

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.: 35073261240000

Completion Report

Spud Date: August 08, 2018

OTC Prod. Unit No.: 073-225118

Drilling Finished Date: September 02, 2018

1st Prod Date: March 03, 2019

Amended

Completion Date: February 20, 2019

Amend Reason: AMEND TO CORRECT TOTAL DEPTH

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: RUTHIE 1609 3-15-22MXH

Purchaser/Measurer: ONEOK

Location: KINGFISHER 15 16N 9W
 NW SE NW NW
 818 FNL 910 FWL of 1/4 SEC
 Derrick Elevation: 1185 Ground Elevation: 1155

First Sales Date: 3/3/2019

Operator: MARATHON OIL COMPANY 1363
 PO BOX 68
 7301 NW EXPRESSWAY STE 225
 OKLAHOMA CITY, OK 77001-0068

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
700321	

Increased Density	
Order No	
697241	
697242	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20"	94#	J-55	100			SURFACE
SURFACE	9 5/8"	40#	P-110HC	1489		443	SURFACE
PRODUCTION	5 1/2"	20#	P-110	19400		2258	4983

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

Total Depth: 19401

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

Plug	
Depth	Plug Type
19257	CIBP

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
Mar 13, 2019	MISSISSIPPIAN (LESS CHESTER)	728	44	1374	1888	2041	FLOWING	754	38/64	

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN (LESS CHESTER)

Code: 359MSNLC

Class: OIL

Spacing Orders

Order No	Unit Size
658849	640
658952	640
700320	MULTI UNIT

Perforated Intervals

From	To
9551	19241

Acid Volumes

531 GALLONS 15% HCL ACID

Fracture Treatments

350,458 BBLs TOTAL FLUID;
19,371,260 LBS TOTAL PROPPANT

Formation	Top
MISSISSIPPIAN (LESS CHESTER)	8931

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

ACCORDING TO SUZIE CRUMP AND TO THE COMPLETION ENGINEER AT MARATHON OIL COMPANY, THEY SAID THAT 19,401' IS HOW DRILLING WENT WHILE DRILLING THE WELL, AND 19,286' IS JUST A REFERENCE TO WHERE DRILLING CROSSED THE HARDLINE AS THE SURVEY SHOWS

Lateral Holes

Sec: 22 TWP: 16N RGE: 9W County: KINGFISHER

SW SW SE SW

164 FSL 1435 FWL of 1/4 SEC

Depth of Deviation: 8816 Radius of Turn: 1546 Direction: 180 Total Length: 9668

Measured Total Depth: 19401 True Vertical Depth: 9324 End Pt. Location From Release, Unit or Property Line: 164

FOR COMMISSION USE ONLY

1143182

Status: Accepted