

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.: 35151245440000

Completion Report

Spud Date: October 31, 2018

OTC Prod. Unit No.: 151-224876

Drilling Finished Date: November 15, 2018

1st Prod Date: January 03, 2019

Completion Date: December 11, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LEE 11-23-14 1H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

Location: WOODS 11 23N 14W
NW NW NE NE
255 FNL 1070 FEL of 1/4 SEC
Derrick Elevation: 1522 Ground Elevation: 1497

First Sales Date: 01/04/2019

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	690279		683703	
	Commingle				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	H-40	272		315	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1517		610	415
PRODUCTION	7	29	P-110EC	7091		290	3901

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.50	P-110	5261	0	460	6829	12090

Total Depth: 12105

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
Feb 17, 2019	MANNING	35	38.4	932	26629	149	ARTIFICIA			94

Completion and Test Data by Producing Formation					
Formation Name: MANNING		Code: 354MNNG		Class: GAS	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From		To	
154982	640	7088		12019	
Acid Volumes		Fracture Treatments			
54,500 GALLONS ACID		127,992 BARRELS FLUIDS, 5,744,273 POUNDS PROPPANT			

Formation	Top
MANNING	6834

Were open hole logs run? Yes

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
EXCEPTION TO THE RULE ORDER NUMBER 690280

Lateral Holes
Sec: 11 TWP: 23N RGE: 14W County: WOODS SW SW SE SE 88 FSL 1088 FEL of 1/4 SEC Depth of Deviation: 6090 Radius of Turn: 652 Direction: 180 Total Length: 5271 Measured Total Depth: 12105 True Vertical Depth: 6742 End Pt. Location From Release, Unit or Property Line: 88

FOR COMMISSION USE ONLY	
Status: Accepted	1142231

API	
NO.	151-24544
OTC PROD.	
UNIT NO.	151-224876

PLEASE TYPE OR USE BLACK INK ONLY

NOTE:

Attach copy of original 1002A if recompletion or reentry.

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Rule 165:10-3-25

RECEIVED

FEB 27 2019

**Oklahoma Corporation
Commission**
640 Acres

☒ ORIGINAL
☐ AMENDED
Reason Amended _____

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE

☐ SERVICE WELL

COMPLETION REPORT

TYPE OF DRILLING OPERATION						SPUD DATE	
<input type="checkbox"/>	STRAIGHT HOLE		<input type="checkbox"/>	DIRECTIONAL HOLE		<input checked="" type="checkbox"/>	HORIZONTAL HOLE
<input type="checkbox"/>	SERVICE WELL					DRLG FINISHED DATE	11/15/2018
If directional or horizontal, see reverse for bottom hole location.							
COUNTY	Woods		SEC 11	TWP 23N	RGE 14W	DATE OF WELL COMPLETION	12/11/2018
LEASE NAME	Lee 11-23-14			WELL NO	1H	1ST PROD DATE	1/3/2019
SHL				FNL	FEL OF		
NW 1/4	NW 1/4	NE 1/4	NE 1/4	255	1/4 SEC	1,070	RECOMP DATE
ELEVATION	Latitude (if Known)					Longitude	
Derrick Fl	1,522	Ground	1,497			(if Known)	
OPERATOR NAME	CHESAPEAKE OPERATING, L.L.C.					OTC/OCC OPERATOR NO.	17441
ADDRESS	P.O. BOX 18496						
CITY	OKLAHOMA CITY				STATE	OK	ZIP 73154

COMPLETION TYPE

X	SINGLE ZONE	
	MULTIPLE ZONE Application Date	
	COMMINGLED Application Date	
LOCATION EXCEPTION ORDER NO.		690279 <i>F.O.</i>
INCREASED DENSITY ORDER NO.		683703

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
CONDUCTOR							
SURFACE	13-3/8"	48#	H-40	272		315	Surface
INTERMEDIATE	9-5/8"	36#	J-55	1,517		610	415
PRODUCTION	7"	29#	P-110EC	7,091		290	3,901
LINER	4-1/2"	13.50#	P-110	6,829-12,090		460	6,829
G @ TYPE	PLUG @	TYPE	TOTAL DEPTH	12,105			

PACKER @ _____ BRAND & TYPE _____
PACKER @ _____ BRAND & TYPE _____

PLUG @	TYPE	PLUG @	TYPE
PLUG @	TYPE	PLUG @	TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION

354MNNG					
FORMATION	Manning				Reported to Frac Focus
SPACING & SPACING	640				
ORDER NUMBER	154982				
CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Gas				
	7,088 - 12,019				
PERFORATED INTERVALS					
ACID/VOLUME	54,500 gals acid 127,992 bbls fluids				
FRACTURE TREATMENT (Fluids/Prop Amounts)	5,744,273# proppant				

INITIAL TEST DATA	<div style="border: 1px solid black; width: 30px; height: 30px; text-align: center; line-height: 30px; margin: 0 auto;">X</div>	Minimum Gas Allowable	(165:10-17-7)	Gas Purchaser/Measurer	Chesapeake Operating, L.L.C.
		OR		1st Sales Date	1/4/2019
		Oil Allowable	(165:10-13-3)		

INITIAL TEST DATA

INITIAL TEST DATE	2/17/2019
OIL-BBL/DAY	35
OIL-GRAVITY (API)	38.4
GAS-MCF/DAY	932
GAS-OIL RATIO CU FT/BBL	26,629
WATER-BBL/DAY	149
PUMPING OR FLOWING	Artificial Lift
INITIAL SHUT-IN PRESSURE	
CHOKE SIZE	
FLOW TUBING PRESSURE	94

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.

I, <u>Juanita Cooper</u> , declare that I am the person who prepared this document, 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.				
<u>JUANITA COOPER - REGULATORY SPECIALIST</u>		<u>2/26/2019</u>	<u>405-848-8000</u>	
SIGNATURE		NAME (PRINT OR TYPE)		DATE
P.O. BOX 18496		OKLAHOMA CITY	OK 73154	juanita.cooper@chk.com
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 Lee 11-23-14

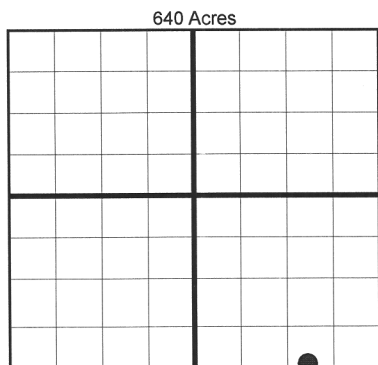
WELL NO. 1H

NAMES OF FORMATIONS	TOP
Manning	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?	<u>X</u> yes	<input type="checkbox"/> no
Date Last log was run	11/12/2019	
Was CO ₂ encountered?	<input type="checkbox"/> yes	<u>X</u> no at what depths?
Was H ₂ S encountered?	<input type="checkbox"/> yes	<u>X</u> no at what depths?
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes	<u>X</u> no
If yes, briefly explain.		

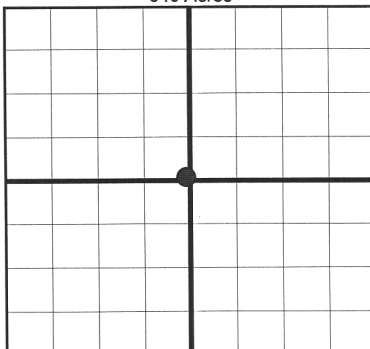
Other remarks: Exception to the Rule Order 690280



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.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location	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)

SEC	TWP	RGE	COUNTY
11	23N	14W	Woods
Spot Location	SW 1/4	SW 1/4	SE 1/4
Depth of Deviation	6,090	Radius of Turn	652
Measured Total Depth	12,105	True Vertical Depth	6,742
Feet From 1/4 Sec Lines	FSL 88	FEL	1,088
Direction	180	Total Length	5,271
BHL From Lease, Unit, or Property Line:		88	

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn		Direction
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
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

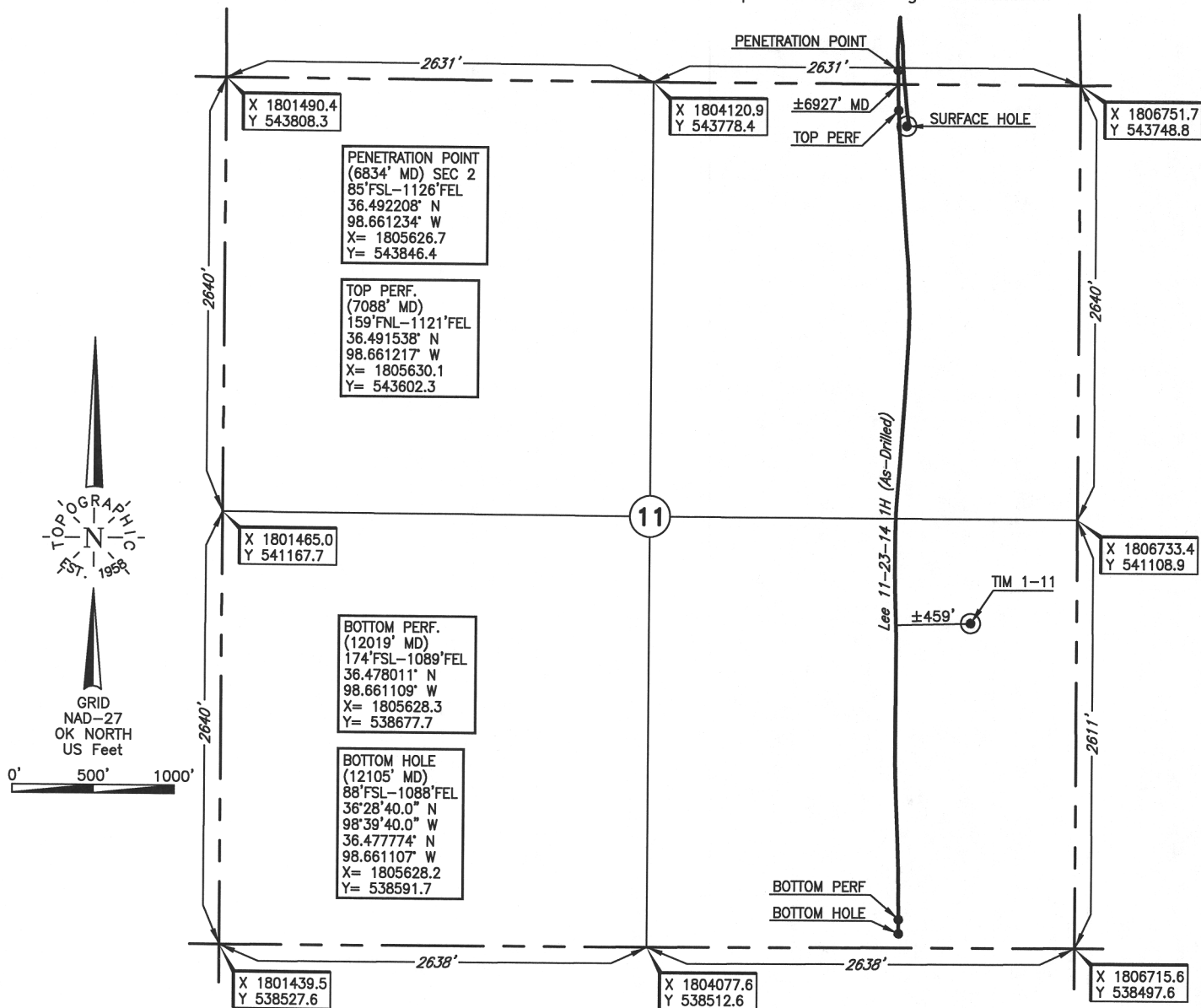
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

WOODS

County, Oklahoma

255'FNL-1070'FEL Section 11 Township 23N Range 14W I.M.



Operator: CHESAPEAKE OPERATING, L.L.C.

Lease Name: LEE 11-23-14

Well No.: 1H

ELEVATION:

1497' 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 Aline, OK, go ± 9.5 mi. West on paved road, then ± 2.0 mi. South,
then ± 2.0 mi. West to the SE Cor. of Sec. 11-T23N-R14W.

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

DATUM: NAD-27
LAT: 36°29'28.6"N
LONG: 98°39'39.8"W
LAT: 36.491274°N
LONG: 98.661044°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1805680.1
Y: 543505.8

309790 Date of Drawing: Dec. 19, 2018
Invoice # 302433 Date Staked: Sept. 6, 2018

JP

FINAL AS-DRILLED PLAT

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