

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.: 35017250610001

**Completion Report**

Spud Date: September 18, 2017

OTC Prod. Unit No.: 017-223275

Drilling Finished Date: September 30, 2017

1st Prod Date: February 26, 2018

Completion Date: January 10, 2018

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HASTA 1206 (HASTA 1206 23-1WH) 23-1MH

Purchaser/Measurer: ENLINK

Location: CANADIAN 26 12N 6W  
NE NW NW NW  
288 FNL 420 FWL of 1/4 SEC  
Latitude: 35.49254 Longitude: -97.8116  
Derrick Elevation: 1360 Ground Elevation: 1335

First Sales Date: 02/27/2018

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	673266		N/A	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1037	300	660	SURFACE
PRODUCTION	7	29	P-110	8190	700	685	SURFACE

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.5	P-110	6272	1600	570	7881	14153

**Total Depth: 14160**

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
8693	SUPERIOR AS-1	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
Mar 24, 2018	MISSISSIPPIAN	322	48	1046	3248	465	FLOWING	1038	64	170

Completion and Test Data by Producing Formation									
Formation Name: MISSISSIPPIAN				Code: 359MSSP			Class: OIL		
Spacing Orders				Perforated Intervals					
Order No		Unit Size		From			To		
671192		640		9170			14035		
Acid Volumes				Fracture Treatments					
296.5 BARRELS 15% ACID				350,939 BARRELS SLICKWATER, 28,345 BARRELS 15 POUNDS GEL, 13,580,193 POUNDS PROPPANT					

Formation	Top
BASE HEEBNER	5620
TONKAWA	6234
COTTAGE GROVE	6955
CHECKERBOARD	7395
CLEVELAND	7609
OSWEGO	8063
PRUE	8185
VERDIGRIS	8235
SKINNER	8251
PINK LIME	8350
RED FORK	8384
CHESTER	8542
MERAMEC	8615

Were open hole logs run? No  
Date last log run:  
  
Were unusual drilling circumstances encountered? No  
Explanation:

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

Lateral Holes
Sec: 23 TWP: 12N RGE: 6W County: CANADIAN  NE NE NW NW  117 FNL 1220 FWL of 1/4 SEC  Depth of Deviation: 8261 Radius of Turn: 811 Direction: 356 Total Length: 4989  Measured Total Depth: 14160 True Vertical Depth: 8712 End Pt. Location From Release, Unit or Property Line: 117

FOR COMMISSION USE ONLY

Status: Accepted

(PLEASE TYPE OR USE BLACK INK ONLY)

## Oil &amp; Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Rule 165:10-3-25

## COMPLETION REPORT

MAY 08 2018

**OKLAHOMA CORPORATION  
COMMISSION**

<input checked="" type="checkbox"/>	ORIGINAL
<input type="checkbox"/>	AMENDED (Reason)

## TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE    ☐ DIRECTIONAL HOLE    ☒ HORIZONTAL HOLE

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

COUNTY	Canadian	SEC	26	TWP	12N	RGE	6W	DATE OF WELL COMPLETION	1/10/18
LEASE NAME	Hasta 1206					WELL NO.	23-1MH	1st PROD DATE	2/26/18
NE 1/4	NW 1/4	NW 1/4	NW 1/4	FNL OF 1/4 SEC	288	FWL OF 1/4 SEC	420	RECOMP DATE	
ELEVATION Derrick FL	1,360	Ground	1,335	Latitude (if known)		35.49254	Longitude (if known)	↔	97.81160
OPERATOR NAME	89 Energy LLC						OTC/OCC OPERATOR NO.	23897	
ADDRESS	105 N. Hudson Ave, Suite 650								
CITY	Oklahoma City					STATE	OK	ZIP	73102

## LOCATE WELL

### COMPLETION TYPE

X	SINGLE ZONE	
	MULTIPLE ZONE	
	Application Date	
	COMMINGLED	
	Application Date	
LOCATION EXCEPTION		673266 <i>I.D.</i>
ORDER NO.		
INCREASED DENSITY		N/A
ORDER NO.		

**CASING & CEMENT (Form 1002C must be attached)**

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	9 5/8	36	J-55	1,037	300	660	Surface
INTERMEDIATE	7	29	P-110	8,190	700	685	Surface
PRODUCTION							
LINER	4 1/2	13.5	P-110	7,881 - 14,153	1,600	570	7,881
PLUG @	TYPE	PLUG @	TYPE	TOTAL DEPTH			14,160

PACKER @ 8,693 BRAND & TYPE Superior AS1-2 PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

TOTAL DEPTH	14,160
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### COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Mississippian				Reported to
SPACING & SPACING ORDER NUMBER	671192 (640)				Frac Focus
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil & Gas				
PERFORATED INTERVALS					
	9,170 - 14,035				
ACID/VOLUME	296.5bbls ← 15% Acid				
FRACTURE TREATMENT (Fluids/Prop Amounts)	350,939bbls ← Slickwater				
	28,345bbls ← 15# Gel				
	13,580,193lbs ← Proppant				

Min Gas Allowable (165:10-17-7)

Gas Purchaser/Measurer

Enlink



**OR**

**First Sales Date**

2/27/2018

**Oil Allowable (165:10-13-3)**

### INITIAL TEST DATA

INITIAL TEST DATE	3/24/2018					
OIL-BBL/DAY	322					
OIL-GRAVITY ( API)	48					
GAS-MCF/DAY	1,046					
GAS-OIL RATIO CU FT/BBL	3,248					
WATER-BBL/DAY	465					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	1,038					
CHOKE SIZE	64					
FLOW TUBING PRESSURE	170					

# 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.

Lane McPherson

4/26/2018

405-602-6997

SIGNATURE

NAME (PRINT OR TYPE)

DATE \_\_\_\_\_

PHONE NUMBER

105 N. Hudson Ave, Suite 650

OKC

OK

73102

lane.mcpherson@89.energy

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 Hasta 1206 WELL NO. 23-1MH

NAMES OF FORMATIONS	TOP
Base Heebner	5,620
Tonkawa	6,234
Cottage Grove	6,955
Checkerboard	7,395
Cleveland	7,609
Oswego	8,063
Prue	8,185
Verdigris	8,235
Skinner	8,251
Pink Lime	8,350
Red Fork	8,384
Chester	8,542
Meramec	8,615

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?	yes	<input checked="" type="checkbox"/> no at what depths? _____
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
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
23	12N	6W	Canadian
Spot Location	NE 1/4	NE 1/4	NW 1/4
Depth of Deviation	8,261	Radius of Turn	811
Measured Total Depth	14,160	True Vertical Depth	8,712
Feet From 1/4 Sec Lines		FSL	117
Direction		356 28	
Total Length		4,989	
BHL From Lease, Unit, or Property Line:		117	

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location	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:
Feet From 1/4 Sec Lines		FSL	FWL
Total Length			

LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location	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:
Feet From 1/4 Sec Lines		FSL	FWL
Total Length			