

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.: 35017250150000

Completion Report

Spud Date: July 21, 2017

OTC Prod. Unit No.: 017-222644

Drilling Finished Date: August 24, 2017

1st Prod Date: November 12, 2017

Completion Date: October 13, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: CANNONBALL 1208 24-1WH

Purchaser/Measurer: ENLINK

Location: CANADIAN 25 12N 8W
SE NE NE NE
510 FNL 225 FEL of 1/4 SEC
Latitude: 35.49205 Longitude: -97.99063
Derrick Elevation: 1461 Ground Elevation: 1436

First Sales Date: 11/14/2017

Operator: 89 ENERGY LLC 23897

105 N HUDSON AVE STE 650
OKLAHOMA CITY, OK 73102-4832

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

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1512	350	660	SURFACE
PRODUCTION	7	29	P-110	9953	770	525	5476

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.5	P-110	6121	1300	585	9710	

Total Depth: 15842

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
10340	SUPERIOR AS3	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
Dec 01, 2017	WOODFORD	205	55	2518	12280	1608	FLOWING	1160	64	500

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders

Order No	Unit Size
660940	640

Perforated Intervals

From	To
11061	15700

Acid Volumes

381 BARRELS 15% ACID

Fracture Treatments

283,634 BARRELS SLICKWATER, 12,322,230 POUNDS PROPPANT

Formation	Top
BASE HEEBNER	6364
TONKAWA	7028
COTTAGE GROVE	7756
CLEVELAND	8579
OSWEGO	9071
PRUE	9150
VERDIGRIS	9210
SKINNER	9241
PINK LIME	9416
RED FORK	9428
INOLA	9566
CHESTER	9724
MERAMEC	10121
WOODFORD	10455

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

OCC - THIS WELL'S COMPLETION INTERVAL IS AT A LEGAL LOCATION WITH WHAT THE SPACING ORDER 660940 ALLOWS.

Lateral Holes

Sec: 24 TWP: 12N RGE: 8W County: CANADIAN

NW NE NE NE

306 FNL 404 FEL of 1/4 SEC

Depth of Deviation: 10011 Radius of Turn: 952 Direction: 360 Total Length: 4879

Measured Total Depth: 15842 True Vertical Depth: 10635 End Pt. Location From Release, Unit or Property Line: 306

Status: Accepted

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.

LEASE NAME

Cannonball 1208

WELL NO.

24-1WH

NAMES OF FORMATIONS	TOP
Base Heebner	6,364
Tonkawa	7,028
Cottage Grove	7,756
Cleveland	8,579
Oswego	9,071
Prue	9,150
Verdigris	9,210
Skinner	9,241
Pink Lime	9,416
Red Fork	9,428
Inola	9,566
Chester	9,724
Meramec	10,121
Woodford	10,455

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?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Date Last log was run	
was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? <input type="text"/>
was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? <input type="text"/>
Were unusual drilling circumstances encountered?	<input type="checkbox"/> 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	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	TWP	RGE	COUNTY
24	12N	8W	Canadian
Spot Location			
NW 1/4	NE 1/4	NE 1/4	NE 1/4
Depth of Deviation		Radius of Turn	Direction
10,011		952	360
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:
15,842		10,635	306

LATERAL #2

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