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

Rule 165: 10-3-25

API No.: 35003232810000 **Completion Report** Spud Date: July 26, 2017

OTC Prod. Unit No.: 003-222302 Drilling Finished Date: August 06, 2017

1st Prod Date: September 18, 2017

Completion Date: September 16, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: RICHTER 2612 3H-11 B Purchaser/Measurer: SEMGAS

Location: ALFALFA 11 26N 12W First Sales Date: 09/23/2017

SW SE SW SE 265 FSL 1950 FEL of 1/4 SEC

Latitude: 36.739832058 Longitude: -98.246628274 Derrick Elevation: 0 Ground Elevation: 1291

Operator: MIDSTATES PETROLEUM CO LLC 23079

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

	Completion Type				
Х	Single Zone				
	Multiple Zone				
	Commingled				

Location Exception
Order No
667107

Increased Density
Order No
667106

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	H-40	289		335	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1271		530	SURFACE
PRODUCTION	7	26	P-110	6378		375	3213

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5215	0	570	6105	11320

Total Depth: 11320

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

November 07, 2017 1 of 2

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
Sep 26, 2017	MISSISSIPPIAN	121	35	1558	12876	1964	PUMPING	109	64/64	187

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders				
Order No	Unit Size			
598329	640			

Perforated Intervals			
From	То		
6431	11219		

Acid Volumes

4,592 BARRELS 15% GELLED AND RET ACID, 977 BARRELS 15% HCL

Fracture Treatments

90,270 BARRELS SLICK WATER, 348,442 POUNDS ROCK SALT

Formation	Тор
ENDICOTT	4192
AVANT	4856
CHECKERBOARD	4907
COTTAGE GROVE	5033
HOGSHOOTER	5090
BIG LIME	5218
OSWEGO	5249
CHEROKEE	5362
MISSISSIPPI LIME	5527

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: 12W County: ALFALFA

NW NE NE NW

165 FNL 1985 FWL of 1/4 SEC

Depth of Deviation: 7655 Radius of Turn: 2655 Direction: 359 Total Length: 4942

Measured Total Depth: 11320 True Vertical Depth: 5603 End Pt. Location From Release, Unit or Property Line: 165

FOR COMMISSION USE ONLY

1137805

Status: Accepted

November 07, 2017 2 of 2

Form 1002A Rev. 2009

ASE TYPE OR USE BLACK INK ONLY		Kincinia Mai
NOTE:	OKI AHOMA CORRORATION COMMISSION	

PLEA 003 23281 OTC PROD. 003 222302 HOMA CORPORATION COMMI: Oil & Gas Conservation Division OCT 1 0 2017 Attach copy of original 1002A Post Office Box 52000 if recompletion or reentry. Oklahoma City, Oklahoma 73152-2000 OKLAHOMA CORPORATION COMMISSION ✓ ORIGINAL Rule 165:10-3-25 AMENDED (Reason) **COMPLETION REPORT** TYPE OF DRILLING OPERATION 640 Acres SPUD DATE 07/26/2017 STRAIGHT HOLE DIRECTIONAL HOLE ▼ HORIZONTAL HOLE DRLG FINISHED 08/06/2017 SERVICE WELL If directional or horizontal, see reverse for bottom hole location. DATE OF WELL 09/16/2017 COUNTY Alflalfa SEC 11 TWP 26N RGE 12W LEASE WELL 3H-11 B Richter 2612 1st PROD DATE 09/18/2017 NAME OF 1/4 SEC 1950E FSL OF 1/4 SEC 265 SW 1/4 SE 1/4 SW 1/4 SE RECOMP DATE ELEVATIO Longitude (if known) -98.456628274 Latitude (if known) 36.739832058 Ground 1291 N Derrick OPERATOR Midstates Petroleum Company LLC OPERATOR NO. 23079 ADDRESS 321 South Boston, Suite 1000 сіт<mark>ч Tulsa</mark> STATE OK ZIP 74103 LOCATE WELL COMPLETION TYPE CASING & CEMENT (Form 1002C must be attached) SINGLE ZONE TYPE SIZE WEIGHT FEET TOP OF CMT GRADE PSI SAX MULTIPLE ZONE CONDUCTOR Application Date COMMINGLED SURFACE surface 13-3/8 48# H-40 289' 335 Application Date 667107 **E.U.** INTERMEDIATE 9-5/8 36# J-55 surface EXCEPTION ORDER INCREASED DENSITY 1,271' 530 PRODUCTION 7 26# P-110 6,378' 375 3,213' ORDER NO. LINER P-110 | 6,105' 11,320' 4.5 570 11.6# 6,105 TOTAL 11,320 PACKER @_ BRAND & TYPE PLUG @ TYPE PLUG @ DEPTH PACKER @_ BRAND & TYPE PLUG @ TYPE PLUG @ __ COMPLETION & TEST DATA BY PRODUCING FORMATION 359 1155 P FORMATION Mississippian SPACING & SPACING 640/598329 ORDER NUMBER CLASS: Oil, Gas, Dry, Inj, Oil Disp, Comm Disp, Svc 6,431'-11,219' PERFORATED INTERVALS ACID/VOLUME 4592 bbls 15% gelled & ret acid | 977 bbls 15% HCI 90,270 bbls slk wtr FRACTURE TREATMENT (Fluids/Prop Amounts) 348,442# rock salt Min Gas Allowable (165:10-17-7) Gas Purchaser/Measurer SemGas OR First Sales Date 09/23/2017 INITIAL TEST DATA Oil Allowable (165:10-13-3) INITIAL TEST DATE 09/26/2017 OIL-BBL/DAY 121 OIL-GRAVITY (API) 35 GAS-MCF/DAY 1,558 GAS-OIL RATIO CU FT/BBL 12,876 WATER-BBL/DAY 1,964 PUMPING OR FLOWING Pumping INITIAL SHUT-IN PRESSURE 109 64/64 FLOW TUBING PRESSURE d 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

epared 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 09/19/2017 918-947-4647 Chelce Rouse NAME (PRINT OR TYPE) PHONE NUMBER DATE 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.

NAMES OF FORMATIONS	TOP
ENDICOTT AVANT CHECKERBOARD COTTAGE GROVE HOGSHOOTER BIG LIME OSWEGO CHEROKEE MISSISSIPPI LIME	4,192 4,856 4,907 5,033 5,090 5,218 5,249 5,362 5,527

LEASE NAME Richter 2612	WELL NO. 3H-11 B
FOR COMM	IISSION USE ONLY
ITD on file YES NO	
APPROVED DISAPPROVED 2) Reje	ct Codes
Were open hole logs run?	<u> </u>
Date Last log was run N/A	
Was CO ₂ encountered?	at what depths?
Was H₂S encountered? yes ✓ no	at what depths?
Were unusual drilling circumstances encountered? If yes, briefly explain below	yesno

640 Acres								
			•	ŀ				
-+						_		
					<u> </u>		-	
							ĺ	
-								
-			-1			_	-	
1								

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 Locat	ion 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured	Total Depth		True Vertical De		BHL From Lease, Unit, or Pr	operty Line:	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1				LE: (LATERA	LS)	see 🛎	DVC
SEC 11		RGE	12W	COUNTY	falfa		
Spot Locati	on NE NE	1/4	NE 1/4	NW 1	Feet From 1/4 Sec Lines	FSL 165N	FWL 1985
Depth of - Deviation	7,655		Radius of Turn	2,655	Direction 359	Total Length 4,942	<u> </u>
Measured 1	otal Depth		True Vertical De	pth	BHL From Lease, Unit, or P	roperty Line:	
	11,32	0		5,603		165	

SEC	TWP	RGE		COUNTY			
Spot Loc	cation				E. 15 110	1501	F14.6
	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of			Radius of Turn		Direction	Total	
Deviation	n					Length	
Measure	d Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr		

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