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

Rule 165: 10-3-25

API No.: 35029213850000 Completion Report Spud Date: November 24, 2018

OTC Prod. Unit No.: 029-225567-0-0000 Drilling Finished Date: February 20, 2019

1st Prod Date: May 19, 2019

Completion Date: April 17, 2019

First Sales Date: 05/19/2019

Drill Type: HORIZONTAL HOLE

Well Name: BROWN 0311 4H-33 Purchaser/Measurer: MARKWEST

Location: COAL 28 3N 11E

N2 S2 S2 SW

500 FSL 1320 FWL of 1/4 SEC Latitude: 34.695931 Longitude: -96.157845 Derrick Elevation: 734 Ground Elevation: 709

Operator: NEWFIELD EXPLORATION MID-CON INC 20944

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

Completion Type				
Х	Single Zone			
	Multiple Zone			
	Commingled			

Location Exception
Order No
702381

Increased Density
Order No
685860

Casing and Cement								
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT	
SURFACE	13 3/8	54.5	J-55	895		630	SURFACE	
INTERMEDIATE	9 5/8	40	K-55	3283		466	SURFACE	
PRODUCTION	5 1/2	20	P-110	13972		1630	655	

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
	-		There are	no Liner record	ds to displa	ay.	•	

Total Depth: 13988

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

December 04, 2019 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
Jun 17, 2019	WOODFORD		40	7692	7692	245	FLOWING	1000	52	676

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders					
Order No	Unit Size				
500216	640				

Perforated Intervals				
From	То			
9016	13876			

Acid Volumes 23,182 GAL ACID

Fracture Treatments	
182,872 BBLS FRESH WATER	
3,335,154 LBS PROPPANT	

Formation	Тор
WOODFORD	8573

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

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

OCC - ORDER 687370 IS AN INTERIM ORDER EXCEPTION TO THE RULE 165:10-3-28.

Lateral Holes

Sec: 33 TWP: 3N RGE: 11E County: COAL

S2 S2 SE SW

114 FSL 1980 FWL of 1/4 SEC

Depth of Deviation: 8300 Radius of Turn: 577 Direction: 178 Total Length: 4860

Measured Total Depth: 13988 True Vertical Depth: 8841 End Pt. Location From Release, Unit or Property Line: 114

FOR COMMISSION USE ONLY

1143060

Status: Accepted

December 04, 2019 2 of 2

-/19/2019

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

check allowersher

Form 1002A

1002A

API No.: 029213850000

OTC Prod. Unit No.: 029-225567-0-0000 ₽

Completion Report

Spud Date: November 24, 2018

Drilling Finished Date: February 20, 2019

Purchaser/Measurer: MARKWEST

First Sales Date 05/19/2019

1st Prod Date: May 19, 2019

Completion Date: April 17, 2019

Drill Type:

ODIZONITAL HOLE

HORIZONTAL HOLE

Well Name: BROWN 0311 4H-33

Completion Type

Single Zone

Multiple Zone

Commingled

Location: COAL 28 3N 11E N2 S2 S2 SW

500 FSL 1320 FWL of 1/4 SEC

Latitude: 34.695931 Longitude: -96.157845

Derrick Elevation: 734 Ground Elevation: 709

Operator:

MEWFIELD EXPLORATION MID CON INC 20044

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

Location Exception
Order No

702381

Order No
685860

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CM7
SURFACE	13 3/8	54.5	J-55	895		630	SURFACE
INTERMEDIATE	9 5/8	40	K-55	3283		466	SURFACE
PRODUCTION	5 1/2	20	P-110	13972		1630	655

				Liner				
Bottom I	Top Depth	SAX	PSI	Length	Grade	Weight	Size	Туре
Botton	Top Depth			Length no Liner record		Weight	Size	Туре

Total Depth: 13988

P	acker
Depth	Brand & Type
There are no Pac	ker records to display.

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

Initial Test Data

December 04, 2019

6-17-19

319 WDFD

1000 PS:

1 of 2 DR

62

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
Jun 17, 2019	WOODFORD		40	7692	7692	245	FLOWING	1000	52	676

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders			
Order No	Unit Size		
500216 (33)	640 (v) V		

Perforated Intervals		
From	То	
9016	13876	

Ac	d Volumes	
23,1	32 GAL ACID	

Fracture Treatments	
182,872 BBLS FRESH WA T ER	
3,335,154 LBS PROPPANT	

Formation	Тор
WOODFORD	8573

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

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

OCC - ORDER 687370 IS AN INTERIM ORDER EXCEPTION TO THE RULE 165:10-3-28.

Lateral Holes

Sec: 33 TWP: 3N RGE: 11E County: COAL

S2 S2 SE SW

114 FSL 1980 FWL of 1/4 SEC

Depth of Deviation: 8300 Radius of Turn: 577 Direction: 178 Total Length: 4860

Measured Total Depth: 13988 True Vertical Depth: 8841 End Pt. Location From Release, Unit or Property Line: 114

FOR COMMISSION USE ONLY

1143060

Status: Accepted

December 04, 2019 2 of 2