

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

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: Randy Gasaway/Barbara Bale  
Phone: (405) 848-8000  
Contractor: Name: Murfin Drilling #20 **KCC**  
License: 30606  
Wellsite Geologist: Geodynamic

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. \_\_\_\_\_  
10/30/00 11/09/00 12/08/00  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 025-21217-00-00  
County: Clark  
W/2 SW NW Sec. 9 Twp. 35 S. R. 25  East  West  
2065 feet from S / (N) (circle one) Line of Section  
380 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: This Well #: 2-9

Field Name: McKinney  
Producing Formation: Chester  
Elevation: Ground: 2065' Kelly Bushing: 2075'

Total Depth: 6200' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 812' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set NA Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 1 4/15/01 JB  
(Data must be collected from the Reserve Pit)  
Chloride content 2,700 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.: \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 18 2001

**RELEASED**  
MAY 21 2002

FROM CONFIDENTIAL

**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: 01/15/00  
Subscribed and sworn to before me this 15th day of January  
19 2001.  
Notary Public: *[Signature]*  
Date Commission Expires: 08-24-04

**KCC Office Use ONLY**

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

✓

X

Operator Name: Chesapeake Operating, Inc. Lease Name: Theis Well #: 2-9  
 Sec. 9 Twp. 35 S. R. 25  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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: Reeves DIS, CNS/PDS, MLS	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>4414</td> <td>-2339</td> </tr> <tr> <td>Lansing</td> <td>4585</td> <td>-2510</td> </tr> <tr> <td>Stark Shale</td> <td>5177</td> <td>-3102</td> </tr> <tr> <td>Cherokee Shale</td> <td>5493</td> <td>-3418</td> </tr> <tr> <td>Morrow Shale</td> <td>5799</td> <td>-3724</td> </tr> <tr> <td>Chester</td> <td>5847</td> <td>-3772</td> </tr> <tr> <td>RTD</td> <td>6200</td> <td>-4125</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	4414	-2339	Lansing	4585	-2510	Stark Shale	5177	-3102	Cherokee Shale	5493	-3418	Morrow Shale	5799	-3724	Chester	5847	-3772	RTD	6200	-4125
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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#	812'	Lite Cl. C	275	
Production	7-7/8"	4-1/2"	11.6#	6200'	Cl. H Poz	400	

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
1	5940-59;	24,000# Sand	
2	5905-09'	72 bbl. 15% Acid	
1	5851-57'	3190 bbls slick water	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>5,900'</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>12/08/00</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>305</u>	Water Bbls. <u>95</u>	Gas-Oil Ratio <u>NA</u>	Gravity <u>NA</u>

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

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

Production Interval \_\_\_\_\_

# CONFIDENTIAL ALLIED CEMENTING CO., INC. 4056 ORIGINAL

Federal Tax I.D.# 48-0727860

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

JAN 15 2001 SERVICE POINT: Med Lodge

CONFIDENTIAL

DATE <u>10-31-00</u>	SEC. <u>9</u>	TWP. <u>35S</u>	RANGE <u>25W</u>	CALLED OUT <u>2:30 AM</u>	ON LOCATION <u>4:00 AM</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>10:30 AM</u>
LEASE <u>THETS</u>	WELL # <u>2-9</u>	LOCATION <u>Englewood S Edge 1/4 W</u>		COUNTY <u>Clark</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)		<u>22 1/2 W to Curve 1 1/4 W 1/4 N to Loc</u>					

CONTRACTOR Martin #22 OWNER Chesapeake Oper. Co.

TYPE OF JOB surface CEMENT

HOLE SIZE 12 1/2 T.D. 812 AMOUNT ORDERED 275 sx 6.5:35:6 @ 2% cc

CASING SIZE 8 7/8 DEPTH 811 + 1/4" Flo-seal 350 sx Class C feet @ 2% cc

TUBING SIZE DEPTH OA side

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 600 # MINIMUM 200 # COMMON C 150 @ 9.35 1402.50

MEAS. LINE SHOE JOINT 45.45 POZMIX @

CEMENT LEFT IN CSG. GEL @

PERFS. CHLORIDE 10 @ 28.00 280.00

DISPLACEMENT 49 1/2 BBLs Fresh H<sub>2</sub>O lite weight 275 @ 7.05 1938.75

EQUIPMENT Flo-seal 69 # @ 1.15 79.35

PUMP TRUCK CEMENTER Justin Hart HANDLING 449 @ 1.05 471.45

# 261-265 HELPER Mark Brungard MILEAGE 449 x .78 .04 1400.88

BULK TRUCK DRIVER Mike Rucker RELEASED

# DRIVER TOTAL 5572.93

MAY 21 2002

### REMARKS:

Pipe on Bottom Break Circ. Mix  
275 sx 6.5:35:6 @ 12.5 # Mix 150 sx  
Class C 2% cc @ 14.8 # shut Down  
Release Plug Start Disp @ 5 BPM  
Slow Rate 3 BPM @ 45 BBLs  
Bump Plug @ 49 1/2 BBLs Release  
pressure float held circulated  
Cement

### FROM CONFIDENTIAL SERVICE

DEPTH OF JOB 812

PUMP TRUCK CHARGE 0-300' 470.00

EXTRA FOOTAGE 512 @ .43 220.00

MILEAGE 78 @ 3.00 234.00

PLUG Rubber 8 7/8 @ 90.00 90.00

TOTAL 1014.00

CHARGE TO: Chesapeake Oper. Co.

STREET

CITY STATE ZIP

### FLOAT EQUIPMENT

4 1/2  
1- Guide Shoe @ 125.00 125.00

1- AFU Float Collar @ 245.00 245.00

1- Stop Ring @ 20.00 20.00

15- Turbo Centralizers @ 55.00 825.00

TOTAL 1215.00

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 786.00

DISCOUNT 786.00 IF PAID IN 30 DAYS

SIGNATURE John Tracy

John Tracy  
PRINTED NAME

# ALLIED CEMENTING CO., INC. 4061 ORIGINAL

Federal Tax I.D.# 48-0727860 KCC

CONFIDENTIAL

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

JAN 15 2001

SERVICE POINT: Med Lodge

DATE <u>11-9-00</u>	SEC. <u>9</u>	TWP. <u>35S</u>	RANGE <u>25 W</u>	CALLED OUT <u>9:00 PM</u>	LOCATION <u>4:00 AM</u>	JOB START <u>12:25 PM</u>	JOB FINISH <u>1:15 PM</u>
LEASE <u>THRES</u>	WELL # <u>2-9</u>	LOCATION <u>Englewood Sedge NW</u>		COUNTY <u>Clark</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one)		<u>2 1/4 3/4 to Curve 1 3/4 W into</u>					

CONTRACTOR Murphy #22 OWNER Chesapeake Oper. Co

TYPE OF JOB Production CEMENT AMOUNT ORDERED 400 SY Class H 65-35-6

HOLE SIZE 2 1/2 T.D. 6200 +10% salt + 2.5% Koi-seal + 1/4" Flo-seal + 1.8% FI-10 20 BBLs Mud Clean

CASING SIZE 4 1/2 x 11.6 DEPTH 6200

TUBING SIZE DEPTH PRES. MAX 1200 MINIMUM 300

DRILL PIPE DEPTH MEAS. LINE SHOE JOINT 3500

CEMENT LEFT IN CSG. 42.17 COMMON @

PERFS. DISPLACEMENT 98 1/2 BBLs 4% KCL water EQUIPMENT

PUMP TRUCK CEMENTER Justin Hart # 241-265 HELPER Mark Brungardt

BULK TRUCK # 240-250 DRIVER David Felio BULK TRUCK # DRIVER

POZMIX	@		
salt	50 SY	@ 7.00	350.00
CHLORIDE	@		
lifeweight H	400	@ 7.50	3000.00
Koi-seal	1000#	@ .38	380.00
FI-10	278#	@ 8.00	2224.00
Chgm	22 gals	@ 22.90	503.80
Mud Clean	840 gals	@ .75	630.00
HANDLING	491	@ 1.05	515.55
MILEAGE	491 x 78	.04	1531.92

RELEASED MAY 21 2002 TOTAL 9135.27

REMARKS: FROM CONFIDENTIAL SERVICE

Pipe on Bottom Break Circ  
pump 20 BBLs Mud Clean Mix 400 SY  
class H 65-35-6 @ H 8" wash pump +  
lines Release plug Start Disp @ 1/2 BPM  
56 out lift pressure 75 BBLs out  
slow Rate 4 BPM 500# 93 BBLs slow  
Rate 3 BPM 800# Bump Plug 98 1/2  
800# 1200 Release pressure  
Float Held

CHARGE TO: Chesapeake Oper. Co TOTAL 1736.00

FLOAT EQUIPMENT

1-AFU Insert	@ 325.00	325.00
1-Basket	@ 180.00	180.00
3-Centralizers	@ 55.00	165.00

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SIGNATURE: John Tracy TAX \_\_\_\_\_ TOTAL CHARGE \_\_\_\_\_ DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

JOHN TRACY PRINTED NAME