

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.: 35043235210001

**Completion Report**

Spud Date: June 06, 2017

OTC Prod. Unit No.: 043-219253

Drilling Finished Date: July 17, 2017

1st Prod Date: September 06, 2017

Completion Date: September 03, 2017

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HEATH 16/9-19-17 (HEATH 9/16-19-17 1H) 1H

Purchaser/Measurer: ENABLE

Location: DEWEY 21 19N 17W  
N2 N2 NW NW  
220 FNL 660 FWL of 1/4 SEC  
Latitude: 36.1147284 Longitude: -99.02394369  
Derrick Elevation: 1897 Ground Elevation: 1867

First Sales Date: 09/06/2017

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	667847		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	H-40	477	750	398	SURFACE
INTERMEDIATE	9 5/8	40	J/L	6832	2480	1083	911
PRODUCTION	5 1/2	20	P-110	21065	3050	2978	6480

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

**Total Depth: 21073**

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
10830	AS1-X	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 Pressure
Nov 28, 2017	MISSISSIPPIAN	480	43	2714	5654	1692	FLOWING		34	1013

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders

Order No	Unit Size
661124	640
666760	640
668406	MULTIUNIT

Perforated Intervals

From	To
10960	21073

Acid Volumes

108,990 GALLONS 15% HCL

Fracture Treatments

504,437 BARRELS FLUID, 27,362,063 POUNDS PROPPANT

Formation	Top
BASE HEEBNER	6474
BASE DOUGLAS SANDS	6737
TONKAWA	6923
COTTAGE GROVE	7360
HOGSHOOTER	7698
OSWEGO LIMESTONE	8148
ATOKA	8764
CHESTER	9477
UPPER MERAMEC	10856

Were open hole logs run? No

Date last log run:

Was H2S Encountered? Yes

Depth Encountered: 10960

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

Lateral Holes

Sec: 9 TWP: 19N RGE: 17W County: DEWEY

NE NW NW NW

220 FNL 614 FWL of 1/4 SEC

Depth of Deviation: 10146 Radius of Turn: 953 Direction: 357 Total Length: 9974

Measured Total Depth: 21073 True Vertical Depth: 10401 End Pt. Location From Release, Unit or Property Line: 220

FOR COMMISSION USE ONLY

Status: Accepted

January 17, 2018



API NO. 3504323521  
OTC PROD. UNIT NO. 043219253

PLEASE TYPE OR USE BLACK INK ONLY  
NOTE:

Attach copy of original 1002A  
if recompletion or reentry.

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

RECEIVED

DEC 01 2017

Form 1002A  
Rev. 2009

OKLAHOMA CORPORATION  
COMMISSION

☒ ORIGINAL  
☐ AMENDED (Reason)

COMPLETION REPORT

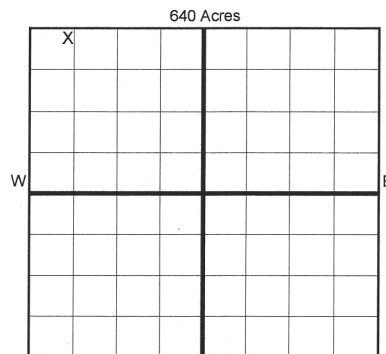
TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE  
☐ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY	DEWEY	SEC	21	TWP	19N	RGE	17W
LEASE NAME	HEATH 16/9-19-17			WELL NO.	1H		
N 1/4 NW 1/4 NW 1/4 NW 1/4	220'			FWL OF 1/4 SEC	660'		
ELEVATION N Derrick	1897'	Ground	1867'	Latitude (if known)	36.1147284		
OPERATOR NAME	Tapstone Energy, LLC			OTC/OCC OPERATOR NO.	23467		
ADDRESS	PO Box 1608						
CITY	Oklahoma City	STATE	OK	ZIP	73101-1608		

SPUD DATE	6/6/2017
DRLG FINISHED DATE	7/17/2017
DATE OF WELL COMPLETION	9/3/2017
1st PROD DATE	9/6/2017
RECOMP DATE	
Longitude (if known)	-99.02394369



COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE	<input checked="" type="checkbox"/> X
MULTIPLE ZONE	
Application Date	
COMINGLED	
Application Date	
LOCATION	667847 (Interim)
EXCEPTION ORDER	
INCREASED DENSITY ORDER NO.	

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	13 3/8"	48	H-40	477'	750	398	SURFACE
INTERMEDIATE	9 5/8"	40	J/L	6,832'	2,480	1,083	911' EST
PRODUCTION	5 1/2"	20	P-110	21,065'	3,050	2,978	6,480' EST
LINER							

PACKER @ 10,830' BRAND & TYPE AS1-X PLUG @ TYPE PLUG @ TYPE  
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE

TOTAL DEPTH 21,073'

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	MISSISSIPPIAN						
SPACING & SPACING ORDER NUMBER	640-661124 & 666760	(640)	668406	(Multunit)			Reported to FracFocus
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL						
PERFORATED INTERVALS	10,960'-21,073'						
ACID/VOLUME	108,990 gal 15%HCL						
FRACTURE TREATMENT (Fluids/Prop Amounts)	504,437 bbls						
	27,362,063# PROP						

☒ Min Gas Allowable (165:10-17-7)  
OR  
☐ Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer  
First Sales Date

ENABLE  
9/6/2017

INITIAL TEST DATA

INITIAL TEST DATE	11/28/2017					
OIL-BBL/DAY	480					
OIL-GRAVITY (API)	43					
GAS-MCF/DAY	2714					
GAS-OIL RATIO CU FT/BBL	5654					
WATER-BBL/DAY	1692					
PUMPING OR FLOWING	FLOWING					
INITIAL SHUT-IN PRESSURE						
CHOKE SIZE	34					
FLOW TUBING PRESSURE	1013					

AS SUBMITTED

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE	Bryan Rother	DATE	11/29/2017	PHONE NUMBER	405-702-1600
PO Box 1608	Oklahoma City	OK	73101-1608	regulatory@tapstoneenergy.com	
ADDRESS	CITY	STATE	ZIP	EMAIL ADDRESS	

PLEASE TYPE OR USE BLACK INK ONLY  
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

NAMES OF FORMATIONS	TOP
BASE HEEBNER	6474'
BASE DOUGLAS SANDS	6737'
TONKAWA	6923'
COTTAGE GROVE	7360'
HOGSHOOTER	7698'
OSWEGO LIMESTONE	8148'
ATOKA	8764'
CHESTER	9477'
UPPER MERAMEC	10,856'

LEASE NAME HEATH 16/9-19-1 WELL NO. 1H

FOR COMMISSION USE ONLY	
ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED _____	DISAPPROVED _____
2) Reject Codes	
_____	
_____	
_____	
_____	

Were open hole logs run?	yes	<input checked="" type="checkbox"/> no
Date Last log was run	_____	
was CO <sub>2</sub> encountered?	yes	<input checked="" type="checkbox"/> no
at what depths?	_____	
was H <sub>2</sub> S encountered?	<input checked="" type="checkbox"/> yes	no
at what depths?	<u>10960</u>	
Were unusual drilling circumstances encountered?	yes	<input checked="" type="checkbox"/> no
If yes, briefly explain below	_____	

Other remarks:
_____
_____
_____
_____
_____

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


BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

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

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1			
SEC	TWP	RGE	COUNTY
9	19N	17W	DEWEY
Spot Location	NE	NW	NW
1/4	1/4	1/4	1/4
Feet From 1/4 Sec Lines	FNL	220'	FWL
Depth of Deviation	10,146'	Radius of Turn	953
Direction	357	Total Length	9,974'
Measured Total Depth	21,073	True Vertical Depth	10,401
BHL From Lease, Unit, or Property Line:		220'	

LATERAL #2			
SEC	TWP	RGE	COUNTY
Spot Location	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:	

LATERAL #3			
SEC	TWP	RGE	COUNTY
Spot Location	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:	

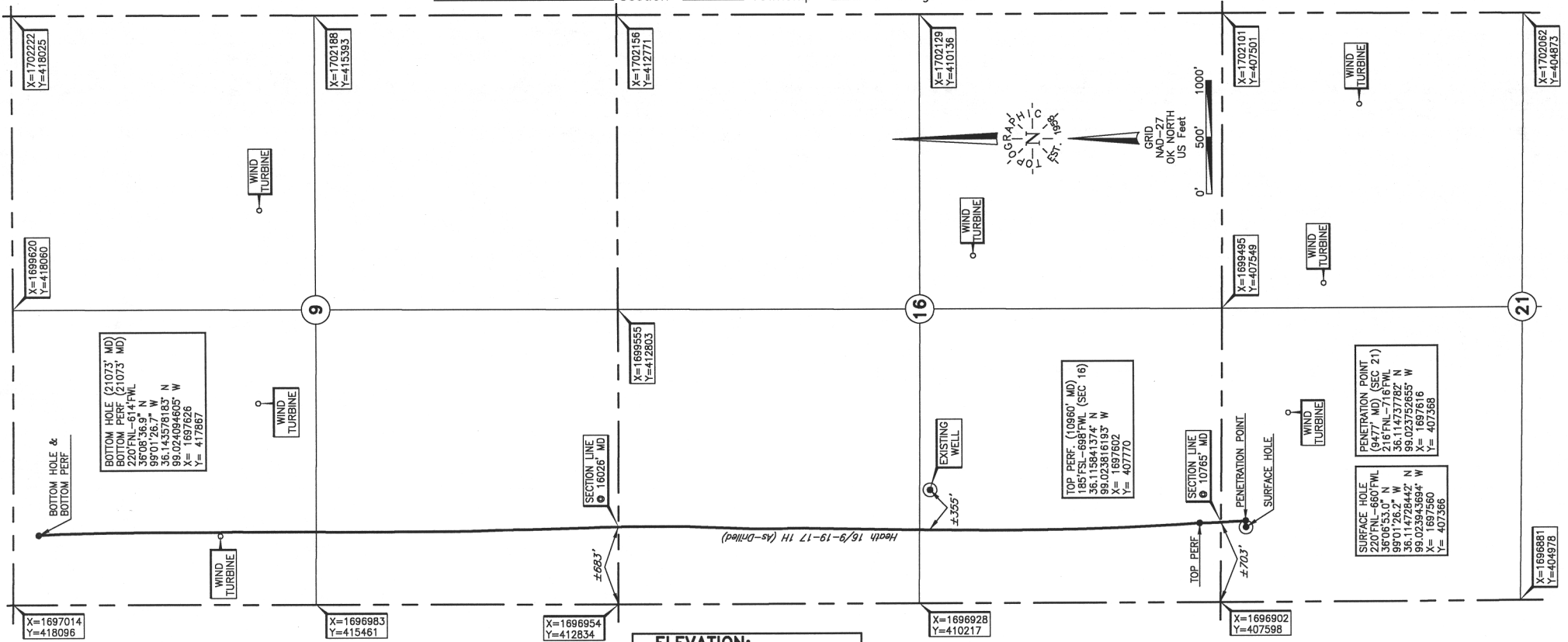
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

DEWEY Certificate of Authorization No. 1293 LS

County, Oklahoma

220' FNL - 660' FWL Section 21 Township 19N Range 17W I.M.



Operator: TAPSTONE ENERGY

Lease Name: HEATH 16/9-19-17

Well No.: 1H

Topography & Vegetation Loc. fell in terraced wheat field

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction

from Hwy Jct or Town From Jct. US Hwy. 281 and St. Hwy. 51 in Seiling, OK, go  $\pm 5.7$  mi.

West on St. Hwy. 51/US Hwy. 60, then  $\pm 2.0$  mi. South to the NW Cor. of Sec. 21-T19N-R17W

## ELEVATION:

1867' Gr. at Stake

DATUM: NAD-27

LAT:  $36^{\circ}06'53.0''$  N

LONG:  $99^{\circ}01'26.2''$  W

LAT:  $36.114728442^{\circ}$  N

LONG:  $99.023943694^{\circ}$  W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK NORTH

X: 1697560

Y: 407366

This information was gathered with a GPS receiver with  $\pm 1$  foot Horiz./Vert. accuracy.

281012 Date of Drawing: Aug. 31, 2017  
Invoice # 275435 Date Staked: Apr. 27, 2017 JP

## FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION  
FURNISHED BY TAPSTONE ENERGY