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

API No.: 35017250320000

OTC Prod. Unit No.: 017-222646

### **Completion Report**

Drilling Finished Date: September 07, 2017 1st Prod Date: November 10, 2017

Spud Date: July 23, 2017

Completion Date: November 10, 2017

Drill Type: HORIZONTAL HOLE

Well Name: CANNONBALL 1208 24-2MH

Location: CANADIAN 25 12N 8W SE NE NE NE 510 FNL 245 FEL of 1/4 SEC Latitude: 35.49205 Longitude: -97.9907 Derrick Elevation: 1460 Ground Elevation: 1435

Operator: 89 ENERGY LLC 23897

105 N HUDSON AVE STE 650 OKLAHOMA CITY, OK 73102-4832 Min Gas Allowable: Yes

Purchaser/Measurer: ENLINK

First Sales Date: 11/14/2017

	Completion Type	Location Exception	Increased Density
Х	Single Zone	Order No	Order No
	Multiple Zone	664914	There are no Increased Density records to display.
	Commingled		

**Casing and Cement** Weight PSI SAX Top of CMT Туре Size Grade Feet SURFACE 9 5/8 36 J-55 1513 650 660 SURFACE PRODUCTION P-110 7 29 9849 770 525 5337 Liner PSI Size Weight Grade SAX **Top Depth Bottom Depth** Туре Length LINER 4 1/2 13.5 P-110 6406 1300 580 9550 15956

## Total Depth: 15968

Pac	ker	P	lug	
Depth	Depth Brand & Type		Plug Type	
10310	SUPERIOR AS1	There are no Plug records to display.		

**Initial Test Data** 

Test Date					Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure	
Nov 27, 2017	MISSISSIPPIAN	437	5	55	2967	6790	1584	FLOWING	1300	54	630
		Co	mpletio	on and	Test Data b	y Producing F	Formation				
	Formation Name: MISSI	SSIPPIAN			Code: 35	9MSSP	С	lass: OIL			
	Spacing Orders					Perforated I	ntervals				
Orde	r No U	nit Size			Fron	n 🛛	٦	ō	1		
664	339	640			1100	0	15	826			
	Acid Volumes			Fracture Treatments							
	341 BARRELS 15% ACI	)		266,873 BARRELS SLICKWATER, 74,498 BARRELS 15 POUNDS LINEAR GEL, 13,615,910 POUNDS PROPPANT							
Formation		٦	Тор			/ere open hole	loas run? No				
BASE HEEBNI	ER				6377 Date last log run:						
TONKAWA					7044 <sub>W</sub>	Were unusual drilling circumstances encountered? No					
COTTAGE GROVE						- · · · · · · · · · · · · · · · · · · ·					
CLEVELAND				8583							
OSWEGO					9087						
PRUE					9165	165					
VERDIGRIS				9218							

### Other Remarks

SKINNER

PINK LIME

RED FORK

CHESTER

MERAMEC

INOLA

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

9249

9432

9444

9579

9741

10155

Lateral Holes

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

NW NW NE NE

100 FNL 1191 FEL of 1/4 SEC

Depth of Deviation: 9910 Radius of Turn: 858 Direction: 360 Total Length: 5200

Measured Total Depth: 15968 True Vertical Depth: 10629 End Pt. Location From Release, Unit or Property Line: 100

# FOR COMMISSION USE ONLY

API NO. 017-25032	PLEASE TYPE OR USE BLAC						REC	JEEL	VIED	
OTC PROD. 017-222646	Attach copy of or		0	OKLAHOMA CORPORATION COMMISSION Oil & Gas Conservation Division						
UNIT NO. 017-222040	if recompletion	Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000				JAN 1 7 2018				
X ORIGINAL AMENDED (Reason)			Rule 165:10-3-25				OKLAHOMA CORPORATION COMMISSION			
TYPE OF DRILLING OPERATIO			SPUE	D DATE	7/23/	/2017		640 Acres		
SERVICE WELL		TIONIZON TAL HOLE		G FINISHED	9/7/	2017			x	
COUNTY Canad	reverse for bottom hole location.	/P 12N RGE 8W		OF WELL		2-17				
LEASE	Cannonball 1208					/2017				
NAME SE 1/4 NE 1/4 NE		NO.	•		11/10	w				
	1/4 SEC	510 174 SEC 22		DMP DATE						
Derrick FL 1460 Grou		nown) 35.4920		(if known)	<del>∽</del> 97.9					
NAME	89 Energy LLC		OPERATO	R NO.	238	897				
ADDRESS		Hudson Ave, Sui	ite 650							
	klahoma City	STATE	OK	ZIP	73 <sup>-</sup>	102	L	OCATE WE		
		CASING & CEMEN	T (Form 10	02C must b	e attached)	)				
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	
Application Date		CONDUCTOR				20				
Application Date		SURFACE	9-5/8"	36	J-55	1,513	650	660	Surface	
UNDERINO.	64914 (Interim)	INTERMEDIATE	7"	29	P-110	9,849	770	525	5,337	
ORDER NO.	64 <del>339 (Spacing)</del>	PRODUCTION								
		LINER	4-1/2"	13.5	P-110	9,550'-15,95	56' 1300	580	9,550	
PACKER @ <u>10,310</u> BRAN	ND & TYPE Superior AS	PLUG @	TYPE		PLUG @	TYPE		TOTAL DEPTH	15,968	
	ND & TYPE	PLUG @	TYPE			TYPE				
COMPLETION & TEST DAT	A BY PRODUCING FORMAT	ION_359M9	<u>ssp</u>							
SPACING & SPACING	Mississippian	(							Reported to	
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj,		640)						F	rac Focus	
Disp, Comm Disp, Svc	Oil <del>&amp; Cas -</del>	PerGOR						-		
PERFORATED										
NTERVALS	11,000' - 15,826'					1				
ACID/VOLUME	341bbls	15% Acid								
RACTURE TREATMENT	266,873bbls	Slickwater								
Fluids/Prop Amounts)	74,498bbls	15# Linear G	el							
	13,615,910lbs	Proppant								
	Min Gas All		0-17-7)		Gas P	urchaser/Measurer			link	
NITIAL TEST DATA	OR Oil Allowabl				First	Sales Date		11/14	/2017	
NITIAL TEST DATE	11/27/2017									
DIL-BBL/DAY	437									
DIL-GRAVITY ( API)	55									
GAS-MCF/DAY	2,967			/////			///////////////////////////////////////	n		
GAS-OIL RATIO CU FT/BBL			%					4		
	6,790		3	IΛC	GI	<b>JBMI</b>	TTEN	E-		
VATER-BBL/DAY	1,584		/2	<b>NU</b>			ILU	6		
	Flowing		?	//////	/////			//		
NITIAL SHUT-IN PRESSURE	1,300		/			///////////////////////////////////////		//		
HOKE SIZE	54									
LOW TUBING PRESSURE	630									
to make this report, which was	ed through, and pertinent remark prepared by me or under my sup	pervision and direction, wi	ith the data a	clare that I ha and facts stat	ave knowledg ed herein to	ge of the contents of t be true, correct, and	this report and am a complete to the best 1/16/2018	st of my know	wledge and belief.	
SIGNAT	URE			T OR TYPE	)	·	1/16/2018 DATE		5-602-6997	
105 N. Hudson A		OKC	OK	73102	· · · ·	lane	.mcpherson@			
ADDRE	SS	CITY	STATE	ZIP			EMAIL ADDR			

1002A v. 2009

PLEASE TYPE OR USE BLACK INK FORMATION RECORD Give formation names and tops, if available, or descriptions and drilled through. Show intervals cored or drillstem tested.		LEASE NAME Cannonball 1208 WELL NO. 24-2MH
NAMES OF FORMATIONS	ТОР	FOR COMMISSION USE ONLY
Base Heebner	6,377	ITD on file YES NO
Tonkawa	7,044	APPROVED DISAPPROVED
Cottage Grove	7,764	2) Reject Codes
Cleveland	8,583	
Oswego	9,087	
Prue	9,165	ъ. Э
Verdigris	9,218	
Skinner	9,249	
Pink Lime	9,432	
Red Fork	9,444	Were open hole logs run? yes X no
Inola	9,579	Date Last log was run
Chester	9,741	was CO <sub>2</sub> encountered? yes X no at what depths?
Meramec	10,155	was H <sub>2</sub> S encountered? yes X no at what depths?
		Were unusual drilling circumstances encountered?yesno
Other remarks:		

640 Acres										
					х					

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

	 	0407	10103		

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE		COUNTY				
Spot Locat	tion 1/4	1/4	1/4	1	/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured	Total Depth		True Vertical De			BHL From Lease, Unit, or Proper	y Line:	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL	#1							
SEC 24	TWP	12N	RGE	8W	COUNTY		Canadian	1191
Spot Locat	tion 1/4	NW	1/4	NE 1/-	4 NE 1/4	Feet From 1/4 Sec Lines	fnl 1010	FEL <b>1211</b>
Depth of Deviation		9,910		Radius of Turn	858	Direction 360	Total Length	5,200
Measured	Total Dep	oth		True Vertical D	epth	BHL From Lease, Unit, or Pr	operty Line:	
	15,9	68		10	,629		10 <b>D</b>	
LATERAL			1005	•	COUNTY			
SEC	TWP		RGE		COONT			
Spot Locat	tion 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 Dep	oth		True Vertical D	epth	BHL From Lease, Unit, or Pr	roperty Line:	

ATERAL #	#3						
SEC	TWP	RGE		COUNTY			
Spot Locatio	on 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	
	otal Depth		True Vertical De	pth	BHL From Lease, Unit, or Prop	perty Line:	