

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.: 35043236570000

Completion Report

Spud Date: October 21, 2018

OTC Prod. Unit No.: 043224905

Drilling Finished Date: December 04, 2018

1st Prod Date: January 13, 2019

Completion Date: January 08, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HOWARD 5-19-17 2H

Purchaser/Measurer: PLAINS MARKETING

Location: DEWEY 32 20N 17W
SE SE SW SW
260 FSL 1180 FWL of 1/4 SEC
Latitude: 36.159456085 Longitude: -99.040376389
Derrick Elevation: 1838 Ground Elevation: 1813

First Sales Date: 1/13/2019

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	696052		670296	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	H-40	298	650	340	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1470	1000	425	SURFACE
PRODUCTION	7	29	P-110	10378	2500	375	4629

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13 1/2	P-110	5859	2300	535	9612	15471

Total Depth: 15471

Packer	
Depth	Brand & Type
10290	AS1-X

Plug	
Depth	Plug Type
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
Jan 17, 2019	MISSISSIPPIAN(LESS UP CHESTER)	182	40	1612	8867	2519	FLOWING	640	40/64	777

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN(LESS UP CHESTER)

Code: 359MSLUC

Class: GAS

Spacing Orders

Order No	Unit Size
640	646393

Perforated Intervals

From	To
10530	15376

Acid Volumes

1,386 BBL 15% HCL

Fracture Treatments

181,849 BBLS OF FLUID & 5,813,660 LBS OF SAND

Formation	Top
BASE HEEBNER SHALE	6220
BASE DOUGLAS SAND	6545
TONKAWA SAND	6665
COTTAGE GROVE SAND	7130
HOGSHOOTER	7420
OSWEGO LIME	7818
MORROW SHALE	8660
MISSISSIPPIAN/CHESTER LIME	8886
MANNING	9628
BASE MANNING LIME	9934
MANNING SHALE	10042
UPPER MERAMEC	10179

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: 19N RGE: 17W County: DEWEY SE SE SW SW 176 FSL 696 FWL of 1/4 SEC Depth of Deviation: 9856 Radius of Turn: 441 Direction: 182 Total Length: 4922 Measured Total Depth: 15471 True Vertical Depth: 10423 End Pt. Location From Release, Unit or Property Line: 176

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