

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.: 35151244910000

Completion Report

Spud Date: December 22, 2016

OTC Prod. Unit No.: 151-218386

Drilling Finished Date: January 03, 2017

1st Prod Date: February 05, 2017

Completion Date: February 04, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LORETTA 2616 1H-03 C

Purchaser/Measurer: SEMGAS

Location: WOODS 3 26N 16W
NW NW NW NE
245 FNL 2430 FEL of 1/4 SEC
Longitude: -98.90730804
Derrick Elevation: 0 Ground Elevation: 1653

First Sales Date: 02/08/2017

Operator: MIDSTATES PETROLEUM COMPANY LLC 23079

321 S BOSTON AVE STE 1000
TULSA, OK 74103-3322

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	660775		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	1246		685	SURFACE
PRODUCTION	7	26	P-110	6542		380	3300

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5367	0	585	6162	11529

Total Depth: 11529

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		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
Mar 06, 2017	MISSISSIPPIAN	217	29	1158	5336	4459	PUMPING	152	64/64	330

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN		Code: 359MSSP		Class: GAS	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From	To		
659922	640	6562	11430		
Acid Volumes		Fracture Treatments			
6,246 BARRELS 15% GELLED AND RET ACID, 830 BARRELS 15% HCL		100,184 BARRELS SLICK WATER, 186,000 POUNDS ROCK SALT			

Formation	Top
HEEBNER SHALE	4587
ENDICOTT	4637
TONKAWA	4926
AVANT	5191
COTTAGE GROVE	5225
HOGSHOOTER	5309
OSWEGO	5489
CHEROKEE	5610
MISSISSIPPI LIME	5770

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 SUBMITTED.

Lateral Holes
Sec: 3 TWP: 26N RGE: 16W County: WOODS SW SE SW SE 167 FSL 1895 FEL of 1/4 SEC Depth of Deviation: 6632 Radius of Turn: 1315 Direction: 181 Total Length: 4987 Measured Total Depth: 11529 True Vertical Depth: 5898 End Pt. Location From Release, Unit or Property Line: 167

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1136177</div>

RECEIVED

MAR 10 2017

Form 1002A
Rev. 2009

API NO. 151 24491
OTC PROD. UNIT NO. 151 218386

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

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.

SPUD DATE 12/22/2016

DRLG FINISHED DATE 01/03/2017

DATE OF WELL COMPLETION 02/04/2017

1st PROD DATE 02/05/2017

RECOMP DATE

COUNTY Woods SEC 03 TWP 26N RGE 16W

LEASE NAME Loretta 2616

WELL NO. 1H-03 C

NW 1/4 NW 1/4 NW 1/4 NE 1/4 ~~1/4~~ OF 1/4 SEC 245N ~~1/4~~ OF 1/4 SEC 2430E

ELEVATION Ground 1653

Latitude (if known) 36.768040223N

Longitude (if known) -98.907308040

OPERATOR NAME Midstates Petroleum Company LLC

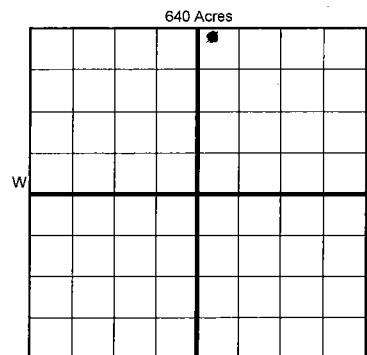
OTC/OCC OPERATOR NO. 23079

ADDRESS 321 South Boston, Suite 1000

CITY Tulsa

STATE OK

ZIP 74103



COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date _____
☐ COMMINGLED
Application Date _____
LOCATION 660775 *I.O.*
EXCEPTION ORDER _____
INCREASED DENSITY ORDER NO. N/A

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE							
INTERMEDIATE	9-5/8	36#	J-55	1,246'		685	surface
PRODUCTION	7	26#	P-110	6,542'		380	3,300'
LINER	4.5	11.6#	P-110	6,162'	11,529'	505 545	3,545'
						TOTAL DEPTH	11,529

PACKER @ _____ BRAND & TYPE _____

PLUG @ _____ TYPE _____

PLUG @ _____ TYPE _____

PACKER @ _____ BRAND & TYPE _____

PLUG @ _____ TYPE _____

PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

359 MSSP

FORMATION	Mississippi Lime	Mississippian					<i>Reported to Free Focus</i>
SPACING & SPACING ORDER NUMBER	640/659922						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas						
PERFORATED INTERVALS	6,562'-11,430'						
ACID/VOLUME	6246 bbls 15% gelled & ret acid	830 bbls 15% HCl					
FRACTURE TREATMENT (Fluids/Prop Amounts)	100,184 bbls slk wtr						
	186,000# rock salt						

Min Gas Allowable

(165:10-17-7)

Gas Purchaser/Measurer

SemGas

☒ x

OR

First Sales Date

02/08/2017

INITIAL TEST DATA

INITIAL TEST DATE	03/06/2017					
OIL-BBL/DAY	217					
OIL-GRAVITY (API)	29					
GAS-MCF/DAY	1,158					
GAS-OIL RATIO CU FT/BBL	5,336					
WATER-BBL/DAY	4,459					
PUMPING OR FLOWING	Pumping					
INITIAL SHUT-IN PRESSURE	152					
CHOKE SIZE	64/64					
FLOW TUBING PRESSURE	330					

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.

03/06/2017

918-947-4647

SIGNATURE

Chelce Rouse

NAME (PRINT OR TYPE)

DATE

PHONE NUMBER

321 South Boston, Suite 1000 Tulsa, OK 74103

chelce.rouse@midstatespetroleum.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.

LEASE NAME Loretta 2616WELL NO. 1H-03 C

NAMES OF FORMATIONS	TOP
HEEBNER SHALE	4587
ENDICOTT	4637
TONKAWA	4926
AVANT	5191
COTTAGE GROVE	5225
HOGSHOOTER	5309
OSWEGO	5489
CHEROKEE	5610
MISSISSIPPI LIME	5770

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	<u>N/A</u>
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

Other remarks:

640 Acres

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

Per LE exhibit

SEC	TWP	RGE	COUNTY
03	26N	16W	Woods
Spot Location	1/4	1/4	1/4
Depth of Deviation	6,632	Radius of Turn	1,315
Measured Total Depth	11,529'	True Vertical Depth	5,898'
Direction	181	Total Length	4,987'
BHL From Lease, Unit, or Property Line: <u>185 167</u>			

1895 FEL

LATERAL #2

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

LATERAL #3

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

JK