

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.: 35151244950000

Completion Report

Spud Date: January 06, 2017

OTC Prod. Unit No.: 151-218372

Drilling Finished Date: January 19, 2017

1st Prod Date: February 10, 2017

Completion Date: February 08, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: BIRDSALL 2615 1H-11 B

Purchaser/Measurer: SEMGAS

Location: WOODS 11 26N 15W
NW NW NW NE
220 FNL 2450 FEL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1513

First Sales Date: 02/12/2017

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	659007		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	1045		605	SURFACE
PRODUCTION	7	26	P-110	6352		320	2700

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	4800	0	540	6054	10854

Total Depth: 10854

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 08, 2017	MISSISSIPPI LIME	47	34	2067	43978	1549	PUMPING	312	64/64	195

Completion and Test Data by Producing Formation			
Formation Name: MISSISSIPPI LIME		Code: 351MSSLM	Class: GAS
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
73247	640	6385	10755
Acid Volumes		Fracture Treatments	
4,607 BARRELS 15% GELLED AND RET ACID, 716 BARRELS 15% HCL		89,340 BARRELS SLICK WATER, 157,500 POUNDS ROCK SALT	

Formation	Top
HEEBNER SHALE	4484
TONKAWA	4788
AVANT	5119
COTTAGE GROVE	5157
HOGSHOOTER	5218
OSWEGO	5408
CHEROKEE	5534
MISSISSIPPI LIME	5729

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: 11 TWP: 26N RGE: 15W County: WOODS NW SE SE SW 602 FSL 2038 FWL of 1/4 SEC Depth of Deviation: 6633 Radius of Turn: 934 Direction: 182 Total Length: 4502 Measured Total Depth: 10854 True Vertical Depth: 5737 End Pt. Location From Release, Unit or Property Line: 602

FOR COMMISSION USE ONLY	
Status: Accepted	1136178

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 Birdsall 2615

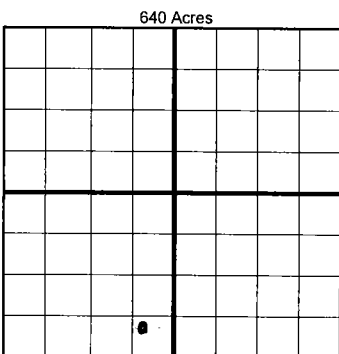
WELL NO. 1H-11 B

NAMES OF FORMATIONS	TOP
HEEBNER SHALE	4484
TONKAWA	4788
AVANT	5119
COTTAGE GROVE	5157
HOGSHOOTER	5218
OSWEGO	5408
CHEROKEE	5534
MISSISSIPPI LIME	5729

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	

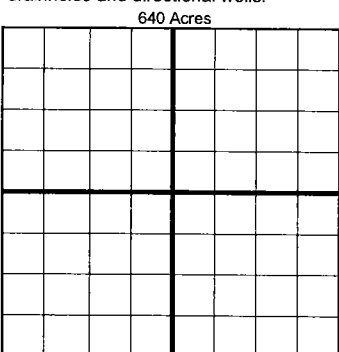
Other remarks:



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.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
11	26N	15W	Woods
Spot Location		Feet From 1/4 Sec Lines	
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)

Per Survey

SEC	TWP	RGE	COUNTY
11	26N	15W	Woods
Spot Location		Feet From 1/4 Sec Lines	
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
6,633		934	182.4
Measured Total Depth		True Vertical Depth	Total Length
10,854'		5,737'	4,502
BHL From Lease, Unit, or Property Line: <u>165 602</u>			

LATERAL #2

SEC	TWP	RGE	COUNTY
11	26N	15W	Woods
Spot Location		Feet From 1/4 Sec Lines	
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
Measured Total Depth		True Vertical Depth	Total Length
BHL From Lease, Unit, or Property Line:			

LATERAL #3

SEC	TWP	RGE	COUNTY
11	26N	15W	Woods
Spot Location		Feet From 1/4 Sec Lines	
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
Measured Total Depth		True Vertical Depth	Total Length
BHL From Lease, Unit, or Property Line:			

A: 218372 I 2/12/17

RECEIVED

Form 1002A
Rev. 2009

MAR 10 2017

OKLAHOMA CORPORATION
COMMISSION

1016EZ

API
NO. 151 24495
OTC PROD.
UNIT NO. 151 218372PLEASE 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

COMPLETION REPORT

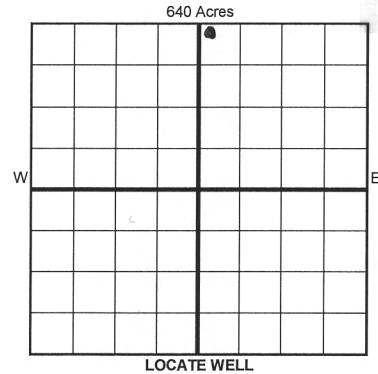
☒ ORIGINAL
☐ AMENDED (Reason)

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
SERVICE WELL

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

COUNTY Woods	SEC 11	TWP 26N	RGE 15W	SPUD DATE 01/06/2017
LEASE NAME Birdsall 2615	WELL NO. 1H-11 B	DRLG FINISHED DATE 01/19/2017		
NW 1/4 NW 1/4 NW 1/4 NE 1/4	1/4 SEC 220N	1/4 SEC 2450E	DATE OF WELL COMPLETION 02/08/2017	
ELEVATION N Derrick Ground 1513	Latitude (if known) 36.753639465N	1st PROD DATE 02/10/2017		
OPERATOR NAME Midstates Petroleum Company LLC	OTC/OCC OPERATOR NO. 23079	RECOMP DATE		
ADDRESS 321 South Boston, Suite 1000				
CITY Tulsa	STATE OK	ZIP 74103		



COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
<input type="checkbox"/> COMMINGLED
Application Date
LOCATION
EXCEPTION ORDER 659007 I.O.
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							
INTERMEDIATE	9-5/8	36#	J-55	1,045'		605	surface
PRODUCTION	7	26#	P-110	6,352'		320	2,700'
LINER	4.5	11.6#	P-110	6,054'	10,854'	540	4,800'
						TOTAL DEPTH	10,854'

 PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____
 PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Mississippi Lime								
SPACING & SPACING ORDER NUMBER	640/73247								
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas								
PERFORATED INTERVALS	6,385'-10,755'								
ACID/VOLUME	4607 bbls 15% gelled & ret acid	716 bbls 15% HCl							
FRACTURE TREATMENT (Fluids/Prop Amounts)	89,340 bbls slk wtr								
	157,500# rock salt								

Reported to
Prac Focus

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

Gas Purchaser/Measurer
First Sales DateSemGas
02/12/2017

INITIAL TEST DATA

INITIAL TEST DATE	03/08/2017								
OIL-BBL/DAY	47								
OIL-GRAVITY (API)	34								
GAS-MCF/DAY	2,067								
GAS-OIL RATIO CU FT/BBL	43,978								
WATER-BBL/DAY	1,549								
PUMPING OR FLOWING	Pumping								
INITIAL SHUT-IN PRESSURE	312								
CHOKE SIZE	64/64								
FLOW TUBING PRESSURE	195								

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.

03/08/2017 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

SCANNED

LR