

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.: 35073263650001

Completion Report

Spud Date: December 17, 2018

OTC Prod. Unit No.: 073-225513-0-0000

Drilling Finished Date: January 20, 2019

1st Prod Date: May 01, 2019

Completion Date: May 01, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: WILLMS 1609 5H-11

Purchaser/Measurer: MARKWEST OKLA GAS CO
LL

First Sales Date: 5/1/19

Location: KINGFISHER 11 16N 9W
SW SE SE SE
245 FSL 650 FEL of 1/4 SEC
Latitude: 35.87101 Longitude: -98.120399
Derrick Elevation: 1197 Ground Elevation: 1174

Operator: NEWFIELD EXPLORATION MID-CON INC 20944

4 WATERWAY AVE STE 100
THE WOODLANDS, TX 77380-2764

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	687614		685875	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1478		450	SURFACE
PRODUCTION	5 1/2	20	P-110	14331		1610	1488

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

Total Depth: 14379

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
May 31, 2019	MISSISSIPPIAN	237	40	876	3696	1891	FLOWING	500	36	320

Completion and Test Data by Producing Formation															
Formation Name: MISSISSIPPIAN		Code: 359MSSP	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>631057</td> <td>640</td> </tr> </table>		Spacing Orders		Order No	Unit Size	631057	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>9365</td> <td>14255</td> </tr> </table>		Perforated Intervals		From	To	9365	14255
Spacing Orders															
Order No	Unit Size														
631057	640														
Perforated Intervals															
From	To														
9365	14255														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="2">Acid Volumes</th></tr> <tr> <td colspan="2">100 BBLS 15% HCL</td> </tr> </table>		Acid Volumes		100 BBLS 15% HCL		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="2">Fracture Treatments</th></tr> <tr> <td colspan="2">225,642 BBLS TOTAL VOLUME 11,114,251 LBS TOTAL PROPPANT</td> </tr> </table>		Fracture Treatments		225,642 BBLS TOTAL VOLUME 11,114,251 LBS TOTAL PROPPANT					
Acid Volumes															
100 BBLS 15% HCL															
Fracture Treatments															
225,642 BBLS TOTAL VOLUME 11,114,251 LBS TOTAL PROPPANT															

Formation	Top
MISSISSIPPIAN	8819

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

Lateral Holes
Sec: 11 TWP: 16N RGE: 9W County: KINGFISHER NW NE NE NE 86 FNL 421 FEL of 1/4 SEC Depth of Deviation: 8548 Radius of Turn: 384 Direction: 1 Total Length: 5268 Measured Total Depth: 14379 True Vertical Depth: 8862 End Pt. Location From Release, Unit or Property Line: 86

FOR COMMISSION USE ONLY	
Status: Accepted	1142865