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

Rule 165: 10-3-25

API No.: 35151245390000 **Completion Report** Spud Date: August 22, 2018

OTC Prod. Unit No.: 151-224303-0-0000 Drilling Finished Date: September 12, 2018

1st Prod Date: October 04, 2018

Completion Date: September 23, 2018

**Drill Type: HORIZONTAL HOLE** 

Min Gas Allowable: Yes

Well Name: ERMA LEE 2614 1-9-4XH Purchaser/Measurer: SEMGAS

Location: WOODS 9 26N 14W First Sales Date: 10/05/2018

NW SW SW SW 410 FSL 225 FWL of 1/4 SEC

Latitude: 36.740779653 Longitude: -98.719021357 Derrick Elevation: 0 Ground Elevation: 1460

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			
685677			

Increased Density					
Order No					
683698					
683699					

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	657		620	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1272		455	SURFACE
PRODUCTION	7	26	P-110	6432		370	3360

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	8566	0	1070	6004	14570

Total Depth: 14585

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** 

June 07, 2019 1 of 3

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
Oct 20, 2018	MISSISSIPPIAN & MISSISSIPPI LIME	98	26	701	7153	4042	PUMPING	140	64/64	223
Completion and Test Data by Producing Formation										
Formation Name: MISSISSIPPIAN				Code: 35	9MSSP	С	lass: OIL			
Spacing Orders				Perforated I	ntervals		$\neg$			

Spacing Orders				
Unit Size				
640				
MULTIUNIT				

Perforated Intervals				
From	То			
6472	10732			

Acid Volumes
2,269 BARRELS 15% GELLED AND RET ACID

Fracture Treatments	
83,378 BARRELS SLICK WATER	

Formation Name: MISSISSIPPI LIME

Code: 351MSSLM

Class: OIL

Spacing Orders				
Order No	Unit Size			
78764	640			
78190	640			
687997	MULTIUNIT			

Perforated Intervals							
From To							
10732	14484						

Acid Volumes
898 BARRELS 15% HCL

FRAC'D WITH MISSISSIPPIAN

Formation Name: MISSISSIPPIAN & MISSISSIPPI LIME

Code:

Class: OIL

Formation	Тор
ENDICOTT	4476
HASKELL	4752
TONKAWA	4810
AVANT	5107
COTTAGE GROVE	5138
HOGSHOOTER	5210
BIG LIME	5381
OSWEGO	5436
CHEROKEE	5544
MISSISSIPPI	5720

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

### Other Remarks

June 07, 2019 2 of 3

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

### **Lateral Holes**

Sec: 4 TWP: 26N RGE: 14W County: WOODS

SE SW NE NW

1484 FNL 1751 FWL of 1/4 SEC

Depth of Deviation: 6605 Radius of Turn: 1565 Direction: 7 Total Length: 8234

Measured Total Depth: 14585 True Vertical Depth: 5725 End Pt. Location From Release, Unit or Property Line: 1484

# FOR COMMISSION USE ONLY

1141190

Status: Accepted

June 07, 2019 3 of 3

OCT 2 6 2018

Form 1002A Rev. 2009

PLEASE TYPE OR USE BLACK INK ONLY 151 24539 NOTE: OTC PROD. 151 224303

✓ ORIGINAL AMENDED (Reason)

TYPE OF DRILLING OPERATION

STRAIGHT HOLE DIRECTIONAL HOLE

Attach copy of original 1002A if recompletion or reentry.

✓ HORIZONTAL HOLE

OKLAHOMA CORPORATION COMMISSION Oil & Gas Conservation Division Post Office Box 52000

Oklahoma City, Oklahoma 73152-20 Rule 165:10-3-25

SPUD DATE 08/22/2018

COMPLETION REPORT

000	OKLAHOMA CORPORATION COMMISSION										
					Acres						
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				620		su	rface				
				455		su	rface				
				370		3,36	60'				
14	,570'			107		6,00					
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<del></del>	-							-			
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	1										

DATE

EMAIL ADDRESS

chelce.rouse@midstatespetroleum.com

PHONE NUMBER

If directional or horizontal, see	reverse for bo	ttom !	hole location.				DATE	FINISHED	9/12/2	2018				-	⊢	+-+	+	
COUNTY Woods		SEC			RGE 14W			OF WELL 0						-	┡		$\perp$	
LEASE NAME Erma Lee 2				WELL 1-9-4	ŧхн	1st PF	ROD DATE 1	0/04/20	018				<u> </u>	<u> </u>		$\perp$		
NW 1/4 SW 1/4 SW	1/4 SW	1/4	FSL OF	10	WELL 1-9-4XH 1st PROD DATE 10/04/2018  FWL 0F 1/4 SEC 225 RECOMP DATE			- w			_	L		$\bot$				
ELEVATIO	und 1460				6.7407796		Longit	tude -98.7	190213	57								
OPERATOR Midstates I	Petroleun	1 Cc	nmpany	LLC		OTO	1000											
ADDRESS 321 South E						OPE	RATO	<sub>R NO.</sub> 2307										
CITY Tulsa		unto	1000		STATE OK			710.7	4400			•						
COMPLETION TYPE				CASI		T/F-	40		4103			h	ı	OCAT	EWE	LL		
X SINGLE ZONE				CASI	NG & CEMEN TYPE	T	IZE	WEIGHT	GRADE		FEET		PSI	Τε	SAX	TOP	OF CM	т
MULTIPLE ZONE Application Date	-			CONE	UCTOR	t					-			_				_
COMMINGLED Application Date				SURF	ACE	13.	-3/8	48#	J-55	657'				620		surfa	ace	_
LOCATION OPPER -682	312 6BS	567	171.0	INTER	RMEDIATE	+	5/8	36#	J-55	1,272'				455		surfa	-	7
INCREASED DENSITY Sec	1-683698/Se	c9-6	83699	PROD	UCTION	7		26#		6,432'				370		3,360		_
ONDEN NO.	F.O.			LINER		4.5	5	11.6#	P-110	6,004'	14,	570'		107		6,003		_
PACKER @BRA	ND & TYPE			PLUG			TYPE		PI IIC @		TVDE			TOTAL		14,58		-
PACKER @BRA	ND & TYPE _			 PLUG	@		TYPE		PLUG @		TYPE			DEPTH		L		_
FORMATION (66.4)									M55	LM								
SPACING & SPACING	Mississip		_		issippi Lime		45	e4)		10.					K	epon	cd	1
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj,	640/7876	4,78	3190	804	77,607240	(64	0)	68	7997	(Mult	iunit	2				Fra	cF	20
Disp, Comm Disp, Svc	Oil			-	011				_									
PERFORATED	6,472'-14	<del>,484</del>	-10,732	10	732-14	48	4								-			
INTERVALS								-	-						-			_
ACID/VOLUME	2260 bblo 15	'0/ aal	llad 9 ast said	1 000 1					_						-			_
				898 1	bbls 15% H	CI												
FRACTURE TREATMENT	83,378 bb	ols s	lk wtr	-		-									-			_
(Fluids/Prop Amounts)				-		-			_									_
		-	Min Gas Allo	owablo	(165:	10.17	7)				_					-		_
	х	- [	OR		(165:	10-17-	′)			urchaser/N Sales Date	<i>l</i> leasurer			nGas 05/20	_			_
INITIAL TEST DATA		3-	Oil Allowabl	e	(165:10-13-3)				,					70720				_
INITIAL TEST DATE	10/20/20	18																
OIL-BBL/DAY	98								ШШ			Ш						
OIL-GRAVITY ( API)	26							Sarahas a tenana - ta	Applications of the second		Marie Control							
GAS-MCF/DAY	701							AS	GI	IR	MI		FII					
GAS-OIL RATIO CU FT/BBL	7,153								Name and Address of the Owner, where the Owner, which the	AND STREET	Park Park	1773 (6.87				-		
WATER-BBL/DAY	4,042							ППП						$\Pi^{\dagger}$				_
PUMPING OR FLOWING	Pumping	)					-			1111								_
INITIAL SHUT-IN PRESSURE	140													$\dashv$			-	-
CHOKE SIZE	64/64					$\dashv$			+							-		_
FLOW TUBING PRESSURE	223			+		$\dashv$												_

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 his 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.

10/15/2018 918-947-4647

ZIP

NAME (PRINT OR TYPE)

STATE

Chelce Rouse

CITY

SIGNATURE

ADDRESS

321 South Boston, Suite 1000 Tulsa, OK 74103

## PLEASE TYPE OR USE BLACK INK ONLY

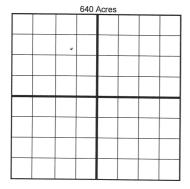
FORMATION RECORD
Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested LEASE NAME Erma Lee 2614

diffed through. Show intervals cored or drillstem tested.	
NAMES OF FORMATIONS	TOP
ENDICOTT HASKELL TONKAWA AVANT COTTAGE GROVE HOGSHOOTER BIG LIME OSWEGO CHEROKEE MISSISSIPPI	4,476 4,752 4,810 5,107 5,138 5,210 5,381 5,436 5,544 5,720
Other remarks:	

		FOI	R COMMISSIO	N USE ONLY
ITD on file APPROVED	YES DISAPPI	NO ROVED	2) Reject Cod	les
·				
Were open hole	a logo run?	yes	<b>√</b>	
Date Last log w	as run	N/A yes	no at	what depths?
Was H <sub>2</sub> S enco Were unusual o If yes, briefly ex	drilling circumstan	yes encountered		what depths?

WELL NO. 1-9-4XH

Other remarks:			
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.

arann	draininoles and directional wells.											
	640 Acres											
				-								
1 1												
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### BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE		COUNTY			<u> </u>	
Spot Locati	on 1/4	1/4	1/4	1	/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured T	otal Depth		True Vertical De			BHL From Lease, Unit, or Proper	rty Line:	L

## BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

Exhibit LE+MU LATERAL #1 RGE 14W COUNTYWoods SEC 04 TWP 26N FN4484 Spot Location

Depth of 1/4 ME SW

Depth of 6,605

Measured Total Depth Feet From 1/4 Sec Lines 1/4 NE 1/4 NW FWL-2000 F8L 165N Radius of Turn 1,565 Direction Total Length
BHL From Lease, Unit, or Property Line: Length 8,234 True Vertical Depth 14,585 185 5,725

LATERA	AL #2						
SEC	TWP	RGE		COUNTY			
Spot Lo	cation						
	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of			Radius of Turn		Direction	Total	
Deviatio						Length	
Measure	ed Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr	operty Line:	
ŀ							

LATERAL	. #3						
SEC	TWP	RGE		COUNTY			
Spot Loca	tion						
Opor Lood	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of			Radius of Turn		Direction	Total	
Deviation						Length	
Measured	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pro	perty Line:	