Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

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 First Sales Date: 02/12/2017

NW NW NW NE 220 FNL 2450 FEL of 1/4 SEC

Derrick Elevation: 0 Ground Elevation: 1513

MIDSTATES PETROLEUM COMPANY LLC 23079 Operator:

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

Completion Type				
Х	Single Zone			
	Multiple Zone			
	Commingled			

Location Exception		
Order No		
659007		

Increased Density
Order No
There are no Increased Density records to display.

Casing and Cement							
Туре	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				
Туре	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					
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 08, 2017	MISSISSIPPI LIME	47	34	2067	43978	1549	PUMPING	312	64/64	195

March 29, 2017 1 of 2

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPI LIME

Code: 351MSSLM

Class: GAS

Spacing Orders				
Order No Unit Size				
73247 640				

Perforated Intervals				
From To				
6385	10755			

Acid Volumes

4,607 BARRELS 15% GELLED AND RET ACID, 716 BARRELS 15% HCL

Fracture Treatments

89,340 BARRELS SLICK WATER, 157,500 POUNDS ROCK SALT

Formation	Тор
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

1136178

Status: Accepted

March 29, 2017 2 of 2

Form 1002A Rev. 2009

chelce.rouse@midstatespetroleum.com

EMAIL ADDRESS

MAAD	1 A	2017

if recompletion or reentry. ORIGINAL AMENDED (Reason) if recompletion or reentry. Post Office Box 52000 OKlahoma City, Oklahoma 73152-2000 Rule 165:10-3-25 OKLAHON COMPLETION REPORT	AR 1	0 2 ORP	2017	,
If recompletion or reentry. OKlahoma City, Oklahoma 73152-2000 Rule 165:10-3-25 OKLAHOM Report COMPLETION REPORT TYPE OF DRILLING OPERATION STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE SERVICE WELL IT directional or horizontal, see reverse for bottom hole location. COUNTY Woods SEC 11 TWP 26N RGE 15W WELL NO. 1H-11 B Ist PROD DATE 02/10/2017			POR NC	
TYPE OF DRILLING OPERATION STRAIGHT HOLE DIRECTIONAL HOLE SERVICE WELL IT directional or horizontal, see reverse for bottom hole location. COUNTY Woods SEC 11 TWP 26N RGE 15W COMPLETION WELL NO. 1H-11 B 1st PROD DATE 02/10/2017				ΑΠ
SERVICE WELL	•			
Totrectional or horizontal, see reverse for bottom hole location. DATE 0.1/19/2017				Т
NO. 1H-11 B 1st PROD DATE 02/10/2017				1
NO. 1H-11 B 1st PROD DATE 02/10/2017	+	_	 -	+
NW 1/4 NW 1/4 NW 1/4 NE 1/4 1/4 SEC 220N 1/4 SEC 2450E RECOMP DATE		-	\vdash	_
	_		<u> </u>	╄
ELEVATIO Ground 1513 Latitude (if known) 36.753639465N Congitude (if known) -98.781596157W	\bot		ļ	ļ
PERATOR Midstates Petroleum Company LLC OTC/OCC OPERATOR NO. 23079			<u> </u>	$oxed{oxed}$
ADDRESS 321 South Boston, Suite 1000				L
STATE OK ZIP 7/103				
COMPLETION TYPE CASING & CEMENT (Form 1002C must be attached)	ATE WE	ELL		
✓ SINGLE ZONE TYPE SIZE WEIGHT GRADE FEET PSI	SAX	ТО	POF	СМТ
MULTIPLE ZONE Application Date CONDUCTOR				
COMMINGLED SURFACE -				
Application Date	 05	surf	ace	
NOREASED DENSITY N/A PRODUCTION 7 20# DATA 6.252	20	2,70		
DRDER NO. 19/A 1.00		4,80		
TOT	ΓAL	+ -	854'	
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE DEP PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE	PTH	10,0		
COMPLETION & TEST DATA BY PRODUCING FORMATION 351 MSSLM				
ORMATION Mississippi Lime	R	CDO	te	<u>d t</u>
PACING & SPACING ORDER NUMBER 640/73247	F	Fac	·Fi	9ei
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc				
6,385'-10,755' PERFORATED NTERVALS				
ACID/VOLUME 4607 bbls 15% gelled & ret acid 716 bbls 15% HCI	+			
89,340 bbls slk wtr				
RACTURE TREATMENT Fluids/Prop Amounts)				
157,500# rock salt				
Min Gas Allowable (165:10-17-7) Gas Purchaser/Measurer SemG	as			
X OR First Sales Date 02/12/2 NITIAL TEST DATA Oil Allowable (165:10-13-3) (165:10-13-3)	2017			
NITIAL TEST DATE 03/08/2017	<u> </u>			
03/06/2017 DIL-BBL/DAY 47				
DIL-GRAVITY (API) 34			—	—
			—	—
——————————————————————————————————————	-			—
VATER-BBL/DAY 1.549	-			—
	-			
UMPING OR FLOWING Pumping Pumping	-			
NITIAL SHUT-IN PRESSURE 312	_			
CHOKE SIZE 64/64				
FLOW TUBING PRESSURE 195				
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 auth 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	norized b	by my o owledge 3-947-	rganiz e and	belief.

321 South Boston, Suite 1000 Tulsa, OK 74103

CITY

STATE

ZIP

ADDRESS

PLEASE TYPE OR USE BLACK INK FORMATION RECORD Give formation names and tops, if available, or descriptions ar drilled through. Show intervals cored or drillstem tested.		LEASE NAME Birdsall 2615 WELL NO. 11	1-11 B
NAMES OF FORMATIONS	ТОР	FOR COMMISSION USE ONLY	
HEEBNER SHALE TONKAWA AVANT COTTAGE GROVE HOGSHOOTER OSWEGO CHEROKEE MISSISSIPPI LIME	4484 4788 5119 5157 5218 5408 5534 5729	Were open hole logs run? Date Last log was run Was CO ₂ encountered? Was H ₂ S encountered? Were unusual drilling circumstances encountered? ITD on file YES NO 2) Reject Codes Ino Date Last log was run N/A yes Ino at what depths? yes If yes, briefly explain below	no
Other remarks:			
640 Acres BOTTO	OM HOLE LOCATION FOR DI	RECTIONAL HOLE	

640 Acres							
├							
			0				

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.

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SEC 1	WP	RGE		COUNTY			
Spot Location	n /4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured To	tal Depth		True Vertical De		BHL From Lease, Unit, or Pro	operty Line:	'

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL	#1					Per Su	nvey
		RGE 1	5W	COUNTY	ods		2038
Spot Locati	9n 1/4825E	1/4 Si	1/4	OVV 1/4	Feet From 1/4 Sec Lines	FSL 165 602	FWL 1700
Depth of Deviation 6	3,633		Radius of Turn 9	34	Direction 182.4	Total Length 4,502	
Measured 1	Total Depth		True Vertical De	oth	BHL From Lease, Unit, or Pr	operty Line:	
	10,85	4'		5,737'		168 602	2

LATER/	AL #2						
SEC	TWP	RGE		COUNTY			
Spot Loc	cation						
L	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of			Radius of Turn		Direction	Total	•
Deviatio	n					Length	
Measure	d Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pro	operty Line:	
1							

SEC	TWP	RGE		COUNTY			.,
Spot Loc	cation 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	
Measure	d Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr	operty Line:	

A: 218372 I PLEASE TYPE OR USE BLACK INK ONLY 151 24495 NOTE: OKLAHOMA CORPORATION COMMISSION OTC PROD. 151 218372 MAR 1 0 2017 Attach copy of original 1002A Oil & Gas Conservation Division Post Office Box 52000 if recompletion or reentry. Oklahoma City, Oklahoma 73152-2000 OKLAHOMA CORPORATION 016EZ ✓ ORIGINAL Rule 165:10-3-25 AMENDED (Reason) **COMPLETION REPORT** TYPE OF DRILLING OPERATION 640 Acres SPUD DATE 01/06/2017 STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE DRLG FINISHED 01/19/2017 SERVICE WELL If directional or horizontal, see reverse for bottom hole location. DATE OF WELL 02/08/2017 COMPLETION COUNTY Woods SEC 11 TWP 26N RGE 15W WELL 1H-11 B LEASE NAME Birdsall 2615 1st PROD DATE 02/10/2017 OF 2450E OF 1/4 SEC 220N NW 1/4 NW 1/4 NW 1/4 NE RECOMP DATE ELEVATIO Longitude (if known) -98.781596157W Latitude (if known) 36.753639465N Ground 1513 N Derrick OPERATOR Midstates Petroleum Company LLC OTC/OCC OPERATOR NO. 23079 ADDRESS 321 South Boston, Suite 1000 CITY Tulsa STATE OK ZIP 74103 LOCATE WELL **COMPLETION TYPE** CASING & CEMENT (Form 1002C must be attached) SINGLE ZONE TYPE SIZE WEIGHT GRADE FEET PSI SAX TOP OF CMT MUI TIPLE ZONE CONDUCTOR Application Date COMMINGLED SURFACE Application Date EXCEPTION ORDER 659007
INCREASED DENSITY N/A INTERMEDIATE 9-5/8 36# surface J-55 1,045' 605 PRODUCTION P-110 | 6,352' 2,700' 7 26# ORDER NO 320 P-110 6,054' 10,854 4.5 11.6# 540 4,800' TOTAL BRAND & TYPE
BRAND & TYPE 10,854 PACKER @_ PLUG @ TYPE PLUG @ TYPE DEPTH PLUG @ TYPE PLUG @ TYPE COMPLETION & TEST DATA BY PRODUCING FORMATION - 351MSSLM FORMATION Mississippi Lime SPACING & SPACING 640/73247 ORDER NUMBER
CLASS: Oil, Gas, Dry, Inj, Gas Disp, Comm Disp, Svc 6,385'-10,755' PERFORATED INTERVALS 4607 bbls 15% gelled & ret acid $|716\ bbls\ 15\%\ HCI$ ACID/VOLUME 89,340 bbls slk wtr FRACTURE TREATMENT (Fluids/Prop Amounts) 157,500# rock salt Min Gas Allowable (165:10-17-7) Gas Purchaser/Measurer SemGas OR 02/12/2017 **INITIAL TEST DATA** Qil Allowable (165:10-13-3) 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

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 hier 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 by 100 more of the destruction of th Chelce Rouse SIGNATURE

321 South Boston, Suite 1000 Tulsa, OK 74103

64/64

ADDRESS

NAME (PRINT OR TYPE)

ZIP

STATE

DATE

PHONE NUMBER

chelce.rouse@midstatespetroleum.com

EMAIL ADDRESS



CHOKE SIZE

FLOW TUBING PRESSURE



CITY

Rev. 2009