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

**Completion Report** Spud Date: September 07, 2018

OTC Prod. Unit No.: 153-224574 Drilling Finished Date: September 27, 2018

1st Prod Date: November 27, 2018

Completion Date: November 21, 2018

Drill Type: HORIZONTAL HOLE

API No.: 35153236260000

Min Gas Allowable: Yes

Well Name: PATSY 13/12-20-17 3H Purchaser/Measurer: PLAINS MARKETING

Location: WOODWARD 24 20N 17W First Sales Date: 11/27/2018

N2 N2 NE NW 200 FNL 1980 FWL of 1/4 SEC

Latitude: 36.20135851 Longitude: -98.966736379

Derrick Elevation: 1734 Ground Elevation: 1709

Operator: TAPSTONE ENERGY LLC 23467

100 E MAIN ST

**OKLAHOMA CITY, OK 73104-2509** 

	Completion Type						
Х	Single Zone						
	Multiple Zone						
	Commingled						

Location Exception
Order No
693453

Increased Density
Order No
676593
676594

Casing and Cement									
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT		
SURFACE	13 3/8	48	H-40	460	850	450	SURFACE		
INTERMEDIATE	9 5/8	36	J-55	1500	950	395	SURFACE		
PRODUCTION	7	29	P-110	9372	1920	355	4629		

Liner									
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth	
LINER	4 1/2	13 1/2	P-110	8526	2500	795	8617	17143	

Total Depth: 17143

Packer						
Depth	Brand & Type					
9279	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
Dec 07, 2018	MISS'AN LESS CHESTER/ MISSISSIPPIAN	254	35	1557	6129	1909	FLOWING	400	50/64	444
		Cor	npletion and	l Test Data I	by Producing F	ormation	•			
	Formation Name: MISSI	SSIPPIAN		Code: 35	59MSSP	C	class: OIL			
	Spacing Orders				Perforated I	ntervals				
Orde	r No U	nit Size	$\neg\vdash$	Fror	n	7	Го			
678	935 ML	ILTIUNIT		951	1	14	581			
661	944	640			•			_		
	Acid Volumes		一一		Fracture Tre	atments		7		
720 BE	3L 7.5% HCL & 1,148 BBL	15% HCL	$\dashv \vdash$	197,693 BBL OF FLUID & 6,887,553 LBS OF SAND.						
	Formation Name: MISSI CHESTER)  Spacing Orders	SSIPPIAN (L	ESS	Code: 35	Perforated I		Class: OIL	$\neg$		
Orde		nit Size	-+	From To			Го			
672	107	640	$\dashv\vdash$	14596		17053		$\dashv$		
693	693452 MULTIUNIT									
Acid Volumes			一一		Fracture Tre	atments		7		
FRAC'D WITH MISSISSIPPIAN FORMATION				FRAC'D WITH MISSISSIPPIAN FORMATION						
	Formation Name: MISS' MISSISSIPPIAN	AN LESS CH	HESTER/	Code:		C	Class: OIL			
Formation		Ιτ	on.							
Formation Top  BASE MANNING LIME			<del></del>		Vere open hole Date last log run:	-	1			

Formation	Тор
BASE MANNING LIME	9068
MANNING SHALE	9143
UPPER MERAMEC	9204

Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks	
There are no Other Remarks.	

## Lateral Holes

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Sec: 12 TWP: 20N RGE: 17W County: WOODWARD

NW NE NE SW

2559 FSL 2049 FWL of 1/4 SEC

Depth of Deviation: 8844 Radius of Turn: 506 Direction: 359 Total Length: 7504

Measured Total Depth: 17143 True Vertical Depth: 9093 End Pt. Location From Release, Unit or Property Line: 2049

#### FOR COMMISSION USE ONLY

1141741

Status: Accepted

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#### TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA 13800 Wireless Way, Okia. City, Ok. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219 Certificate of Authorization No. 1293 LS WOODWARD County, Oklahoma 200'FNL - 1980'FWL Section 24 Township <u>20N</u> Range <u>17W</u> I.M. X 1715533 Y 449442 X 1718140 Y 449432 BOTTOM HOLE (17143' MD) 2559'FSL-2049'FWL 36'13'24.0" N 98'57'59.3" W 36.223335771' N 98.966476946' W X= 1714927 Y= 446725 Range 12 GRID NAD-27 OK NORTH US FEET BOTTOM HOLE BOTTOM PERF 720N-R17W TZON-RIGH Distance & Direction from Hwy Jct or Town then ±2.0 mi. South Topography Operator: ( 1715484 ( 444166 Accessibility Drill ±14582' MD Site? 80 X 1712862 Y 444168 X 1718099 Y 444164 Patsy 13/12-20-17 2H (As-Drilled) (As-Drilled) (As-Drilled) PATSY 13/12-20-Vegetation South to to Ħ Location #H 13/12-20-17 13/12 2017 From Richmond, Loc. the K From fell Potsy Cor. 2. North (13 rolling of. X 1712827 Y 441547 X 1718079 Y 441544 PENETRATION POINT (2924\* MD) SEC 24 85/FNL-2003/FWL 36.201674504\* N 98.966660253\* W X= 1714794 Y= 438841 OK, go Sec off Reference Stakes Stakes Set <u>Non</u> MD) (SEC 1 sandy lease TOP PERF (9511' MC 186/FSL-1979'FWL ( 36.202417997' N 98.966739621' W X= 1714773 Y= 439112 24-T20N-R17W ±0.4 mi Set ₽. ±9311' ME X 1715425 Y 438926 None East, ٥ Well TOP PERF Alternate ₫ X 1718059 Y 438925 X 1712792 Y 438927 PENETRATION POINT No. SURFACE ±3.0 LOT 1 N/2-NE/4 Location 3H |₃ 120-17 2H (As-Drilled) North, (As-Drilled) AS-4th As-1709' Gr. at then Ħ GUIDE | MERIDIAN Ŧ, 25/24-20+17 20-±5.0 25/24 X 1712775 Y 436306 X 1718038 Y 436298 24-20-Forbes ∄. Stake WEST Forbes East LOT 5 LOT 6 X 1718018 Y 433671 304749 Date of Drawing: Oct. 11, 2018 DATUM: NAD-27

was receiver accuracy. is information wed with a GPS refoot Horiz./Vert. a This ered ±1 f gath

LAT: <u>36\*12'04.9" N</u> LONG: <u>98\*58'00.3" W</u> LAT: <u>36.201358510\* N</u> LONG: 98.966736379° W

STATE PLANE COORDINATES (US FEET): ZONE: OK NORTH X: 1714770 438726

Invoice # 291959 Date Staked: Apr. 12, 2018

### FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION FURNISHED BY TAPSTONE ENERGY