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

API No.: 35153236020001

Drill Type:

OTC Prod. Unit No.: 153-218923

Well Name: SMART 24-20-17 1H

Completion Report

Drilling Finished Date: June 03, 2017 1st Prod Date: June 26, 2017

Completion Date: June 25, 2017

Spud Date: April 21, 2017

Min Gas Allowable: Yes

Purchaser/Measurer: ENABLE

First Sales Date: 06/26/2017

Location: WOODWARD 25 20N 17W S2 N2 NE NE 400 FNL 660 FEL of 1/4 SEC Latitude: 36.1864487 Longitude: -98.95779508 Derrick Elevation: 1789 Ground Elevation: 1759

Operator: TAPSTONE ENERGY LLC 23467

HORIZONTAL HOLE

100 E MAIN ST OKLAHOMA CITY, OK 73104-2509

	Completion Type	Location Exception	Increased Density
Х	Single Zone	Order No	Order No
	Multiple Zone	666913	There are no Increased Density records to display.
	Commingled		

				С	asing and Cer	nent				
-	Туре		Size	Weight	Grade	Fe	et	PSI	SAX	Top of CMT
SU	SURFACE		13 3/8	48	J-55	J-55 440		750	378	SURFACE
INTEF	INTERMEDIATE		9 5/8	40	N-80	71	7185 2680		1163	550
PRO	DUCTION		5 1/2	20	P-110	141	00	9800	2017	7950
					Liner					
Туре	Size	Wei	ght	Grade	Length	PSI	SAX	Тор	Depth	Bottom Depth
				There are	no Liner record	ds to displa	. ay.	•		•

Total Depth: 14130

Pac	cker	Plug		
Depth	Brand & Type	1 [Depth	Plug Type
9435	AS-1 X		There are no Plug	records to display.

Initial Test Data

Test Date	est Date Formation BE		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	
Jul 26, 2017	MISSISSIPPIAN	401	39.9	4271	10651	1490	FLOWING		40/64	1301	
		Со	mpletion an	d Test Data	by Producing F	ormation					
	Formation Name: MIS	SISSIPPIAN		Code: 3	59MSSP	C	lass: OIL				
	Spacing Orders				Perforated I	ntervals					
Order No Unit Size				Fro	n	٦	Го				
661944 640		640		987	0	14	130				
	Acid Volumes				Fracture Treatments						
	48,846 GALLONS 15% HCL			170,492 BARRELS, 7,499,220 POUNDS PROPPANT							
Formation		T	ор	\	Vere open hole	logs run? No					
BASE HEEBNI	ER			6040 E	Date last log run:						
BASE DOUGL	AS SANDS			6335	Were unusual drilling circumstances encountered? Yes						
TONKAWA				6505 E	Explanation: WELL LOST RETURNS IN THE VERTICAL						
COTTAGE GR	OVE			6859 F	WELL WAS SIDETRACKED. WHILE DRILLING THE LATERAL PORTION OF THE SIDETRACK, THE BIT AND						
HOGSHOOTE	R			7121 L							
OSWEGO				7522 F	MOTOR WERE	ND THE 9 5/8	" PARTED A	T 7,135'. T⊢			
ΑΤΟΚΑ				7978 1	VELL WAS PLA	NAS CALLE	D AT 14,130'	. OCC - THE			
MISSISSIPPIA	N				CASING AT THE T, THEREFORE				NU		
Other Remark	_										

Other Remarks

OCC - RESTORING 1002A AFTER NETWORK GOING DOWN NO CHANGE FROM ORIGINAL APPROVAL 10/20/2017.

Lateral Holes

Sec: 24 TWP: 20N RGE: 17W County: WOODWARD

NE SW NE NE

821 FNL 661 FEL of 1/4 SEC

Depth of Deviation: 9055 Radius of Turn: 629 Direction: 2 Total Length: 4446

Measured Total Depth: 14130 True Vertical Depth: 9290 End Pt. Location From Release, Unit or Property Line: 821

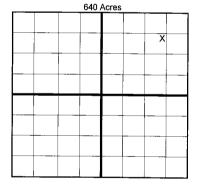
FOR COMMISSION USE ONLY

Status: Accepted

1137840

R	۵١							<u> </u>		
API 2515222602	1 PLEASE TYPE OR USE						RIE	CE	UVED) Form 10
API 3515323602 OTC PROD. 153218923 UNIT NO. 153218923	Attach copy of or	' <u>⊨:</u> iginal 1002A	OF	Oil & Gas	ORPORATION Conservation Office Box 53		S	EP 27	7 2017	Rev. :
ORIGINAL AMENDED (Reason)	if recompletion	or reentry.	_		ty, Oklahoma Rule 165:10-3 PLETION RE	-25	OKLAHO		RPORATION	1
TYPE OF DRILLING OPERAT			SPUD	DATE	4/21/2		Ľ	640 Acres		
SERVICE WELL	DIRECTIONAL HOLE			FINISHED	6/3/2				•	
COUNTY WOODV	VARD SEC 25 TV	VP 20N RGE 17		OF WELL	6/25/	'17				
	SMART 24-20-17	WELL		ROD DATE	6/26/	'17				
0405/2 N/2 1/4 NE	1/4 NE 1/4 ENLOF	400' (FELOF 6	60' RECO	MP DATE		w				E
ELEVATIO N Derrick 1,789 Grou			487 Longit		-98.957	79508				
OPERATOR	Tapstone Energy, L		OTC/OCC	,	2346					
NAME		PO Box 1608	OPERATOR	R NO.	2010					
	klahoma City	STATE	OK	ZIP	73101-	1608				
COMPLETION TYPE		CASING & CEMEN	T (Form 100)2C must be			L	OCATE WE	LL	
🗙 SINGLE ZONE 🖌	- X	TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	
MULTIPLE ZONE Application Date		CONDUCTOR								
COMMINGLED Application Date	666913F.O.	SURFACE	13 3/8"	48	J-55	440'	750	378	SURFACE	
	63659 - Interim	INTERMEDIATE	9 5/8'	40	N-80	7,185'	2,680	HS	550' EST	lei 1000 c
INCREASED DENSITY ORDER NO.		PRODUCTION	5 1/2"	20	P-110	14,100'	9,800	2,017	7,950' EST	iwzc
		LINER								
PACKER @ 9,435' BRAN	ND&TYPE AS-1X	PLUG @	TYPE	L	PLUG @	TYPE		TOTAL DEPTH	14,130'	
PACKER @ BRAM	ND & TYPE	PLUG @	TYPE		PLUG @ _					
	A BY PRODUCING FORMAT	10N 359M	<u>ESP</u>					0		
ORMATION	MISSISSIPPIAN							Ke	ported 9 Frae Fo	
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj,	640 ac 661944							10) Frae H	CUL,
Disp, Comm Disp, Svc	OIL									
PERFORATED NTERVALS	9,870' - 14,130'									
	48,846 gal 15% HCL									
	170,492 bbl									
RACTURE TREATMENT	7,499,220# PROP									
NITIAL TEST DATA	Min Gas All X OR Oil Allowab		10-17-7)		Gas Pu First Sa	rchaser/Measurer les Date		ENA 6/26/	BLE 2017	
NITIAL TEST DATE	7/26/2017	(
DIL-BBL/DAY	401									
DIL-GRAVITY (API)	39.9									
GAS-MCF/DAY	4,271		-//////	/////	/////		////			
AS-OIL RATIO CU FT/BBL	10,651									
VATER-BBL/DAY	1,490	· · · · · · · · · · · · · · · · · · ·	3 A 9	: C	IIR	AITTE	n F—			
UMPING OR FLOWING	FLOWING/GAS LIFT	-	2				<u> </u>			
ITIAL SHUT-IN PRESSURE			/////		//////		777/1.—			
HOKE SIZE	40/64"						////			
LOW TUBING PRESSURE	1 1,301									
	/									
A record of the formations dial to mater this report, which was SIGNAT	ed through, and pertinent remark prepared by me or under my su	pervision and direction, v	Bryan	and facts state	ed herein to b	e of the contents of this e true, correct, and co	s report and am a mplete to the be 9/26/2017 DATE	st of my know	y my organization wledge and belief. 5-702-1600 ONE NUMBER	
PO Box		ر Oklahoma City	-	73101-16		brothe	DATE r@tapstone		1	
ADDRE		CITY	STATE	ZIP	<u> </u>	Biotilei	EMAIL ADDR			

PLEASE TYPE OR USE BLACK INK ON FORMATION RECORD Give formation names and tops, if available, or descriptions and th drilled through. Show intervals cored or drillstem tested.		LEASE NAMESMART 24-20-17WELL NO1H
NAMES OF FORMATIONS	TOP	FOR COMMISSION USE ONLY
BASE HEEBNER	6,040'	
BASE DOUGLAS SANDS	6,335'	
TONKAWA	6,505'	2) Reject Codes
COTTAGE GROVE	6,859'	
HOGSHOOTER	7,121'	
OSWEGO	7,522'	
АТОКА	7,978'	
MISSISSIPPIAN	8,292'	
Other remarks:		Were open hole logs run? yesX_ no Date Last log was run
veil lost returns in the vertical se		Cottage Grove formation. 9 5/8" was pulled from 3,460' and well was
		it and motor were lost in hole and could not be fished out and the 9 5/8"
parted at 7,135'. This well was planned as a tw		
terminus has no cement	t behind i	t therefore it is considered open
		<i>V</i>



If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

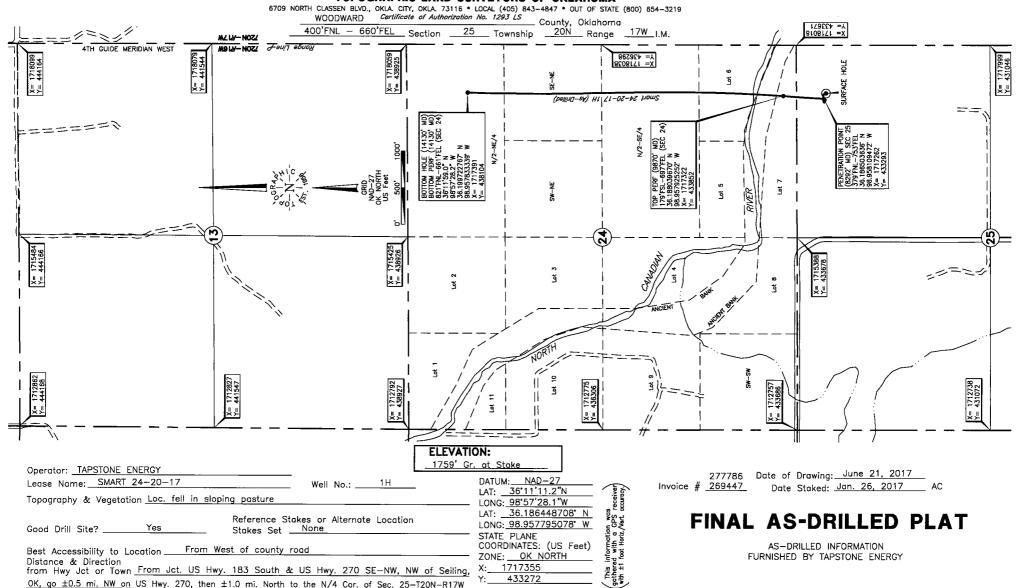
BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	cc	ÚNTÝ			
Spot Loca	ation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured	Total Depth		rue Vertical Depth		BHL From Lease, Unit, or Pro	operty Line:	I

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

SEC 24		20N	RGE	17W		COUNTY		V	NOO	DWARD		
Spot Locat NE		sw	1/4	NE	1/4	NE	1/4	Feet From 1/4 Sec Lines		fnl 821'	FEL.	661'
Depth of Deviation		055'		Radius of T	um	629'		Direction 2.5	,	Total Length	4,446	,
Measured	Total Depth			True Vertica	al Dep	oth		BHL From Lease, Unit, or	Proper	ty Line:		
	14,130				9,2	90'				821'		
LATERAL	#2											
SEC	TWP		RGE			COUNTY						
Spot Locat	ion		I							501	E 144	
	1/4		1/4		1/4		1/4	Feet From 1/4 Sec Lines		FSL	FWL	
Depth of Deviation				Radius of T	um			Direction		Total Length	L	
	Total Depth			True Vertica		th		BHL From Lease, Unit, or	Dropor	h line.		

SEC	TWP	RGE		COUNTY			
Spot Loca	ation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation			Radius of Turn		Direction	Total Length	
Measured	d Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pro	operty Line:	



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA