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

API No.: 35153236340000

Drill Type:

OTC Prod. Unit No.: 153-224548

Well Name: HLC 25/36-20-18 1H

## **Completion Report**

Spud Date: September 26, 2018

Drilling Finished Date: October 22, 2018

1st Prod Date: November 29, 2018

Completion Date: November 15, 2018

Min Gas Allowable: Yes

Purchaser/Measurer: PLAINS MARKETING

First Sales Date: 11/29/2018

Location: WOODWARD 25 20N 18W NE NW NE NW 245 FNL 1895 FWL of 1/4 SEC Latitude: 36.187040285 Longitude: -99.073372494 Derrick Elevation: 1839 Ground Elevation: 1823

Operator: TAPSTONE ENERGY LLC 23467

HORIZONTAL HOLE

100 E MAIN ST OKLAHOMA CITY, OK 73104-2509

Completion Type		Location Exception	Increased Density				
	Single Zone	Order No	Order No				
Х	Multiple Zone	694049	There are no Increased Density records to display.				
	Commingled						

Casing and Cement											
1	Туре		Size	Weight	Grade	Grade Feet		PSI	SAX	Top of CMT	
SU	RFACE		9 5/8	36	J-55	15	15	800	455	SURFACE	
PROI	DUCTION		7	29	P-110	106	575	1350 440		6258	
	Liner										
Туре	Size	Weigh	t	Grade	Length	PSI	SAX	Top Depth		Bottom Depth	
LINER	4 1/2	13 1/2		P-110	8497	97 2400 150 10009		10009		18506	

## Total Depth: 18506

Pac	ker	Plug			
Depth	Depth Brand & Type		Plug Type		
10658	AS1-X	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
Dec 13, 2018	MISSISSIPIAN	239	41	1298	5431	2590	FLOWING	550	52/64	564
		Con	pletion ar	d Test Data I	by Producing F	ormation				
Formation Name: MISSISSIPIAN				Code: 359MSSP Class: OIL						
	Spacing Orders				Perforated I					
Orde	Order No Un			From		1	ō			
694	048 MU	JLTIUNIT		10785		18506		1		
684	815	640			•					
693	693554 NUC PRO TUN		)							
684	684814 640									
Acid Volumes					Fracture Tre					
3476 BI	3476 BBLS 7.5% HCL & 972 BBLS 15% HCL				199,593 BBL OF FLUID & 4,487,644 LBS OF SAND					

Formation	Тор
BASE HEEBNER SHALE	6120
TONKAWA SAND	6567
COTTAGE GROVE SAND	7005
HOGSHOOTER	7321
OSWEGO LIME	7712
MORROW SHALE	8475
MISS UNCONFORMITY/CHESTER	8700
MANNING	9561
BASE MANNING LIME	9873
MANNING SHALE	9931
UPPER MERAMEC	9966
MIDDLE MERAMEC	10118
LOWER MERAMEC	10458

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

There are no Other Remarks.

Lateral Holes

Sec: 36 TWP: 20N RGE: 18W County: WOODWARD

SW SW SW NE

2621 FNL 2595 FEL of 1/4 SEC

Depth of Deviation: 10122 Radius of Turn: 441 Direction: 178 Total Length: 7691

Measured Total Depth: 18506 True Vertical Depth: 10793 End Pt. Location From Release, Unit or Property Line: 2595

## FOR COMMISSION USE ONLY

Status: Accepted

1141731