

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.: 35093251750000

**Completion Report**

Spud Date: November 19, 2018

OTC Prod. Unit No.: 093-224991-0-0000

Drilling Finished Date: December 13, 2018

1st Prod Date: January 18, 2019

Completion Date: January 07, 2019

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: RUSCH 5-20-12 3H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

Location: MAJOR 8 20N 12W  
NW NE NE NE  
235 FNL 645 FEL of 1/4 SEC  
Derrick Elevation: 1410 Ground Elevation: 1385

First Sales Date: 1/18/2019

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	691243		683418	
	Commingled				

Casing and Cement								
Type		Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE		9 5/8	36	J-55	1471		725	SURFACE
PRODUCTION		7	29	P-110EC	9029		370	3708

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.50	P-110EC	5519	0	490	8686	14205

**Total Depth: 14215**

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
Feb 26, 2019	HUNTON			41		508	ARTIFICIA			58

Completion and Test Data by Producing Formation			
Formation Name: HUNTON		Code: 269HNTN	Class: GAS
<b>Spacing Orders</b>		<b>Perforated Intervals</b>	
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>
68130	640	8985	14133
<b>Acid Volumes</b>		<b>Fracture Treatments</b>	
74,714 GALLONS ACID		98,284 BARRELS FLUIDS, 6,783,759 POUNDS PROPPANT	

Formation	Top
HUNTON	8895

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: 20N RGE: 12W County: MAJOR
NE NW NE NE
137 FNL 882 FEL of 1/4 SEC
Depth of Deviation: 7944 Radius of Turn: 639 Direction: 1 Total Length: 5320
Measured Total Depth: 14215 True Vertical Depth: 8583 End Pt. Location From Release, Unit or Property Line: 137

FOR COMMISSION USE ONLY	
Status: Accepted	1142379

 SIGNATURE		JUANITA COOPER - REGULATORY SPECIALIST NAME (PRINT OR TYPE)		3/13/2019 DATE	405-848-8000 PHONE NUMBER
P.O. BOX 18496 ADDRESS	OKLAHOMA CITY CITY	OK STATE	73154 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 Rusch 5-20-12

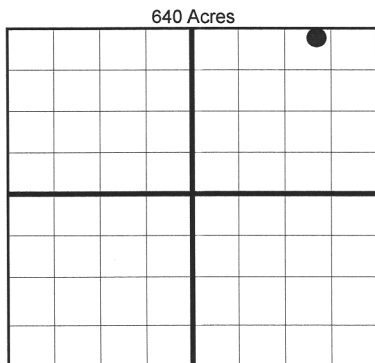
WELL NO. 3H

NAMES OF FORMATIONS	TOP
Hunton	8,895

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 <sub>2</sub> encountered?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/> at what depths?
Was H <sub>2</sub> 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	BHL From Lease, Unit, or Property Line:	

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

SEC	TWP	RGE	COUNTY	Major
5	20N	12W		
Spot Location	NE 1/4	NW 1/4	NE 1/4	NE 1/4
Depth of Deviation	7,944	Radius of Turn	639	Direction
Measured Total Depth	14,215	True Vertical Depth	8,583	Total Length
				137

**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:	

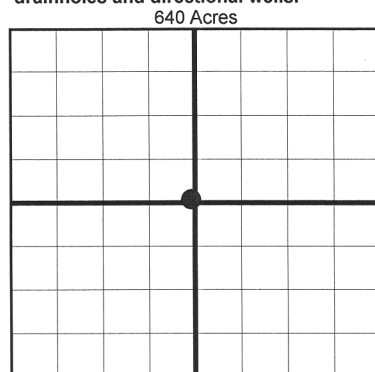
**LATERAL #3**

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.**



# CHESAPEAKE ENERGY

OPERATOR: CHESAPEAKE OPERATING, LLC  
LEASE NAME: RUSCH 5-20-12  
WELL NO. 3H  
STAKED DATE: 9/3/18

GROUND ELEVATION: 1376.86 GR. AT STAKE  
SURFACE HOLE FOOTAGE: 235' FNL - 645' FEL  
SECTION: 8 TOWNSHIP: 20N RANGE: 12W  
MAJOR COUNTY, STATE: OK  
BOTTOM HOLE: 5-20N-12W.I.M.

BOTTOM HOLE FOOTAGE: 137' FNL - 882' FEL  
BOTTOM PERF FOOTAGE: 219' FNL - 882' FEL  
TOP PERF FOOTAGE: 175' FSL - 885' FEL  
PENETRATION POINT FOOTAGE: 87' FSL - 891' FEL  
ACCESSIBILITY TO LOCATION: FROM EAST LINE

TOPOGRAPHY & VEGETATION: LOCATION FELL ON THE NORTH EDGE OF A FIELD.

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:  
FROM INT OF HWY 8 & HWY 60 IN FAIRVIEW, S 3.75 MI.  
TO E0540 RD, W 1 MI. TO N2530 RD, PAD IS ON THE WEST SIDE OF N2530 RD

## SURFACE HOLE DATA

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1853480.3

Y: 448262.5

GPS DATUM: NAD27

LAT: 36.23042990

LONG: -98.49677969

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1821878.5

Y: 448287.9

GPS DATUM: NAD83

LAT: 36.23046635

LONG: -98.49713693

## PENETRATION POINT DATA

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1853235

Y: 448583.7

GPS DATUM: NAD27

LAT: 36.23130874

LONG: -98.49761719

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1821633.2

Y: 448609.1

GPS DATUM: NAD83

LAT: 36.23134518

LONG: -98.49797447

MD: 8895'

## TOP PERF DATA

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1853242.5

Y: 448671.7

GPS DATUM: NAD27

LAT: 36.23155078

LONG: -98.49759331

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1821640.7

Y: 448697.2

GPS DATUM: NAD83

LAT: 36.23158721

LONG: -98.49795058

MD: 8985'

## BOTTOM PERF DATA

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1853275.5

Y: 453814.4

GPS DATUM: NAD27

LAT: 36.24567823

LONG: -98.49757082

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1821673.7

Y: 453839.9

GPS DATUM: NAD83

LAT: 36.24571446

LONG: -98.49792809

MD: 14133'

## BOTTOM HOLE DATA

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1853276.7

Y: 453896.3

GPS DATUM: NAD27

LAT: 36.24590342

LONG: -98.49756817

### STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 1821674.9

Y: 453921.8

GPS DATUM: NAD83

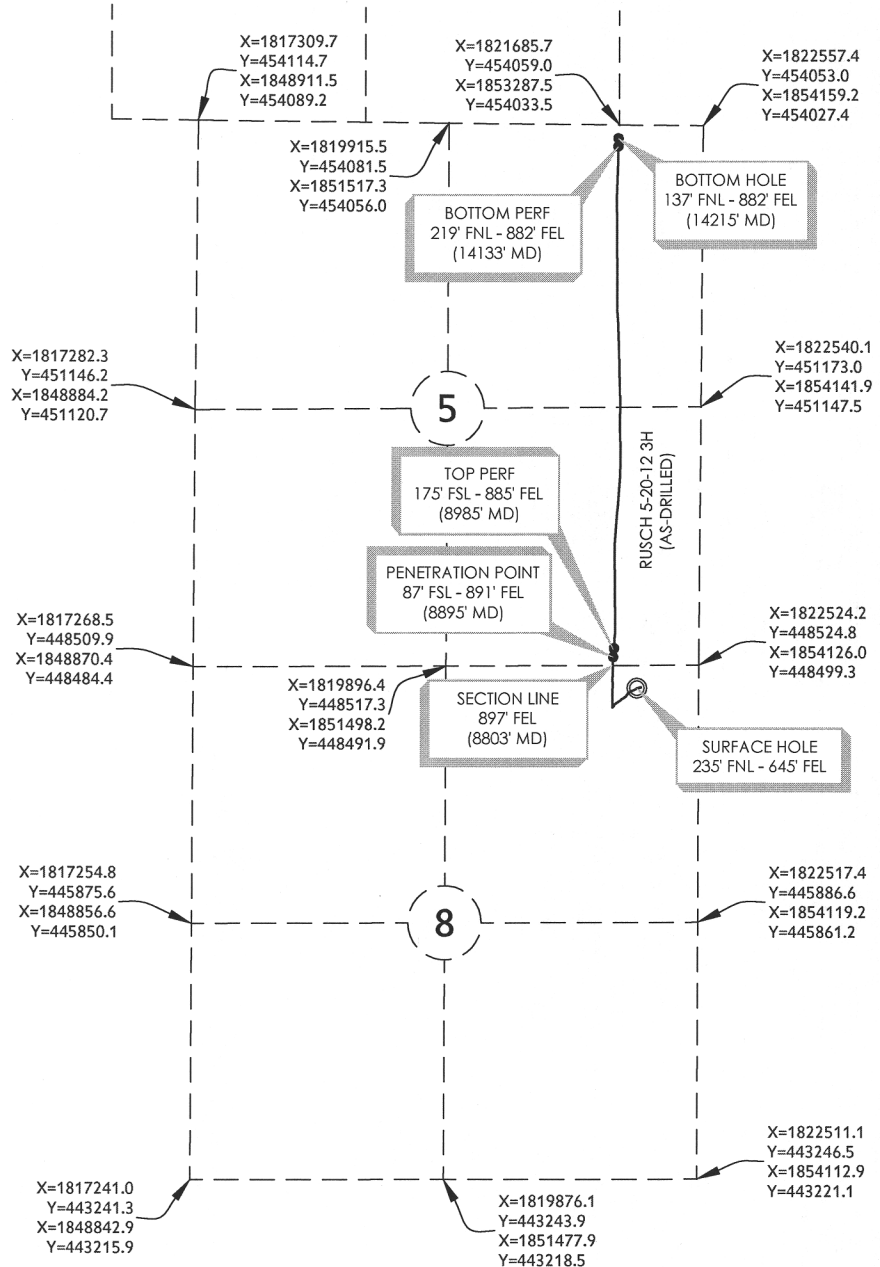
LAT: 36.24593964

LONG: -98.49792544

MD: 14215'

AS-DRILLED INFORMATION PROVIDED BY OPERATOR LISTED.

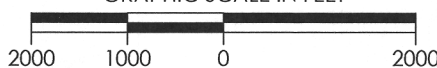
N  
BASIS OF BEARING:  
GRID NORTH (NAD 83)  
OKLAHOMA - NORTH ZONE



RUSCH 5-20-12 3H

PART OF THE NE/4 OF  
SECTION 8, 20N, 12W  
AS-DRILLED EXHIBIT  
MAJOR COUNTY, OKLAHOMA

GRAPHIC SCALE IN FEET



300 Pointe Parkway Blvd  
Yukon, OK 73099  
405.787.6270 t 405.787.6276 f  
www.craftontull.com



**Crafton Tull**  
SURVEYING  
CERTIFICATE OF AUTHORIZATION:  
CA 973 (PE/LS) EXPIRES 6/30/2018

SCALE: 1" = 2000'  
PLOT DATE: 01-24-2019

DRAWING: 17601122-AD-WELL  
DRAWN BY: DW

SHEET NO.: 1 OF 1

1/18/2019  
Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Post Office Box 52000  
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**1002A  
Addendum**

API No.: 56093251750000

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Feb 26, 2019	HUNTON			41		508	ARTIFICIA			58

April 22, 2019

1 of 2

2/26/19 269 HNTN 1XMT-ART. Lift

**Completion and Test Data by Producing Formation**

Formation Name: HUNTON

Code: 269HNTN

Class: GAS

**Spacing Orders**

Order No	Unit Size
68130	640

**Perforated Intervals**

From	To
8985	14133

**Acid Volumes**

74,714 GALLONS ACID
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**Fracture Treatments**

98,284 BARRELS FLUIDS, 6,783,759 POUNDS PROPPANT
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Formation	Top
HUNTON	8895

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

**Other Remarks**

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NE NW NE NE

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