

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.: 35153236020002

Completion Report

Spud Date: April 21, 2017

OTC Prod. Unit No.: 153-218923

Drilling Finished Date: June 03, 2017

1st Prod Date: June 26, 2017

Amended

Completion Date: June 25, 2017

Amend Reason: CORRECT GAS PURCHASER

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: SMART 24-20-17 1H

Purchaser/Measurer: ENLINK

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

First Sales Date: 06/26/2017

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	666913		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	440	750	378	SURFACE
INTERMEDIATE	9 5/8	40	N-80	7185	2680	1163	550
PRODUCTION	5 1/2	20	P-110	14100	9800	2017	7950

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 14130

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
9435	AS-1 X	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
Jul 26, 2017	MISSISSIPPIAN	401	39.9	4271	10651	1490	FLOWING		40/64	1301

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN		Code: 359MSSP		Class: OIL	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From	To		
661944	640	9870	14130		
Acid Volumes		Fracture Treatments			
48,846 GALLONS 15% HCL		170,492 BARRELS, 7,499,220 POUNDS PROPPANT			

Formation	Top
BASE HEEBNER	6040
BASE DOUGLAS SANDS	6335
TONKAWA	6505
COTTAGE GROVE	6859
HOGSHOOTER	7121
OSWEGO	7522
ATOKA	7978
MISSISSIPPIAN	8292

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? Yes

Explanation: WELL LOST RETURNS IN THE VERTICAL SECTION AT 6,956' IN THE COTTAGE GROVE FORMATION. 9 5/8" WAS PULLED FROM 3,460' AND WELL WAS SIDETRACKED. WHILE DRILLING THE LATERAL PORTION OF THE SIDETRACK, THE BIT 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 TWO MILE LATERAL, TOTAL DEPTH WAS CALLED AT 14,130'.

Other Remarks
OCC - THE CASING AT TERMINUS HAS NO CEMENT BEHIND IT, THEREFORE IT IS CONSIDERED OPEN HOLE.

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

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<div>Status: Accepted</div> <div>1138589</div>

EMAIL ADDRESS

FORMATION RECORD

LEASE NAME

SMART 24-20-17

WELL NO. 1H

NAMES OF FORMATIONS	TOP
BASE HEEBNER	6,040'
BASE DOUGLAS SANDS	6,335'
TONKAWA	6,505'
COTTAGE GROVE	6,859'
HOGSHOOTER	7,121'
OSWEGO	7,522'
ATOKA	7,978'
MISSISSIPPIAN	8,292'

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ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED DISAPPROVED	2) Reject Codes

Were open hole logs run? yes X no

Date Last log was run _____

Was CO₂ encountered? yes X no at what depths? _____

Was H₂S encountered? yes X no at what depths? _____

Were unusual drilling circumstances encountered? X yes no

If yes, briefly explain below

Other remarks: Well lost returns in the vertical section at 6,956' in the Cottage Grove formation. 9 5/8" was pulled from 3,460' and well was sidetracked. While drilling the lateral portion of the sidetrack, the bit 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 two mile lateral, TD was called at 14,130'. *OCC-The casing at terminus*

has no cement behind it therefore it is considered open hole.

640 Acres

X

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.

640 Acres

A 10x10 grid representing 640 acres. The grid is divided into four 5x5 quadrants by a thick black cross. The top-left quadrant is shaded light blue. The top-right quadrant is shaded light green. The bottom-left quadrant is shaded light orange. The bottom-right quadrant is white. The text '640 Acres' is centered at the top of the grid.

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY			
Spot Location			Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4	1/4			
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC 24	TWP 20N	RGE 17W	COUNTY WOODWARD		
Spot Location					
NE 1/4	SW 1/4	NE 1/4	NE 1/4	Feet From 1/4 Sec Lines	FNL 821'
Depth of Deviation 9,055'		Radius of Turn 629'	Direction 2.5	Total Length 4,446'	FEL 661'
Measured Total Depth 14,130'		True Vertical Depth 9,290'	BHL From Lease, Unit, or Property Line: 821'		

LATERAL #2

SEC	TWP	RGE	COUNTY			
Spot Location				Feet From 1/4 Sec Lines	FSL	FWL
1/4	1/4	1/4	1/4			
Depth of Deviation		Radius of Turn	Direction	Total Length		
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:			

LATERAL #3

SEC	TWP	RGE	COUNTY			
Spot Location						
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 Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		