

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.: 35153236330000

Completion Report

Spud Date: September 24, 2018

OTC Prod. Unit No.: 153-224624

Drilling Finished Date: October 06, 2018

1st Prod Date: November 16, 2018

Completion Date: October 24, 2018

Drill Type: HORIZONTAL HOLE

Well Name: TAMBORA 5-24-17 1H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

First Sales Date: 11/16/2018

Location: WOODWARD 5 24N 17W
SW SW SE SE
155 FSL 1000 FEL of 1/4 SEC
Derrick Elevation: 1705 Ground Elevation: 1680

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

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	688565		681670	
	Commingled				

Casing and Cement								
Type		Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE		9 5/8	36	J-55	1510		725	SURFACE
PRODUCTION		7	29	P-110EC	6935		255	4197

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.50	P-110EC	5087	0	445	6600	11687

Total Depth: 11688

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

Initial Test Data										
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 31, 2018	CHESTER LIME			2282		85	FLOWING	901	64/64	91

Completion and Test Data by Producing Formation			
Formation Name: CHESTER LIME		Code: 354CRLM	Class: GAS
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
80667	640	6711	11618
Acid Volumes		Fracture Treatments	
48,478 GALLONS ACID		87,406 BARRELS FLUIDS, 3,757,372 POUNDS PROPPANT	

Formation	Top
CHESTER LIME	6701

Were open hole logs run? No

Date last log run:


Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
There are no Other Remarks.

Lateral Holes
Sec: 5 TWP: 24N RGE: 17W County: WOODWARD
NE NE NW NE
99 FNL 1411 FEL of 1/4 SEC
Depth of Deviation: 5870 Radius of Turn: 546 Direction: 2 Total Length: 4987
Measured Total Depth: 11688 True Vertical Depth: 6416 End Pt. Location From Release, Unit or Property Line: 99

FOR COMMISSION USE ONLY	
Status: Accepted	1141881

 SIGNATURE		JUANITA COOPER - REGULATORY SPECIALIST NAME (PRINT OR TYPE)		1/14/2019 DATE	405-848-8000 PHONE NUMBER
P.O. BOX 18496 ADDRESS		OKLAHOMA CITY CITY	OK 73154 STATE ZIP	juanita.cooper@chk.com 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 Tambora 5-24-17

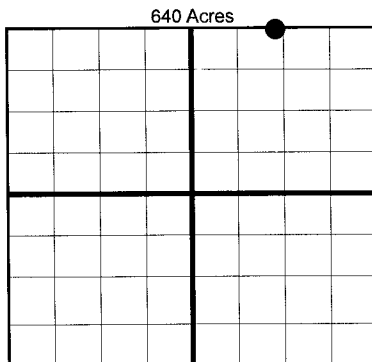
WELL NO. 1H

NAMES OF FORMATIONS	TOP
Chester Lime	6,701

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

Other remarks:



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Measured Total Depth	True Vertical Depth	Feet From 1/4 Sec Lines FSL FWL	
BHL From Lease, Unit, or Property Line:			

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

SEC	TWP	RGE	COUNTY
5	24N	17W	Woodward
Spot Location	NE 1/4	NE 1/4	NW 1/4
Depth of Deviation	5,870	Radius of Turn	546
Measured Total Depth	11,688	True Vertical Depth	6,416
Feet From 1/4 Sec Lines		FNL 99	FEL 1,411
Direction 2		Total Length	4,987
BHL From Lease, Unit, or Property Line: 99			

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location	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:	

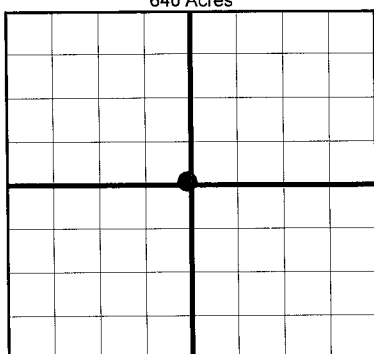
LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location	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.



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

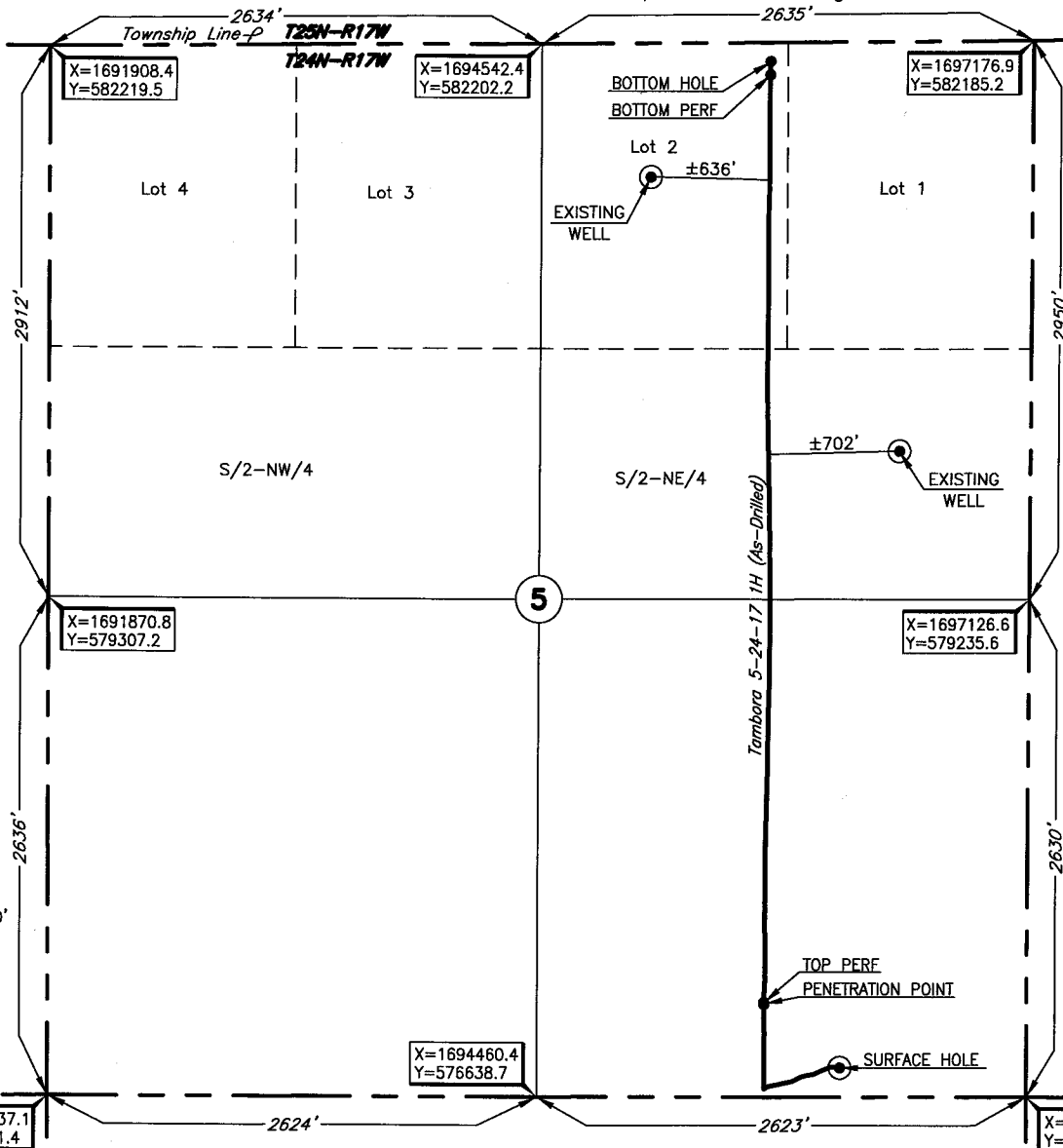
WOODWARD

County, Oklahoma

155'FSL - 1000'FEL Section 5 Township 24N Range 17W I.M.

2634'
Township Line-P
T25N-R17W
T24N-R17W

2635'



BOTTOM HOLE
(11688' MD)
99'FNL-1411'FEL
36'35'40.7" N
99'02'10.8" W
36.594630' N
99.036336' W
X= 1695764.6
Y= 582095.0

BOTTOM PERF
(11618' MD)
169'FNL-1412'FEL
36.594438' N
99.036340' W
X= 1695762.4
Y= 582025.2

TOP PERF.
(6711' MD)
501'FSL-1409'FEL
36.580975' N
99.036435' W
X= 1695682.3
Y= 577124.2

PENETRATION POINT
(6701' MD)
491'FSL-1409'FEL
36.580949' N
99.036436' W
X= 1695681.9
Y= 577114.9

Operator: CHESAPEAKE OPERATING, L.L.C.

Lease Name: TAMBORA 5-24-17

Well No.: 1H

ELEVATION:

1680' Gr. at Level Pad

Topography & Vegetation Loc. fell on level pad

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction

from Hwy Jct or Town From Jct. US Hwy. 412 E-W and St. Hwy. 50 on Mooreland, OK, go ±10.0 mi. North,
then ±4.0 mi. East, then ±1.0 mi. North, then ±3.0 mi. East, then ±0.5 mi. South, then ±2.0 mi. East,
then ±0.5 mi. South to the SE Cor. of Sec. 5-T24N-R17W

DATUM: NAD-27
LAT: 36°34'48.1"N
LONG: 99°02'06.2"W
LAT: 36.580023030° N
LONG: 99.035048734° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1696085.6
Y: 576773.5

306031 Date of Drawing: Nov. 01, 2018
Invoice # 287068 Date Staked: Feb. 26, 2018

JP

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
FURNISHED BY CHESAPEAKE OPERATING, L.L.C.

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy

4/1/19
Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

Form 1002A

1016EZ

API No.: 153236330000

Completion Report

Spud Date: September 24, 2018

OTC Prod. Unit No.: 153-224624

Drilling Finished Date: October 06, 2018

1st Prod Date: November 16, 2018

Completion Date: October 24, 2018

A: 115276 S

Drill Type: HORIZONTAL HOLE

Well Name: TAMBORA 5-24-17 1H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

First Sales Date: 11/16/2018

Location: WOODWARD 5 24N 17W
SW SW SE SE
155 FSL 1000 FEL of 1/4 SEC
Derrick Elevation: 1705 Ground Elevation: 1680

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

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	688565		681670	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1510		725	SURFACE
PRODUCTION	7	29	P-110EC	6935		255	4197

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.50	P-110EC	5087	0	445	6600	11687

Total Depth: 11688

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

Plug	
Depth	Plug Type
There are no Plug records to display.	

Initial Test Data										
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 31, 2018	CHESTER LIME			2282		85	FLOWING	901	64/64	91

March 04, 2019