

CONFIDENTIAL

FORM MUST BE TYPED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 32334
Name: Chesapeake Operating, Inc.
Address P.O. Box 18496
Oklahoma City, OK 73154-0496
City/State/Zip Oklahoma City, OK 73154-0496

Purchaser: GPM
Operator Contact Person: Randy Gasaway/Jim Gowens
Phone (405) 848-8000 1-13-00

Contractor: Name: Murfin Drilling
License: 30606

Wellsite Geologist: David Hickman

Designate Type of Completion
 New Well Re-Entry Workover

Oil SUD SLOW Temp. Abd.
 Gas ENHR SIGM
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Deepening _____ Re-perf. _____ Conv. to Inj/SUD
Plug Back _____ PBTD
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SUD or Inj?) Docket No. _____
10/11/99 10/19/99 11/10/99
Spud Date Date Reached TD Completion Date

API NO. 15- 025-21191-00-00

County Clark

-80' N N/2 NW Sec. 18 Twp. 35S Rge. 25 X ^E _W

1240 Feet from S (N) (circle one) Line of Section

660 Feet from E (W) (circle one) Line of Section

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

Lease Name THEIS Well # 4-18

Field Name McKinney

Producing Formation Chester/Morrow

Elevation: Ground 2206' KB 2217'

Total Depth 6350' PBTD 6300'

Amount of Surface Pipe Set and Cemented at 781' 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 cat.

Drilling Fluid Management Plan Att. 1 No spud call
(Data must be collected from the Reserve Pit) 1-13-00 U.C.

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 Rng. _____ E/W

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 on 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 01/10/2000

Subscribed and sworn to before me this 10th day of January 19 00.

Notary Public Jerry Raterbusa

Date Commission Expires 08-24-2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC _____ SUD/Rep _____ NGPA _____
KGS _____ Plug _____ Other _____
(Specify)
2000

RELEASED
DEC 2 2000

FROM CONFIDENTIAL Form ACO-1 (7-91)

SIDE TWO

Operator Name Chesapeake Operating, Inc. Lease Name THEIS Well # 4-18
 Sec. 18 Twp. 35S Rge. 25W East West
 County Clark

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<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	4556	-2339
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4728	-2511
List All E.Logs Run: Reeves DIS, CNS/PDS		Stark Shale	5323	-3106
		Marmaton	5444	-3227
		Cherokee	5648	-3431
		Morrow Shale	4978	-3761
		Chester	6102	-3885

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
Surface	12-1/4"	8-5/8"	24#	775'	Cl. C	502	
Production	7-7/8"	4-1/2"	11.6#	6350'	Premium	300	

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)	
		Amount	Depth
2	6216-25	1500 gal 15% HCL, 1500 bbls SW	
2	6116-22'; 6132-38'	1500 gal 15% HCL, 1500 bbls SW	
2	6027'-34'	525 bbls gelled Wtr, 34,000# 20/40 sand	

TUBING RECORD Size 2-3/8", 4.7# Set At 6,050' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 11/10/99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>21</u>	Gas Mcf <u>2,668</u>	Water Bbls. <u>34</u>	Gas-Oil Ratio <u>127,000:1</u>	Gravity <u>50</u>
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Disposition of Gas: METHOD OF COMPLETION S 030 Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____



JAN 10 2000

Kansas Corporation Commission

Bill Graves, Governor John Wine, Chair Cynthia L. Claus, Commissioner Brian J. Moline, Commissioner

To: KCC

January 7, 2000

Chesapeake Operating, Inc.
Attn. Randy Gasaway *Barbara Bale*
PO Box 18496 6200 N Western Ave.
Oklahoma City, OK 73154-0496

RE: Outstanding Information

Dear Mr. Gasaway,

The ACO-1 well completion form(s) received by this agency for the following wells drilled and operated by your company are missing some completion records. Listed below are the needed well records:

Operator: Chesapeake Operating, Inc.

A.P.I.	WELL NAME	LOCATION	COUNTY
15-025-21191	Theis #4-18	18-35-25W	Clark

The information to be forwarded includes:

All drilling and completion information. Need name of Purchaser.

add GPM to Report

Copies of electric logs run.

A copy of geological reports compiled by wellsite geologist.

- need Mud Log

A copy of all cement invoices showing type, amounts and additives used to cement casing strings and/or to plug and abandon.

The ACO-1 you have submitted is not notarized. Please resubmit a new notarized ACO-1 and send to my attention.

Any commingling information; File on the ACO-4 form.

This requested information must be submitted by January 31, 2000 for processing as stated under K.A.R. 82-3-107(d) of the General Rules and Regulations for the State of Kansas.

Please contact me at (316) 337-6225 if you have any questions.

Sincerely,

Virgil Clothier
Virgil Clothier
Production Department

RELEASED

DEC 21 2000

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JAN 13 2000

CONSERVATION DIVISION
Wichita, Kansas

CONFIDENTIAL

KCC

DEC 27 1999



CEMENT JOB REPORT

CONFIDENTIAL

CUSTOMER Chesapeake Operating			DATE 12-OCT-99		F.R. # 127110408		SERV. SUPV. Randy Sheets				
LEASE & WELL NAME Thels #4-18 - API 15025211910000			LOCATION Sec. 18-35S-25W			COUNTY-PARISH-BLOCK Clark Kansas					
DISTRICT Perryton			DRILLING CONTRACTOR RIG # Murfin Drig #22			TYPE OF JOB Surface					
SIZE & TYPE OF PLUGS Cement Plug, Rubber, Top 8-5/8 in			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES					
						SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ											
35:65:6 Class C						12.8	1.83	9.76		77.41	55.08
Class C Premium + 2% CaCl ₂						14.82	1.34	6.31		39.43	24.80
Displacement Fluid										46.81	
100 Sks C + 2% CaCl ₂						14.8	1.34	6.31		24	15.11
Available Mix Water 500 Bbl.			Available Displ. Fluid 410 Bbl.			TOTAL			187.66	94.98	
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
12.25		781	8.625	24	CSG	780	J-55				
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		TOP	BTM	SIZE	THREAD	TYPE	WGT.
								8.625	8RD	WATER BASED MUD	9.8
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER SOURCE
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
46.8	BBLS	Displace		350							Rig
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:											
PRESSURE/RATE DETAIL						EXPLANATION					
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES 2000 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>					
09:11	2000					TEST LINES					
09:13	200		4.5		H2O	START WATER SPACER					
09:15	300		5.5	10	H2O	START CEMENT					
09:31	100		4	77	POZ C	START TAIL CEMENT					
09:41	0		0	39	C	ALL CEMENT SHUTDOWN DROP PLUG					
09:45	100		5.5		H2O	START DISPLACEMENT					
09:53	50		2.5	36	H2O	SLOW RATE					
09:57	600		0	46.8	H2O	BUMP PLUG TEST FLOAT					
09:58	0		0			FLOAT HELD					
10:19	50		2			START TOP OUT					
10:39	0		0			SHUTDOWN					
RECEIVED ST. CORPORATION COMMISSION DEC 21 1999 Conservation Division Tulsa, Kansas						RELEASED DEC 21 2000 FROM CONFIDENTIAL					
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	Bbl. CMT. RETURNS REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERV. SUPV.				
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	600	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1	140	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					

CONFIDENTIAL



CEMENT JOB REPORT

KCC

DEC 27 1999

CUSTOMER Chesapeake Operating		DATE 21-OCT-99	F.R. # 127110419	SERV. SUPV. Randy Sheets			
LEASE & WELL NAME Theis #4-18 - API 15025211910000		LOCATION Sec 18 - 35S - 25W		COUNTY-PARISH-BLOCK Clark Kansas			
DISTRICT Perryton		DRILLING CONTRACTOR RIG # Murfin Drig #22		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS Cement Plug, Rubber, Top 4-1/2 In		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
MATERIALS FURNISHED BY BJ		SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
300 Sks H + 10% A-10 + 10% Salt + Additives		14.8	1.54	6.55		82	46.63
Available Mix Water 400 Bbl.		Available Displ. Fluid 330 Bbl.		TOTAL		82	46.63

HOLE			TBG-CSG-O.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
7.875		6360	4.5	11.8	CSG	6379	J-55			

LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	780					4.5	BRD	WATER BASED MUD	9.4

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER SOURCE
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RIG
98.3	BBLs			800							

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL					EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 2000 PSI
05:30	2000					CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>
05:34	400		5.5		H2O	TEST LINES
05:37	400		5.5	10	H2O	START CAUSTIC SPACER
05:40	500		5	10	H2O	START WATER SPACER
05:59	0		3.5	82	H	START CEMENT
06:05	200		6		H2O	ALL CEMENT SHUTDOWN WASH P&L
06:22	750		2.5	88	H2O	DROP PLUG START DISPLACEMENT
06:26	1250		0	98.3	H2O	SLOW RATE
06:27	0		0			BUMP PLUG TEST FLOAT
						FLOAT HELD

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ST. CORPORATION COMMISSION

DEC 20 2000

Conservation Division
Wichita Kansas

RELEASED

DEC 21 2000

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERV. SUPV.
<input checked="" type="checkbox"/> N	1250	<input checked="" type="checkbox"/> N	0	200	0	<input checked="" type="checkbox"/> N	

FROM CONFIDENTIAL