

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: NA
Operator Contact Person: Randy Gasaway
Phone: (405) 848-8000
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: None
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. Corro. (hr./SV)
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
01/04/01 01/08/01 02/16/01
Spud Date or T.A.
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 075-20738-00-00
County: Hamilton
SE-NW-NW Sec. 14 Twp. 22 S. R. 40 East West
4030 feet from S / N (circle one) Line of Section
4030 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Engelland Well #: 2-14
Field Name: Bradshaw
Producing Formation: NA
Elevation: Ground: 3531' Kelly Bushing: 3542'
Total Depth: 2815 Plug Back Total Depth: 2230
Amount of Surface Pipe Set and Cemented at 355 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 cm.
Drilling Fluid Management Plan PSA'd on 2.22.05
(Data must be collected from the Reserve Pit)
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.: _____

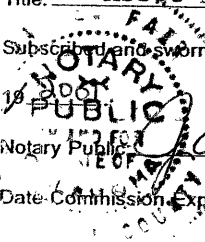
RECEIVED
KANSAS CORPORATION COMMISSION
MAY 18 2001

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: Randy Gasaway
Title: Asset Manager Date: 05/16/01
Subscribed and sworn to before me this 16 day of May
Notary Public: Jan E. Fair
Date Commission Expires: My Commission Expires Jul. 22, 2004.



KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: 05.21.01
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Chesapeake Operating, Inc. Lease Name: Engelland Well #: 2-14
 Sec. 14 Twp. 22 S. R. 40 East West County: Hamilton

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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Base Anhydrite 2299' +1243'
 Winfield 2741' +801'

List All E. Logs Run:
 Cased Hole Log
 Log Tech Sonic CBL

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#	355'	Comm	225	2% gel
Production	7-7/8	4-1/2	10.5#	2814'	C1. C	150	1/4# Flo Seal
					Lite	550	

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	860	C1. A	250	2% cc 1/4# Flo-Seal

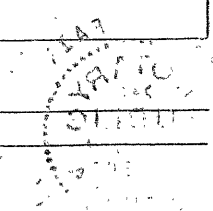
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2751-2761 T.A. 02/16/01	1000 gal 7.5% acid, 12,000#	12/20 Sand

TUBING RECORD	Size Set At Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	None	

Date of First, Resumerd Production, SWD or Enhr. NA	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease (If vented, Sumit ACO-18.) Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____



Jan-15-01 08:16A

P.02

ALLIED CEMENTING CO., INC.

4767

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

SERVICE POINT:

OAKLEY

DATE <u>1-4-01</u>	SEC. <u>14</u>	TWP. <u>22 S</u>	RANGE <u>40 W</u>	CALLED OUT	ON LOCATION <u>9:30 AM</u>	JOB START <u>2:00 AM</u>	JOB FINISH <u>2:30 AM</u>
ENGELAND LEASE	WELL # <u>2-14</u>	LOCATION <u>SYRACUSE 10N-4E-34W-14E</u>			COUNTY <u>HAMILTON</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURPHY DALE REG #24

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D.

CASING SIZE 8 3/8" DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 21 3/4 BBL.

EQUIPMENT

OWNER SAME

CEMENT AMOUNT ORDERED 225 SKS COM 3800 2868L

COMMON	<u>225 SKS</u>	@	<u>7.55</u>	<u>1698.75</u>
POZMIX		@		
GHL	<u>4 SKS</u>	@	<u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>75KG</u>	@	<u>28.00</u>	<u>196.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>236 SKS</u>	@	<u>1.05</u>	<u>247.80</u>
MILEAGE	<u>0.44 PER SK/MILE</u>			<u>660.00</u>
TOTAL				<u>2841.35</u>

PUMP TRUCK CEMENTER TERRY

300 HELPER WAYNE

BULK TRUCK DRIVER LOANEE

218

BULK TRUCK DRIVER

REMARKS:

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE @

MILEAGE 70 MI. @ 3.00 210.00

PLUG 8 5/8 SURFACE @ 45.00

THANK YOU

TOTAL 225.00

CHARGE TO: CHESAPEAKE OPERATIONS, ILL.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	

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.

TOTAL _____

TAX _____

TOTAL CHARGE 3566.35

DISCOUNT 356.64 IF PAID IN 30 DAYS

AFTER DISC. 3209.71

SIGNATURE Dennis Paul

PRINTED NAME _____

Jan-22-01 04:51P

P.06

ALLIED CEMENTING CO., INC. 4770

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

SERVICE POINT:
OAKLEY

DATE <u>1-7-01</u>	SEC. <u>14</u>	TWP. <u>22S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>10:45PM</u>	JOB START <u>7:00AM</u>	JOB FINISH <u>8:15 AM</u>
EMPELLAND LEASE	WELL # <u>2-14</u>	LOCATION <u>SYRACUSE 10N-4E-34N-14E</u>			COUNTY <u>HAMILTON</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR <u>MURPHY DRILL RIG #24</u>	OWNER <u>JAME</u>
TYPE OF JOB <u>PRODUCTION STRING</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	T.D. <u>2815'</u>
CASING SIZE <u>4 1/2"</u>	DEPTH <u>2814'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRLS. MAX <u>1000 PSI</u>	MINIMUM <u>1500 PSI</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>44 3/4 BBL.</u>	
EQUIPMENT	
PUMP TRUCK # <u>191</u>	CEMENTER <u>FERRY</u>
BULK TRUCK # <u>347</u>	HELPER <u>DEAN</u>
BULK TRUCK # <u>280</u>	DRIVER <u>WAYNE</u>
	DRIVER <u>DAVE</u>

AMOUNT ORDERED <u>150 SKS CLASS "C"</u>		
<u>550 SKS LITE 1/2" FLO-SEAL</u>		
<u>CLASS "C" 150 SKS</u>	@ <u>9.05</u>	<u>1357.50</u>
POZMIX	@	
GEL	@	
CHLORIDE	@	
<u>LITE 550 SKS</u>	@ <u>6.65</u>	<u>3657.50</u>
<u>FLO-SEAL 138</u>	@ <u>1.15</u>	<u>158.70</u>
HANDLING <u>7875 SKS</u>	@ <u>1.05</u>	<u>727.50</u>
MILEAGE <u>544 DUB SE / MILE</u>		<u>2063.88</u>
	TOTAL	<u>8011.15</u>

REMARKS:

MIX 10 SKS MOWER HOLE
MIX 15 SKS RAT HOLE
CEMENT DITS CIRC.
FLOAT HELD
THANK YOU

SERVICE

DEPTH OF JOB <u>2814'</u>	
PUMP TRUCK CHARGE	<u>1080.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>70 MI.</u>	@ <u>3.00</u> <u>210.00</u>
PLUG <u>1/2 RUBBER</u>	@ <u>23.00</u>
	@
	@
	@
	TOTAL <u>1313.00</u>

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

FLOAT EQUIPMENT

<u>1- ASD FLOAT 5HOZ</u>	@	<u>200.00</u>
<u>6- CENTRALIZERS</u>	@ <u>45.00</u>	<u>270.00</u>
<u>1- BASKET</u>	@	<u>116.00</u>
	@	
	@	
	TOTAL	<u>586.00</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.

SIGNATURE Mr. Schwartz

TAX _____
 TOTAL CHARGE 8011.15
 DISCOUNT 925.00 IF PAID IN 30 DAYS
AFTER DISC 8716.15
GUS SCHWARTZ
 PRINTED NAME

ALLIED CEMENTING CO., INC. 7584

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

SERVICE POINT:

Oakley

DATE <u>2/2/01</u>	SEC. <u>14</u>	TWP. <u>72s</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>2:00 PM</u>	JOB START <u>4:30 AM</u>	JOB FINISH <u>5:45 AM</u>
LEASE <u>Expelled</u>		WELL # <u>2-14</u>	LOCATION <u>Syracuse 100' 4E 3/4 4E</u>		COUNTY <u>Hamilton</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR _____ OWNER SAMY

TYPE OF JOB Sag-seal

HOLE SIZE	T.D.
CASING SIZE <u>4 1/2</u>	DEPTH
TUBING SIZE <u>2 3/4</u>	DEPTH <u>860</u>
DRILL PIPE	DEPTH
TOOL <u>Cat Retainer</u>	DEPTH <u>860</u>
PRES. MAX <u>1700</u>	MINIMUM <u>150</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS. <u>900</u>	
DISPLACEMENT	

CEMENT AMOUNT ORDERED

2500 lbs Class A + 2700 lbs 5# Gilsonite + 400 lbs Flo-seal
Used 600 lbs CMT + 1400 lbs (600)

COMMON <u>600 SKs</u>	@ <u>7.55</u>	<u>4530.00</u>
PO/MIX	@	
GEL <u>14</u>	@ <u>9.50</u>	<u>133.00</u>
CHLORIDE <u>6 SKs</u>	@ <u>28.00</u>	<u>168.00</u>
Flo-seal <u>63#</u>	@ <u>1.40</u>	<u>88.20</u>
Gilsonite <u>1250#</u>	@ <u>4.10</u>	<u>512.50</u>
	@	
	@	
	@	
	@	
HANDLING <u>297 SKs</u>	@ <u>1.05</u>	<u>311.85</u>
MILEAGE <u>48.1/2K/mi</u>		<u>831.60</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Max</u>
# <u>191</u>	HELPER <u>Dean</u>
BULK TRUCK	
# <u>222</u>	DRIVER <u>Troy</u>
BULK TRUCK	
#	DRIVER

TOTAL ~~2498.15~~

REMARKS:

Pump Down Troy Mix 14 SKs g.g. No Returns
up 1000 PSI Mix 600 SKs CMT Pressure up
to 1700 PSI Release Pressure Pump
2.000 Pressure @ 900 PSI Shut Down
Stringent Cat Retainer Reverse Hole Clean

CMT 15.1 #/gal yield 1.2 #/100g

SERVICE

DEPTH OF JOB <u>900</u>		
PUMP TRUCK CHARGE		<u>580.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>70mi</u>	@ <u>3.00</u>	<u>210.00</u>
PLUG	@	
	@	
	@	
	@	
	@	
TOTAL		<u>790.00</u>

CHARGE TO: Chesapeake Operating Inc

STREET _____

CITY _____ STATE _____ ZIP _____

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 3198.95

DISCOUNT 317.99 IF PAID IN 30 DAYS

SIGNATURE Bud Neff

Bud Neff
PRINTED NAME