

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.: 35073262620000

Completion Report

Spud Date: October 22, 2018

OTC Prod. Unit No.: 073-225210-0-0000

Drilling Finished Date: December 11, 2018

1st Prod Date: March 19, 2019

Completion Date: March 15, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HELEN 1708 4H-30X

Purchaser/Measurer: MARKWEST OKLA GAS CO
LLC

First Sales Date: 3/19/2019

Location: KINGFISHER 19 17N 8W
NW SW SE SE
340 FSL 1200 FEL of 1/4 SEC
Latitude: 35.928405 Longitude: -98.089298
Derrick Elevation: 1138 Ground Elevation: 1113

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	685834		683690	
	Commingled			683803	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8"	36	J-55	1488		450	SURFACE
PRODUCTION	8 1/2"	20	P-110 ICY	19106		2345	694

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

Total Depth: 19131

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		8417	CMT PLUG 7611' - 8417'

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 03, 2019	MISSISSIPPIAN	750	40.9	1224	1632	1583	FLOWING	750	48	365

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" style="text-align: center;">Spacing Orders</th> <th colspan="2" style="text-align: center;">Perforated Intervals</th> </tr> <tr> <th style="width: 50%;">Order No</th> <th style="width: 50%;">Unit Size</th> <th style="width: 50%;">From</th> <th style="width: 50%;">To</th> </tr> <tr> <td>646834</td> <td>640</td> <td>8861</td> <td>19037</td> </tr> <tr> <td>685833</td> <td>MULTIUNIT</td> <td></td> <td></td> </tr> </table>			Spacing Orders		Perforated Intervals		Order No	Unit Size	From	To	646834	640	8861	19037	685833	MULTIUNIT		
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Formation	Top
MISSISSIPPIAN	8519

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 NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

Lateral Holes
<p>Sec: 31 TWP: 17N RGE: 8W County: KINGFISHER</p> <p>SE SW SW SE</p> <p>87 FSL 2198 FEL of 1/4 SEC</p> <p>Depth of Deviation: 7875 Radius of Turn: 382 Direction: 178 Total Length: 10183</p> <p>Measured Total Depth: 19131 True Vertical Depth: 8628 End Pt. Location From Release, Unit or Property Line: 87</p>

FOR COMMISSION USE ONLY	
Status: Accepted	1142544