818-834'; Chester	6000 gal 15% HCL, 24,160 # 20/40 sand & 2910 bbls slick wtr	
2	5758-762'; 5748-752'; Morrow	36,000# 20/40 sand & 636 bbls gelled fluid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5906'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 02/01/2000
 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	58	157	NA	NA

Disposition of Gas Ventd) Sold Used on Lease (If vented, Sumit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled - Chester/Morrow
 Other (Specify)

CONFIDENTIAL ALLIED CEMENTING CO., INC.

ORIGINAL P.02 2317

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
med. lodge, ks

DATE <u>12-28-99</u>	SEC. <u>1</u>	TWP. <u>34S</u>	RANGE <u>26W</u>	CALLED OUT <u>6:00A.M.</u>	ON LOCATION <u>10:30A.M.</u>	JOB START <u>2:15P.M.</u>	JOB FINISH <u>4:30P.M.</u>
LEASE <u>Theis</u>	WELL.# <u>1-1</u>	LOCATION <u>160+Emplewood Fct. 85-</u>			COUNTY <u>meade</u>	STATE <u>KS.</u>	
O.I.D. OR <u>NEW</u> (Circle one)			<u>9W-1/2N-1/2W</u>				

CONTRACTOR muffin Drilq.
 TYPE OF JOB Surface Csg.
 HOLE SIZE 12 7/8 T.D. 1315
 CASING SIZE 8 5/8 x 24 DEPTH 1314
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1100 MINIMUM 200
 MEAS. LINE _____ SHOE JOINT 45.33
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 8 1/2 Bbls Fresh H₂O

OWNER Chesapeake Operating Co.
 CEMENT
 AMOUNT ORDERED 450sx 60/40/8+3%cc
1/4# Flo-Seal 150sx CLASS C
3%cc

COMMON "C" <u>150</u>	@ <u>9.35</u>	<u>1402.50</u>
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE <u>20</u>	@ <u>28.00</u>	<u>560.00</u>
<u>GELWATE 150</u>	@ <u>6.65</u>	<u>997.50</u>
<u>FLO SEAL 113#</u>	@ <u>1.15</u>	<u>129.95</u>
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>600</u>	@ <u>1.05</u>	<u>630.00</u>
REWEAVE <u>600 x 78</u>	@ <u>.04</u>	<u>1872.00</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Larry Dreiling
 # 343 HELPER Justin Hart
 BULK TRUCK
 # 259 DRIVER Mark Brungardt
 BULK TRUCK
 # 199 DRIVER Jim W

MAR 9 - 2000

TOTAL \$7586.95

REMARKS:

CONSERVATION DIVISION
Wichita, Kansas

SERVICE

Pipe on Bottom - Break Circ.
mix + Pump 450sx 60/40/8+3%cc
1/4# Flo-Seal 150sx CLASS C + 3%cc
Release Plug Pump + Displace Plug
w/ 8 1/2 Bbls Fresh H₂O. Bump Plug
Release PSI. Float Held. Cement
Did Circ.

DEPTH OF JOB <u>1314</u>	_____	_____
PUMP TRUCK CHARGE _____	_____	<u>580.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>78</u>	@ <u>2.85</u>	<u>222.30</u>
PLUG Rubber <u>8 7/8"</u>	@ <u>90.00</u>	<u>90.00</u>
_____	@ _____	_____
<u>KCC</u>	@ _____	_____

MAR 07 2000

TOTAL \$892.30

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

CONFIDENTIAL

FLOOR PLACEMENT

MAY 07 2001

FROM CONFIDENTIAL

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 \$8479.25
 DISCOUNT 1695.85 IF PAID IN 30 DAYS
 NET # 6783.40
 x Bud Neff
 PRINTED NAME

SIGNATURE x Bud Neff

ALLIED CEMENTING CO., INC.

2323

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
med. lodge

DATTO1-04-00	SEC. 1	TWP. 34s	RANGE 26w	CALLED OUT 11:00 A.M.	ON LOCATION 5:00 P.M.	JOB START 10:30 P.M.	JOB FINISH 12:30 A.M.
LEASE <u>Theis</u>	WELL.# 1-1	LOCATION <u>60+Englewood Jct.</u>		COUNTY <u>meade</u>	STATE <u>KS.</u>		
OLD OR <u>NEW</u> (Circle one)		<u>85-9w-1/2n-1/2E</u>					

CONTRACTOR Murfin Drk.
 TYPE OF JOB Prod. Csg.
 HOLE SIZE 7 7/8 T.D. 5975
 CASING SIZE 5 1/2 x 15.5 DEPTH 5961
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1600 MINIMUM 300
 MEAS. LINE _____ SHOE JOINT 31.60
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 143 1/2 2% KCL water

OWNER Chesapeake Oper. Co.

CEMENT
 AMOUNT ORDERED 75sx. 60/40 + 8% GEL
1/4# Flo-Seal. 350sx. CLASS H
2% CC + 1/4# Flo-Seal + 6% FL-10
 COMMON Class H 350 @ 7.90 2765.00
 POZ MIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE 85x @ 28.00 224.00
lite-water 75sx @ 6.65 498.75
Flo-Seal 106lbs @ 1.15 121.90
FL-10 197lbs @ 7.25 1428.25
 HANDLING 425sx @ 1.05 446.25
 MILEAGE 425 x 78 .04 1326.00
 RECEIVED RELEASED
 STATE CORPORATION COMMISSION
 TOTAL 6810.15

EQUIPMENT
 PUMP TRUCK # 343 CEMENTER Larry Dreiling
 BULK TRUCK # 259 HELPER Justin Hart
 DRIVER mark Brungardt
 DRIVER max Ball

MAR 9 - 2000 MAY 07 2001

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
6% FL-10. Release Plug wash
out Pump + lines. Release Plug
Displaced Plug w/ 143 1/2 Bbls 2% KCL water. Float Did not Hold. Shut In.
Dump 25sx. 60/40/8 + 1/4# Flo-Seal, on Ground
For Rat Hole - mouse hole.

FROM CONFIDENTIAL SERVICE
 CONSERVATION DIVISION - Wichita, Kansas
 DEPTH OF JOB 5961'
 PUMP TRUCK CHARGE 1080.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 78 @ 2.85 222.30
 PLUG Rubber 5 1/2 @ 50.00 50.00

KCC

TOTAL 1352.30

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

MAR 07 2000

CONFIDENTIAL COAT EQUIPMENT

1-Reg Guide Shoe @ 110.00 110.00
 1-AFD Insert @ 165.00 165.00
 1-BASKET @ 142.00 142.00
 14-Centralizers @ 25.00 350.00

TOTAL 767.00

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 8929.45

DISCOUNT 1785.89 IF PAID IN 30 DAYS
 net 7143.56

SIGNATURE Joe Brungardt

Joe Brungardt
 PRINTED NAME