

Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152-2000  
Rule 165: 10-3-25

Form 1002A

API No.: 35073256220000

**Completion Report**

Spud Date: May 08, 2017

OTC Prod. Unit No.: 073-222413

Drilling Finished Date: August 24, 2017

1st Prod Date: October 20, 2017

Completion Date: October 03, 2017

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: MUEGGENBORG 5-17-6 1H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

First Sales Date: 10/22/2017

Location: KINGFISHER 8 17N 6W  
NE NW NE NW  
325 FNL 1801 FWL of 1/4 SEC  
Latitude: 35.969928 Longitude: -97.865432  
Derrick Elevation: 1103 Ground Elevation: 1076

Operator: CHESAPEAKE OPERATING LLC 17441  
PO BOX 18496  
6100 N WESTERN AVE  
OKLAHOMA CITY, OK 73154-0496

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
670531

Increased Density
Order No
There are no Increased Density records to display.

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1528		715	SURFACE
PRODUCTION	7	26	P-110EC	7695		295	3455

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.50	P-110EC	5977	0	620	6638	12615

**Total Depth: 12617**

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
12481	PERMANENT BP

Initial Test Data
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Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
Dec 02, 2017	OSWEGO	470	40.12	403	857	696	PUMPING			172

Completion and Test Data by Producing Formation									
Formation Name: OSWEGO				Code: 404OSWG			Class: OIL		
Spacing Orders				Perforated Intervals					
Order No		Unit Size		From			To		
662867		640		7590			12477		
Acid Volumes				Fracture Treatments					
298,850 GALLONS ACID				49,331 BARRELS FLUIDS					

Formation	Top
OSWEGO	6834

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
LOST PERFORATION GUN, PUSHED TO THE END OF THE HORIZONTAL, AND SET PLUG TO SEAL IN PLACE

Lateral Holes
Sec: 5 TWP: 17N RGE: 6W County: KINGFISHER  NE   NW   NW   NW  193 FNL   436 FWL of 1/4 SEC  Depth of Deviation: 6030 Radius of Turn: 541 Direction: 359 Total Length: 5783  Measured Total Depth: 12617 True Vertical Depth: 6571   End Pt. Location From Release, Unit or Property Line: 193

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1138467</div>

PLEASE TYPE OR USE BLACK INK ONLY

NOTE:  
Attach copy of original 1002A if recompletion or reentry.

## Oil &amp; Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Rule 165:10-3-25

**RECEIVED** Form 1002A  
Rev. 2009

DEC 15 2017

OKLAHOMA CORPORATION  
COMMISSION

☒ ORIGINAL  
☐ AMENDED  
Reason Amended \_\_\_\_\_

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE    ☐ DIRECTIONAL HOLE    ☒ HORIZONTAL HOLE

## COMPLETION REPORT

TYPE OF DRILLING OPERATION

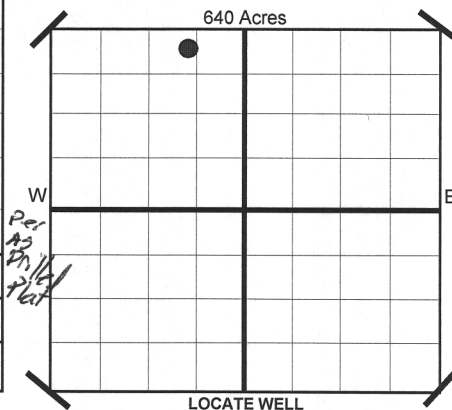
☐ STRAIGHT HOLE    ☐ DIRECTIONAL HOLE    ☒ HORIZONTAL HOLE

☐ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY	Kingfisher	SEC	8	TWP	17N	RGE	6W
LEASE NAME	Mueggenborg 5-17-6				WELL NO	1H	
SHL	FNL				FWL OF		
NE 1/4	NW 1/4	NE 1/4	NW 1/4	325	1/4 SEC	1,801	
ELEVATION	Latitude (if Known)						
Derrick Ft	1,103	Ground	1,076	35.969928			
OPERATOR NAME	CHESAPEAKE OPERATING, L.L.C.						
ADDRESS	P.O. BOX 18496						
CITY	OKLAHOMA CITY					STATE	

SPUD DATE	5/8/2017
DRLG FINISHED DATE	8/24/2017
DATE OF WELL COMPLETION	10/3/2017
1ST PROD DATE	10/20/2017
RECOMP DATE	
Longitude (if Known)	- 97.865432
C/OCC OPERATOR NO.	17441
OK	ZIP 73154



**COMPLETION TYPE**

X	SINGLE ZONE	
	MULTIPLE ZONE Application Date	
	COMMINGLED Application Date	
LOCATION		
EXCEPTION ORDER NO.		670531 F.O.
INCREASED DENSITY		
ORDER NO.		N/A

**CASING & CEMENT (Form 1002C must be attached)**

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
CONDUCTOR							
SURFACE	9-5/8"	36#	J-55	1,528		715	Surface
INTERMEDIATE							
PRODUCTION	7"	26#	P-110EC	7,695		295	3,455
LINER	4-1/2"	13.50#	P-110EC	6,638-12,615		620	6,638
G @ TYPE	PLUG @	12.481	TYPE Perm BP	TOTAL DEPTH			12,617

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_  
PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_

PLUG @	TYPE	PLUG @	12,481	TYPE	Perm BP
PLUG @	TYPE	PLUG @		TYPE	

TOTAL DEPTH	12,617
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### COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Oswego					Reported to Frac Focus
SPACING & SPACING	640					
ORDER NUMBER	662867					
CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Oil					
PERFORATED INTERVALS	7,590 - 12,477					
ACID/VOLUME	298,850 gals acid					
FRACTURE TREATMENT (Fluids/Prop Amounts)	49,331 bbls fluids					

Minimum Gas Allowable (165:10-17-7)

Gas Purchaser/Measurer

Chesapeake Operating, L.L.C.

☒

OR


1st Sales Date

10/22/2017

### INITIAL TEST DATA

INITIAL TEST DATE	12/2/2017						
OIL-BBL/DAY	470						
OIL-GRAVITY ( API)	40.12						
GAS-MCF/DAY	403						
GAS-OIL RATIO CU FT/BBL	857						
WATER-BBL/DAY	696						
PUMPING OR FLOWING	Pumping						
INITIAL SHUT-IN PRESSURE							
CHOKE SIZE							
FLOW TUBING PRESSURE	172						

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

		<b>JUANITA COOPER - SR. REGULATORY ANALYST</b>		<b>12/14/2017</b>		<b>405-848-8000</b>	
SIGNATURE		NAME (PRINT OR TYPE)		DATE		PHONE NUMBER	
<b>P.O. BOX 18496</b>		<b>OKLAHOMA CITY</b>		<b>OK 73154</b>		<b>juanita.cooper@chk.com</b>	
ADDRESS		CITY		STATE		ZIP	
						EMAIL ADDRESS	

PLEASE TYPE OR USE BLACK INK ONLY  
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME Mueggenborg 5-17-6

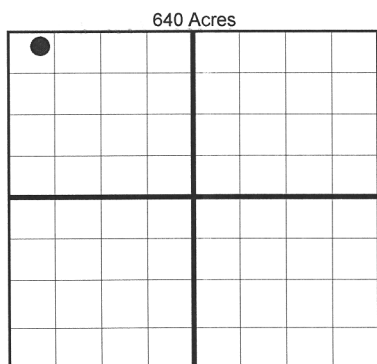
WELL NO. 1H

NAMES OF FORMATIONS	TOP
Oswego	6,834

FOR COMMISSION USE ONLY	
ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED _____	DISAPPROVED _____
2) Reject Codes	
_____	
_____	
_____	
_____	

Were open hole logs run?	yes	<input checked="" type="checkbox"/> no
Date Last log was run	N/A	
Was CO <sub>2</sub> encountered?	yes	<input checked="" type="checkbox"/> no at what depths?
Was H <sub>2</sub> S encountered?	yes	<input checked="" type="checkbox"/> no at what depths?
Were unusual drilling circumstances encountered?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>	
If yes, briefly explain.		

Other remarks: Lost perf gun, pushed to the end of the horizontal, and set plug to seal in place.



**BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE**

FORM NO. 1 - ADDITIONAL INFORMATION						
SEC	TWP	RGE	COUNTY			
Spot Location				Feet From 1/4 Sec Lines	FSL	FWL
1/4	1/4	1/4	1/4			
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		

**BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)**

BOTTOM HOLE LOCATION & HORIZONTAL HOLE (E-W LINE), LATERAL #1									
SEC	TWP	RGE	COUNTY	Kingfisher					
5	17N	6W							
Spot Location				Feet From 1/4 Sec Lines		FNL	193	FWL	436
NE 1/4		NW 1/4		NW 1/4					
Depth of Deviation		6,030		Radius of Turn		541		Direction	
				359		Total Length		5,783	
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:					
12,617		6,571		193					

**LATERAL #2**

CATALOG #2							
SEC	TWP		RGE		COUNTY		
Spot Location				Feet From 1/4 Sec Lines	FSL	FWL	
1/4		1/4		1/4	1/4		
Depth of Deviation			Radius of Turn		Direction	Total Length	
Measured Total Depth			True Vertical Depth		BHL From Lease, Unit, or Property Line:		

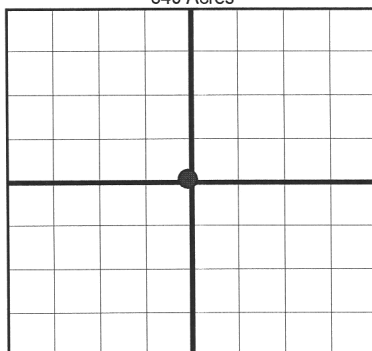
**LATERAL #3**

EXTERNAL #3							
SEC	TWP	RGE	COUNTY				
Spot Location					Feet From 1/4 Sec Lines	FSL	FWL
1/4		1/4	1/4	1/4			
Depth of Deviation		Radius of Turn			Direction	Total Length	
Measured Total Depth		True Vertical Depth			BHL From Lease, Unit, or Property Line:		

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

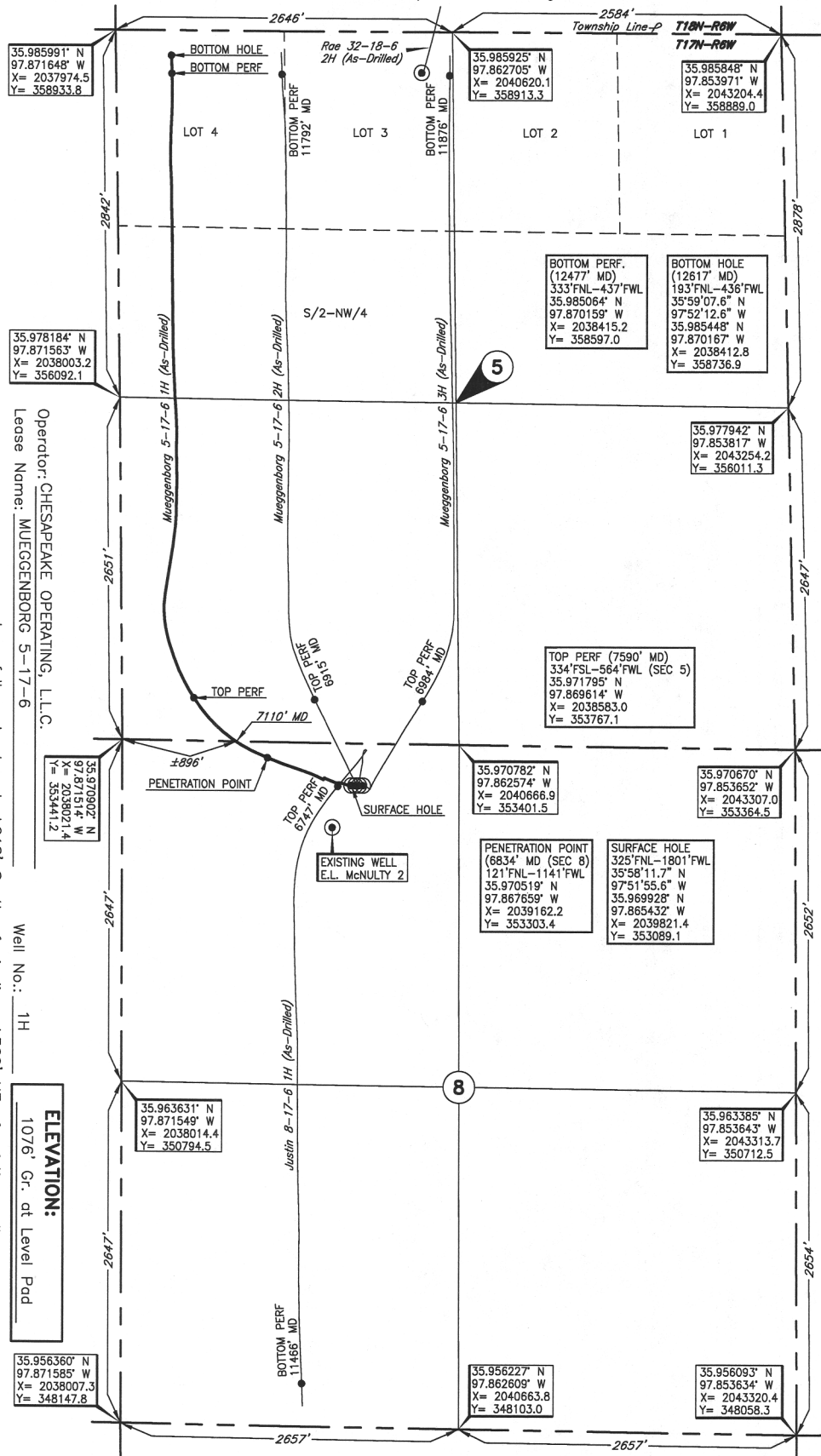
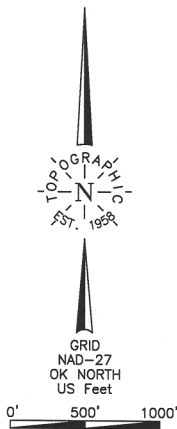
**Directional surveys are required for all drainholes and directional wells.**



KINGFISHER

County, Oklahoma

325'FNL - 1801'FWL Section 8 Township 17N Range 6W I.M.



Best Accessibility to Location \_\_\_\_\_ From North off county road  
Distance & Direction \_\_\_\_\_  
from Hwy Jet or Town \_\_\_\_\_ From Dover, OK, go  $\pm 1.5$  mi. South on US Hwy. 81, then  $\pm 3.5$  mi. East,  
then  $\pm 1.0$  mi. North, then  $\pm 1.0$  mi. West to the NW Cor. of Sec. 8-117N-R6W

Good Drill Site? \_\_\_\_\_ Yes \_\_\_\_\_  
Reference Stakes or Alternate Location \_\_\_\_\_  
Stakes Set \_\_\_\_\_ None \_\_\_\_\_

Operator: CHESAPEAKE OPERATING, L.L.C.  
Lease Name: MUEGGENBORG 5-17-6

Well No.: 1H

ELEVATION:  
1076' Gr. at Level Pad

DATUM: NAD-27  
LAT: 35°58'11.7" N  
LONG: 97°51'55.6" W  
LAT: 35.969928° N  
LONG: 97.865432° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 2039821.4  
Y: 353089.1

282970 Date of Drawing: Oct. 19, 2017  
Invoice # 269594A Date Staked: Feb. 09, 2017 JP

# FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION  
FURNISHED BY CHESAPEAKE OPERATING