Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1070531

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32334
Name: Chesapeake Operating, Inc.
Address 1: 6100 N WESTERN AVE
Address 2: PO BOX 18496
City: OKLAHOMA CITY State: OK Zip: 73154 + 0496
Contact Person: Aletha Dewbre - David Wiist
Phone: (405) 935-4594
CONTRACTOR: License # 34500
Name: Nomac Drilling, LLC
Wellsite Geologist: Tommy Smith-Chavez
Purchaser: NA

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☑ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., 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 ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

11/13/2011	12/7/2011	12/7/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-033-21602-00-00
Spot Description:
NW NW NW NE Sec. 31 Twp. 34 S. R. 16 ☐ East ☑ West
185 Feet from ☑ North / ☐ South Line of Section
2440 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Comanche
Lease Name: Pete 31-34-16 Well #: 1 SWD
Field Name:
Producing Formation: na
Elevation: Ground: 1858 Kelly Bushing: 1874
Total Vertical Depth: 7928 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 800 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
(Data must be collected from the Reserve Pit)

Chloride content: 300 ppm Fluid volume: 2450 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Oil Producers, Inc. of Kansas
Lease Name: Albert Bouziden 18-3 License #: 8061
Quarter SW Sec. 18 Twp. 34 S. R. 3 ☐ East ☑ West
County: Barber Permit #: D30637

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

☑ **Confidentiality Requested**
Date: 03/08/2012
☑ **Confidential Release Date:** 03/08/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 03/09/2012

[redacted]

1070531

Operator Name: Chesapeake Operating, Inc. Lease Name: Pete 31-34-16 Well #: 1 SWD

Sec. 31 Twp. 34 S. R. 16 ☐ East ☑ West County: Comanche

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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
	open Hole 6385 - 7928		

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	5.950	6141	6140-43	☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR.

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:

☐ Vented ☐ Sold ☐ Used on Lease

(If vented, Submit ACO-18.)

METHOD OF COMPLETION:

☑ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

6385 - 7928

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Chesapeake Operating, Inc.
Well Name	Pete 31-34-16 1 SWD
Doc ID	1070531

All Electric Logs Run

Spectral Density Dual Spaced Neutron Log
Array Compensated Resistivity Log
Final 1" MD
Final 1" TVD
Final 5" MD
Final 5" TVD
Horizon Mud Log

Form	ACO1 - Well Completion
Operator	Chesapeake Operating, Inc.
Well Name	Pete 31-34-16 1 SWD
Doc ID	1070531

Tops

Name	Top	Datum
Base Heebner Shale	4420	-2530
Tonkawa	4606	-2716
Hogshooter	4980	-3090
Oswego	5085	-3195
Cherokee	5265	-3375
Mississippi	5335	-3445
Viola	5775	-3885
Simpson	6000	-4110
Arbuckle	6100	

Form	ACO1 - Well Completion
Operator	Chesapeake Operating, Inc.
Well Name	Pete 31-34-16 1 SWD
Doc ID	1070531

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	130		54	
surface	17.5	13.3750	54	800	A	910	
Intermediate	12.25	8.920	36	6385	H J-55	990	
Tubing-Production	7	5.	23	6141		0	
Production	7	6.366	23	6783	J-55	0	

Notice of Conductor Pipe Installation

Installation Company Information

Firm Name	Elite Drilling, LLC.
Mailing Address	3105 Bent Creek Drive
City	Woodward
State	OK
Zip	73801

Well Operator Information

Operator name	Chesapeake Operating, Inc.
Mailing Address	Rt. 1 Box 5-A
City	Waynoka
State	OK
Zip	73860

Well Information

Well Name	Pete 31-34-16-1-SWD
Legal location	Sec. 31-34S-16W
Footage	
County	

Installation Details

Pipe Size	20"
Depth	130'
Completion Method	Displacement
Date installed	10/28/2011
Cement	18 yds Class A Type 1

CEMENT TREATMENT REPORT

Customer:	CHESAPEAKE OPERATING INC	Date:	11/14/2011	Invoice #:	249195
Serv. Supv:	CLAY NALLEY				
Lease	PETE	Well Name:	31-34-16 1SWD	County:	COMANCHE
District:	CLINTON	Rig:	NOMAC 115	Type of Job:	13 3/8 SURFACE PIPE

Plugs	Casing Hardware
TOP WOODEN	

Materials Furnished by Superior	Sacks of Cement	Slurry Wt PPG	Slurry Yield CuFt	Water GPS	Slurry Bbls	Mix Water Bbls
Spacer: 30 BBL H20						
Lead: 35:65 POZ CLASS A	450	13	1.86	9.88	149.06	103.71
1%C.C.,6%BENT, .25 LB/SK SUPER FLAKE, 8% GYP-60						
Tail: CLASS A	460	15.6	1.18	5.19	96.67	56.84
.25 LB/SK SUPER FLAKE, 2% C.C.						

HOLE			TUBING - CASING - DRILL PIPE						COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT	TYPE	DEPTH	GRADE		SHOE	FLOAT	STAGE
17 1/2	150	800	13 3/8	54.5		800	J 55		805	759	NA

LAST CASING			PKR / CMT RET / LINER PKR		PERF DEPTH		TOP CONN		WELL FLUID	
SIZE	WT	DEPTH	BRAND / TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT
20		60					13 3/8	8 RD	WBM	9

DISPL VOLUME		DISPL FLUID		CAL PSI	MAX TUBING PRES		MAX CSG PRESSURE		MIX
VOLUME	UOM	TYPE	WGT	BMP PLUG	RATED	WORKING	RATED	WORKING	WATER
117.26	TANKS	H 2O	8.33	275.48			2730	1500	160.55

Time	Rate	Pressure	Bbls Pumped	Fluid Type	
					Time Left Yard 6:00 / Time Left Loc
					Time Arrived Loc 9:10 / Time Arrived Yard
04:00					CALLED OUT
04:55					JOURNEY MANAGEMENT MEETING
06:00					LEAVE YARD
09:10					ON LOCATION
09:20					PRE RIG UP MEETING
09:25					SPOT TRUCKS RIG UP
10:30					TEST H20
11:00					RIG UP CASING CREW
15:00					STAB HEAD HOOK RIG UP TO CIRCULATE, CASERS RIGGING DOWN
16:05					PRE JOB SAFTEY MEETING
16:10					HOOK UP SUPERIOR TO WELL
16:15		1500		H20	TEST LINES
16:16	4	80	30	H2O	PUMP H2O AHEAD
16:23	4	120	149	CEMENT	PUMP LEAD CEMENT 13 LB/GAL
16:53	4	140	96.67	CEMENT	PUMP TAIL CEMENT 15.6 LB/GAL
17:30					SHUT DOWN DROP PLUG
17:32	6	150	0	H20	START DISPLACEMENT
17:43	6	220	50	H2O	DISPLACING
18:00		800	117.26	H2O	PLUG DOWN
18:05		0			RELEASE PRESSURE FLOATS HOLDING
18:10					POST JOB SAFTEY MEEYING
18:15					RIG DOWN
19:00					LEAVE LOCATION

Bumped Plug	Final Lift Pressure	Floats Held	PSI Left on Casing	Cement to Surface	
YES	300	YES	NO	50	Bbls

CLAY NALLEY
Service Supervisor

CEMENT TREATMENT REPORT

Customer:	Chesapeake Operating	Date:	11/30/2011	Invoice #:	249201	Serv. Supv:	Clay Nalley
Lease	Pete	Well Name:	31-34-16 1SWD			County:	Comanche
District:	Clinton	Rig:	Nomac 115	Type of Job:	9.625 2 Stage D.V. Job		

Plugs	Casing Hardware	Physical Slurry Properties					
Weatherford	Weatherford	Sacks of Cement	Slurry Wt PPG	Slurry Yield CuFt	Water GPS	Slurry Bbls	Mix Water Bbls
Materials Furnished by Superior							
Spacer:	Dust Flush					40	40
Lead:	(First Stage) Class H, 10% SALT, 10% GYP60, 10L/B SK	215	15	1.48	5.63	56.67	28.82
	GILSONITE, .8% SUPER FL200, .15% SUPER CR1						
Tail:	(SECOND) SAME AS FIRST	775	15	1.48	5.63	204.28	103.88

HOLE			TUBING - CASING - DRILL PIPE					COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT	TYPE	DEPTH	GRADE			
12 1/4	40	6385	9 5/8	40	CASING	6381	K-55	6091	6044	5892

LAST CASING			PKR / CMT RET / LINER PKR		PERF DEPTH		TOP CONN		WELL FLUID	
SIZE	WT	DEPTH	BRAND / TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT
13 3/8		800					9 5/8	BUTT	WBM	9

DISPL VOLUME		DISPL FLUID		CAL PSI			MAX TUBING PRES		MAX CSG PRESSURE		
VOLUME	UOM	TYPE	WGT	BMP PLUG			RATED	WORKING	RATED	WORKING	WATER
480.87	bbl	WBM	9	160					3950	1975	132.7

Time	Rate	Pressure	Bbls Pumped	Fluid Type				
					Time Left Yard	7:45	Time Left Loc	1:00
					Time Arrived Loc	11:30	Time Arrived Yard	
04:00					CALLED OUT			
06:00					JOURNEY MANAGEMENT MEETING			
07:45					LEAVE YARD			
11:30					ON LOCATION			
11:45					PRE RIG UP MEETING			
12:00					SPOT TRUCKS RIG UP			
13:15					TEST H20			
15:30					Stab Head			
15:40					Rig CIRCULATING			
16:20					PRE JOB SAFTEY MEETING			
16:30	0.25	2500	0.25	H20	TEST LINES 2500 PSI			
16:35	5	200	20	DUST	PUMPED TWENTY BBLS DUST FLUSH			
16:42	4	300	56.67	CEMENT	215 SACKS MIXED AT 15LB/GAL			
16:56	6	0	0		SHUT DOWN DROP PLUG			
17:15	5.5	250	10	WBM	START DISPLACEMENT			
17:30	7	800	50	WBM	DISPLACING			
18:40	3	1000	480.87	WBM	PLUG DOWN			
18:50	0	0			RELEASED PSI FLOATS HOLDING			
18:52	2	1500	5	WBM	INFLATE PACKER			
19:15					DROP BOMB			
19:50	3	2000	10	WBM	OPEN DV TOOL			
19:55	3	120	35	H20	WASH MUD OUT OF TRUCK WHILE CIRCULATING			
20:05	4	175	20	DUST	PUMPED TWENTY BBLS DUST FLUSH START SECOND STAGE			
20:10	5	250	204.28	CEMENT	775 SKS MIXED AT 15LB/GAL			

Bumped Plug	Final Lift Pressure	Floats Held	PSI Left on Casing	Cement to Surface
YES	1500	YES	0	0 bbls

CLAY NALLEY
Service Supervisor

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

March 08, 2012

Aletha Dewbre - David Wiist
Chesapeake Operating, Inc.
6100 N WESTERN AVE
PO BOX 18496
OKLAHOMA CITY, OK 73154-0496

Re: ACO1
API 15-033-21602-00-00
Pete 31-34-16 1 SWD
NE/4 Sec.31-34S-16W
Comanche County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Aletha Dewbre - David Wiist