Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma 73152-2000

Rule 165: 10-3-25

OTC Prod. Unit No.: 087-224849 Drilling Finished Date: June 27, 2018

1st Prod Date: December 06, 2018

Completion Date: December 06, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: THE DUKE 19-9-4 1H Purchaser/Measurer: ENLINK

Location: GRADY 24 9N 5W First Sales Date: 12/06/2018

SE NE SE SE

770 FSL 265 FEL of 1/4 SEC

Latitude: 35.2348765 Longitude: -97.6714495 Derrick Elevation: 1354 Ground Elevation: 1326

Operator: ROAN RESOURCES LLC 24127

320 S BOSTON AVE STE 900 TULSA, OK 74103-3729

Completion Type					
Х	Single Zone				
	Multiple Zone				
	Commingled				

Location Exception
Order No
694961

Increased Density					
Order No					
There are no Increased Density records to display.					

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	40	J-55	1473		429	SURFACE
PRODUCTION	5 1/2	23	P-110	14453		1549	4853

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

Total Depth: 14574

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

Plug					
Depth	Plug Type				
There are no Plug records to display.					

Initial Test Data

June 18, 2020 1 of 2

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
Dec 26, 2018	WOODFORD	806	40	815	1011	1919	FLOWING	1250	60/64	275

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders					
Order No	Unit Size				
679608	640				

Perforated Intervals				
From	То			
9679	14352			

Acid Volumes

FRAC STAGES 1-66 OA: 33000 GALS OF 15% HCL ACID

Fracture Treatments

FRAC STAGES 1-66 OA: 14080154 LB OF COMMON WHITE + 15468490 GAL OF FDP-S1292S-17 WATER + 7515 BBLS OF PUMPDOWN VOLUME

Formation	Тор
HOXBAR	6220
COTTAGE GROVE	7763
OSWEGO	8648
VERDIGRIS	8830
PINK	9062
BROWN	9250
MISSISSIPPI	9363
WOODFORD	9422

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

LAT AND LONG FROM PERMIT PLAT.

Lateral Holes

Sec: 19 TWP: 9N RGE: 4W County: MCCLAIN

NE NW NW NW

10 FNL 388 FWL of 1/4 SEC

Depth of Deviation: 9150 Radius of Turn: 415 Direction: 358 Total Length: 4772

Measured Total Depth: 14574 True Vertical Depth: 9421 End Pt. Location From Release, Unit or Property Line: 10

FOR COMMISSION USE ONLY

1141438

Status: Accepted

June 18, 2020 2 of 2