

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.: 35151244920000

Completion Report

Spud Date: December 09, 2016

OTC Prod. Unit No.: 151-218387

Drilling Finished Date: December 21, 2016

1st Prod Date: February 05, 2017

Completion Date: February 04, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LORETTA 2616 1H-02 A

Purchaser/Measurer: SEMGAS

Location: WOODS 3 26N 16W
NW NW NW NE
260 FNL 2430 FEL of 1/4 SEC
Longitude: -98.90730823
Derrick Elevation: 0 Ground Elevation: 1653

First Sales Date: 02/15/2017

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	658419		660723	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1257		685	SURFACE
PRODUCTION	7	26	P-110	7124		450	3800

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5366	0	590	7053	12419

Total Depth: 12419

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
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 04, 2017	MISSISSIPPI	175	30	1217	6954	4670	PUMPING	152	64/64	373

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPI

Code: 351MISS

Class: OIL

Spacing Orders

Order No	Unit Size
544327	640

Perforated Intervals

From	To
7481	12320

Acid Volumes

5,169 BARRELS 15% GELLED AND RET ACID, 821 BARRELS 15% HCL

Fracture Treatments

102,023 BARRELS SLICK WATER, 178,954 POUNDS ROCK SALT

Formation	Top
HEEBNER SHALE	4563
ENDICOTT	4634
TONKAWA	4949
AVANT	5204
COTTAGE GROVE	5237
HOGSHOOTER	5309
OSWEGO	5498
CHEROKEE	5619
MISSISSIPPI LIME	5773


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: 2 TWP: 26N RGE: 16W County: WOODS SE SW SW SW 101 FSL 620 FWL of 1/4 SEC Depth of Deviation: 7554 Radius of Turn: 1495 Direction: 179 Total Length: 5295 Measured Total Depth: 12419 True Vertical Depth: 6031 End Pt. Location From Release, Unit or Property Line: 101

FOR COMMISSION USE ONLY
Status: Accepted
1136176

 SIGNATURE		Chelce Rouse NAME (PRINT OR TYPE)		03/04/2017 DATE		918-947-4847 PHONE NUMBER	
321 South Boston, Suite 1000 Tulsa, OK 74103 ADDRESS CITY STATE ZIP				chelce.rouse@midstatespetroleum.com 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 2616

WELL NO. 1H-02 A

NAMES OF FORMATIONS	TOP
HEEBNER SHALE	4563
ENDICOTT	4634
TONKAWA	4949
AVANT	5204
COTTAGE GROVE	5237
HOGSHOOTER	5309
OSWEGO	5498
CHEROKEE	5619
MISSISSIPPI LIME	5773

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ITD on file ☐ YES ☐ NO

APPROVED _____ DISAPPROVED _____

2) Reject Codes _____

Were open hole logs run? ☐ yes ☒ no

Date Last log was run N/A

Was CO₂ encountered? ☐ yes ☒ no at what depths? _____

Was H₂S encountered? ☐ yes ☒ no at what depths? _____

Were unusual drilling circumstances encountered? ☐ yes ☒ 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

SEC	TWP	RGE	COUNTY
02	26N	16W	Woods
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn	Direction	Total Length
7,554'	1,495	179.40	5,295
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	
12,419'	6,031'	185 101	

LATERAL #2

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