

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.: 35093250450000

**Completion Report**

Spud Date: December 12, 2016

OTC Prod. Unit No.: 093-218458

Drilling Finished Date: December 25, 2016

1st Prod Date: February 03, 2017

Completion Date: January 18, 2017

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: SMITH 18-20-13 1H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

Location: MAJOR 18 20N 13W  
SW SW SE SW  
160 FSL 1350 FWL of 1/4 SEC  
Derrick Elevation: 1761 Ground Elevation: 1736

First Sales Date: 02/03/2017

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	661525		659338	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1512		675	SURFACE
PRODUCTION	5 1/2	20	P-110HC	13745		1185	5532

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

**Total Depth: 13745**

Packer	
Depth	Brand & Type
8752	AS III

Plug	
Depth	Plug Type
13620	CIBP
13639	CIBP
16637	CIBP

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
Feb 28, 2017	MISSISSIPPI SOLID	38	33	258	6789	1226	ARTIFICIA			172

<b>Completion and Test Data by Producing Formation</b>															
Formation Name: MISSISSIPPI SOLID		Code: 351MSSSD	Class: OIL												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="2">Spacing Orders</th></tr> <tr> <th>Order No</th> <th>Unit Size</th> </tr> <tr> <td>131907</td> <td>640</td> </tr> </table>		Spacing Orders		Order No	Unit Size	131907	640	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="2">Perforated Intervals</th></tr> <tr> <th>From</th> <th>To</th> </tr> <tr> <td>8930</td> <td>13605</td> </tr> </table>		Perforated Intervals		From	To	8930	13605
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214,895 BARRELS FRAC FLUID, 13,107,480 POUNDS PROPPANT															

Formation	Top
MISSISSIPPI SOLID	8907

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

<b>Other Remarks</b>
There are no Other Remarks.

<b>Lateral Holes</b>
Sec: 18 TWP: 20N RGE: 13W County: MAJOR  NE   NW   NW   NW  61 FNL   445 FWL of 1/4 SEC  Depth of Deviation: 8397 Radius of Turn: 199 Direction: 2 Total Length: 4838  Measured Total Depth: 13745 True Vertical Depth: 8596 End Pt. Location From Release, Unit or Property Line: 61

<b>FOR COMMISSION USE ONLY</b>	
Status: Accepted	1136182

API NO. 35-093-25045  
OTC PROD.  
UNIT NO. 093-218458

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 Form 1002A  
REV. 2009

MAR 10 2017

OKLAHOMA CORPORATION  
COMMISSION

☒ ORIGINAL  
☐ AMENDED  
Reason Amended

TYPE OF DRILLING OPERATION

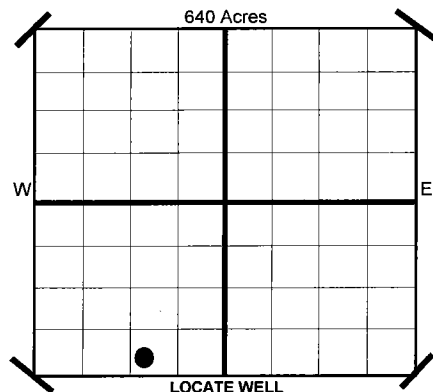
☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE  
SERVICE WELL

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

COMPLETION REPORT

COUNTY	MAJOR	SEC	18	TWP	20N	RGE	13W
LEASE NAME	SMITH 18-20-13			WELL NO	1H		
SHL	SW 1/4 SW 1/4 SE 1/4 SW 1/4			FSL	160		
ELEVATION	Derrick Fl 1,761 Ground 1,736			FWL OF	1/4 SEC 1,350		
OPERATOR NAME	CHESAPEAKE OPERATING, L.L.C.			OTC/OCC OPERATOR NO.	17441		
ADDRESS	P.O. BOX 18496						
CITY	OKLAHOMA CITY			STATE	OK		ZIP 73154

SPUD DATE 12/12/2016  
DRLG FINISHED DATE 12/25/2016  
DATE OF WELL COMPLETION 1/18/2017  
1ST PROD DATE 2/3/2017  
RECOMP DATE  
Longitude (if Known)



COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE Application Date
<input type="checkbox"/> COMMINGLED Application Date
LOCATION EXCEPTION ORDER NO. 661525 (FO)
INCREASED DENSITY ORDER NO. 659338

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
CONDUCTOR							
SURFACE	9 5/8"	36#	J-55	1,512		675	SURFACE
INTERMEDIATE							
PRODUCTION	5 1/2"	20#	P-110HC	13,745		1,185	5,532
LINER							

PACKER @ 8,752 BRAND & TYPE AS III  
PACKER @ BRAND & TYPE

PLUG @ 13,620' TYPE CIBP  
PLUG @ 13,639' TYPE CIBP

PLUG @ 16,637' TYPE CIBP  
PLUG @ TYPE  
TOTAL DEPTH 13,745

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	MISSISSIPPI SOLID								
SPACING & SPACING	640								
ORDER NUMBER	131907								
CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	OIL								
PERFORATED INTERVALS	8930-13,605								
ACID/VOLUME	HCL Acid 2,000 GALS Frac Fluid 214,895 BBLS Proppant 13,107,480 LBS								
FRACTURE TREATMENT (Fluids/Prop Amounts)									

Reported to  
Frac Focus

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

Gas Purchaser/Measurer

Chesapeake Operating, L.L.C.

☒

OR

1st Sales Date

2/3/2017

INITIAL TEST DATA

Oil Allowable (165:10-13-3)

INITIAL TEST DATE	2/28/2017
OIL-BBL/DAY	38
OIL-GRAVITY ( API)	33
GAS-MCF/DAY	258
GAS-OIL RATIO CU FT/BBL	6,789
WATER-BBL/DAY	1226
PUMPING OR FLOWING	ARTIFICIAL LIFT
INITIAL SHUT-IN PRESSURE	
CHOKE SIZE	
FLOW TUBING PRESSURE	172

AS SUBMITTED

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.

SIGNATURE	JP Powell, Sr. Regulatory Analyst	DATE	3/9/2017	PHONE NUMBER	405-848-8000
ADDRESS	P.O. BOX 18496 OKLAHOMA CITY	STATE	OK	ZIP	73154
		EMAIL ADDRESS	jp.powell@chk.com		

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

WELL NO. 1H

NAMES OF FORMATIONS	TOP
MISSISSIPPI SOLID	8,907

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	<u>X</u> no
Date Last log was run	N/A	
Was CO <sub>2</sub> encountered?	_____ yes	<u>X</u> no at what depths?
Was H <sub>2</sub> S encountered?	_____ yes	<u>X</u> no at what depths?
Were unusual drilling circumstances encountered?	_____ yes	<u>X</u> no
If yes, briefly explain.		

Other remarks:

640 Acres

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.**

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:			

LATERAL #1							
SEC	18	TWP	20N	RGE	13W	COUNTY	MAJOR
Spot Location		NE 1/4		NW 1/4		NW 1/4	
Depth of Deviation		8,397		Radius of Turn		199	
Measured Total Depth		13,745		True Vertical Depth		8,596	
Feet From 1/4 Sec Lines		FNL 61		FWL 445		Total Length 4,838	
Direction 2		BHL From Lease, Unit, or Property Line:		61			

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:			

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:		

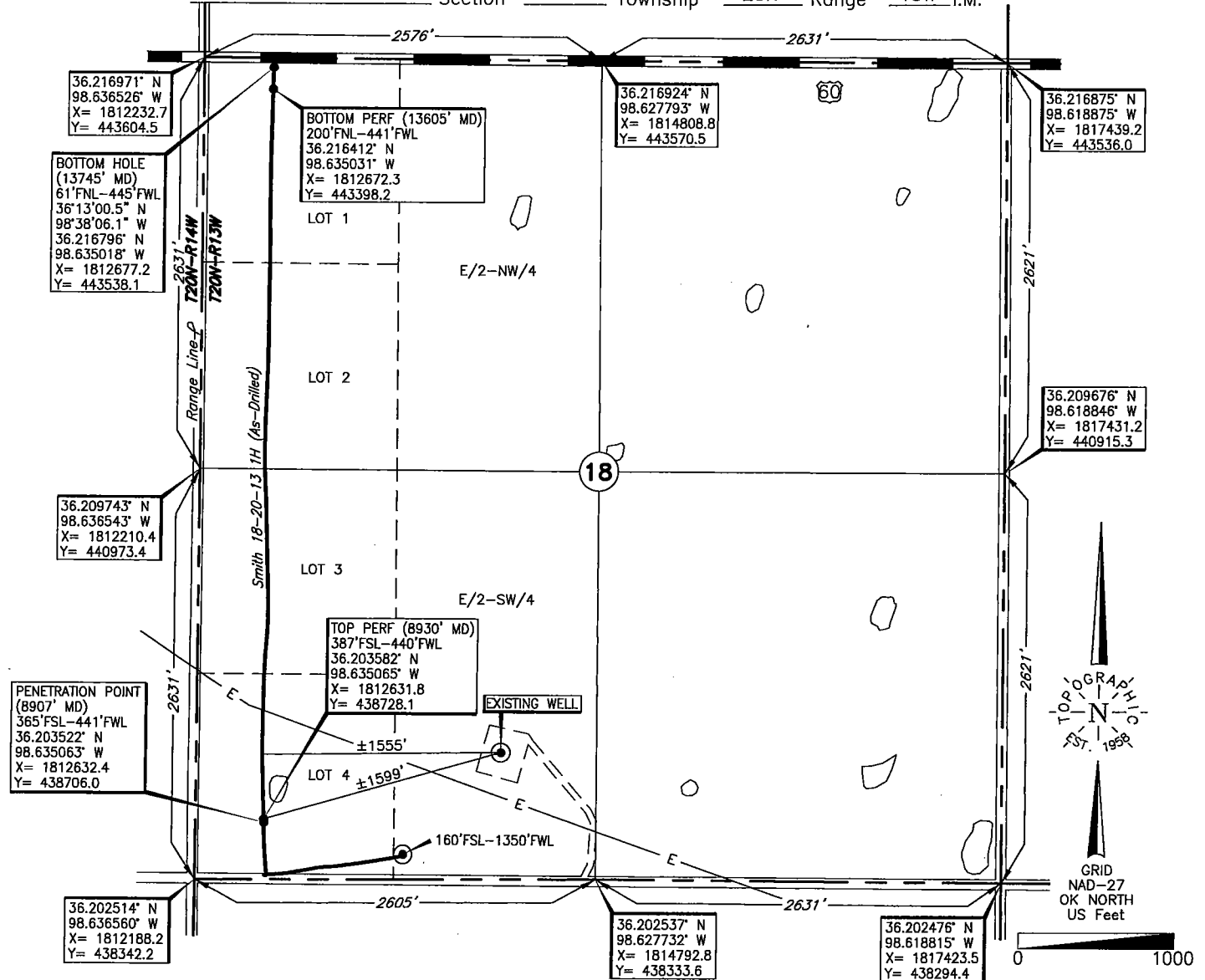
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

MAJOR

County, Oklahoma

160'FSL-1350'FWL Section 18 Township 20N Range 13W I.M.



Operator: CHESAPEAKE OPERATING, L.L.C.

Lease Name: SMITH 18-20-13

Well No.: 1H

**ELEVATION:**

1737' 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 South off county road

Distance & Direction

from Hwy Jct or Town From Cedar Springs, OK, go West ±3 miles on US Hwy. 60, then go South ±1 mile to the SW Cor. or Sec. 18, T20N-R13W.

DATUM: NAD-27  
LAT: 36°12'10.7"N  
LONG: 98°37'55.1"W  
LAT: 36.202966°N  
LONG: 98.631983°W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1813539.6  
Y: 438497.8

269534 Date of Drawing: Jan. 31, 2017  
Invoice # 268190 Date Staked: Nov. 21, 2016

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