

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.: 35043236630000

**Completion Report**

Spud Date: October 15, 2018

OTC Prod. Unit No.: 043-224906

Drilling Finished Date: November 25, 2018

1st Prod Date: January 15, 2019

Completion Date: January 10, 2019

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HOWARD 5-19-17 3H

Purchaser/Measurer: PLAINS MARKETING

Location: DEWEY 32 20N 17W  
SE SE SW SW  
260 FSL 1195 FWL of 1/4 SEC  
Latitude: 36.15945572 Longitude: -99.04039375  
Derrick Elevation: 1838 Ground Elevation: 1813

First Sales Date: 01/15/2019

Operator: TAPSTONE ENERGY LLC 23467

100 E MAIN ST  
OKLAHOMA CITY, OK 73104-2509

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	696055		685614	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	H-40	290	700	280	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1465	1000	525	SURFACE
PRODUCTION	7	29	P-110	10316	2000	425	4261

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13 1/2	P-110	5948	2500	570	10002	15950

**Total Depth: 15950**

Packer	
Depth	Brand & Type
10860	AS1-X

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

Initial Test Data
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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
Jan 20, 2019	MISSISSIPPIAN (LESS UP CHESTER)	412	44	1388	3369	734	FLOWING	320	54/64	448

#### Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN (LESS UP CHESTER)

Code: 459MSLUC

Class: OIL

#### Spacing Orders

Order No	Unit Size
646393	640

#### Perforated Intervals

From	To
10997	15857

#### Acid Volumes

3,768 BBLS 7.5% HCL
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#### Fracture Treatments

130,263 BBLS OF FLUID & 2,774,216 LBS OF SAND
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Formation	Top
BASE HEEBNER SHALE	6229
BASE DOUGLAS SAND	6556
TONKAWA SAND	6674
COTTAGE GROVE SAND	7141
HOGSHOOTER	7416
OSWEGO LIME	7823
MORROW SHALE	8642
MISS. UNCONFORMITY/CHESTER	8891
MANNING	9640
BASE MANNING LIME	9934
MANNING SHALE	10055
UPPER MERAMEC	10160
MIDDLE MERAMEC	10300
LOWER MERAMEC	10630

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: 5 TWP: 20N RGE: 17W County: DEWEY

SW SE SW SW

181 FSL 641 FWL of 1/4 SEC

Depth of Deviation: 10400 Radius of Turn: 408 Direction: 186 Total Length: 4909

Measured Total Depth: 15950 True Vertical Depth: 10966 End Pt. Location From Release, Unit or Property Line: 181

Status: Accepted