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

OTC Prod. Unit No.: 043224905

Completion Report

Spud Date: October 21, 2018

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	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
696052

Increased Density
Order No
670296

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
646393	640

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

FOR COMMISSION USE ONLY

1142215

Status: Accepted

Ask Nancy to fix it

1/13/2019

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
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Form 1002A

1002A
Addendum

API No.: 35043236570000

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043-224905-0-0000 ✓

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A: 224905 I

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Initial Test Data

2-17-19 359 MSLHC 640 psi

EZ

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