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

Rule 165: 10-3-25

API No.: 35151245140000 **Completion Report** Spud Date: October 12, 2017

OTC Prod. Unit No.: 151-222876 Drilling Finished Date: October 23, 2017

1st Prod Date: January 21, 2018

Completion Date: January 20, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

First Sales Date: 01/21/2018

Well Name: THAD 2513 3H-34 D Purchaser/Measurer: SEMGAS

Location: WOODS 34 25N 13W

NE NW NW NE 250 FNL 2047 FEL of 1/4 SEC

Latitude: 36.608013105 Longitude: -98.583076941 Derrick Elevation: 0 Ground Elevation: 1369

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
671266

Increased Density
Order No
670191

Casing and Cement								
Type Size Weight Grade Feet PSI SAX Top of CMT								
SURFACE	9 5/8	36	J-55	1270		580	SURFACE	
PRODUCTION	7	26	P-110	7150		460	2955	

Liner									
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth	
LINER	4.5	11.6	P-110	5038	0	560	6994	12032	

Total Depth: 12032

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

March 22, 2018 1 of 2

Test Da	e 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
Jan 30, 2	18 MISSISSIPPI LIME	358	32	1199	3349	1474	PUMPING	69	64/64	210

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPI LIME

Code: 351MSSLM

Class: OIL

Spacing Orders					
Order No Unit Size					
131862	640				

Perforated Intervals					
From To					
7195	11932				

Acid Volumes

508 BARRELS 15% HCL

Fracture Treatments
260,473 BARRELS SLICK WATER, 7,247,430 POUNDS
40/70 WHITE SAND

Formation	Тор
ENDICOTT	4568
HASKELL	4960
TONKAWA	5024
AVANT	5268
COTTAGE GROVE	5351
HOGSHOOTER	5446
BIG LIME	5644
OSWEGO	5674
CHEROKEE	5778
MISSISSIPPI LIME	6040

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 ISSUED.

Lateral Holes

Sec: 34 TWP: 25N RGE: 13W County: WOODS

SE SW SE SE

208 FSL 676 FEL of 1/4 SEC

Depth of Deviation: 7373 Radius of Turn: 1659 Direction: 179 Total Length: 4882

Measured Total Depth: 12032 True Vertical Depth: 6228 End Pt. Location From Release, Unit or Property Line: 208

FOR COMMISSION USE ONLY

1138814

Status: Accepted

March 22, 2018 2 of 2

Form 1002A Rev. 2009

API NO. 151 24514 OTC PROD. UNIT NO. 151-222876 PLEASE 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

ORIGINAL AMENDED (Reason)				CO	Rule 165:10-3-25 MPLETION REPORT			
TYPE OF DRILLING OPERATION STRAIGHT HOLE DIRECTION SERVICE WELL If directional or horizontal, see reverse for by	DRLG FINISHED	10/12/2017 10/23/2017						
COUNTY Woods	DATE OF WELL 01/20/2018							
NAME Thad 2513	1st PROD DATE 01/21/2018							
NE 1/4 NW 1/4 NW 1/4 NE	1/4 SEC	250N	FWL OF 1/4 SEC 2047E	RECOMP DATE				
ELEVATIO N Derrick Ground 1369			6.608013105	Longitude (if known) -98.583076941				
OPERATOR Midstates Petroleum Company LLC OPERATOR NO. 23079								
ADDRESS 321 South Boston, Suite 1000								
^{CITY} Tulsa		STATE OK	74103					

FEB 0 2 2018

OKLAHOMA CORPORATION COMMISSION

		640	Acres			
			•	A.		
W						
					-1	

NE 1/4 NW 1/4 NW	1/4 NE 1/4 SEC	250N	FWL OF 1/4 SEC 20	47E	RECC	MP DATE			W			++		
ELEVATIO Grou N Derrick	ind 1369 Latitude ((if known) 36				ude wn) -98.58	330769	941						
^{OPERATOR} Midstates F	Petroleum Compan	v LLC		OTO	1000	_{R NO.} 2307						\perp		_
ADDRESS 321 South B		,		JUPE	RATO	R NO. — • •								
^{CITY} Tulsa			STATE OK	,		7IP 7	4103							
COMPLETION TYPE					rm 10	02C must be		n			1	LOCATE	WELL	
✓ SINGLE ZONE		CASII	TYPE		IZE	WEIGHT	GRADE		FEET	T	PSI	SAX	TOP	OF CM1
MULTIPLE ZONE Application Date		COND	JCTOR	+						_				
COMMINGLED		SURFA	ACE (
Application Date LOCATION EXCEPTION ORDER LINCREASED DENSITY	66	INTER	MEDIATE	1/9	-5/8	36#	J-55	1,270'				580	surf	ace
110 NEAGED DE 110111 670	191	PRODI	JCTION	7		26#		7,150'				460	2,955	
ORDER NO. 070		LINER		4.5		11.6#		6,994'	12,03	32'		560	6,996	
DACKED @ DDAI	ND 6 TVDE	- FLUO				L						TOTAL	12,03	
PACKER @ BRAI PACKER @ BRAI		PLUG PLUG			TYPE		PLUG @ PLUG @	-	TYPE TYPE			DEPTH	12,00	
COMPLETION & TEST DAT	A BY PRODUCING FORM	IATION	3511	115	Sh	m								
FORMATION	Mississippi Lime											j	Report	ted
SPACING & SPACING ORDER NUMBER	640/131862											1		ec Fe
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil													
PERFORATED INTERVALS	7,195'-11,932'							15 P						
	124													
ACID/VOLUME	508 bbls 15% HCI					-								
	260,473 bbls slk wtr													
FRACTURE TREATMENT (Fluids/Prop Amounts)														
. ,	7,247,430# 40/70 white sa	and												
	Min Gas	Allowable	(16	5:10-17-	-7)		Gas F	Purchaser/I	Measurer		Ser	mGas		
		OR					First	Sales Date			-	21/2018	3	
NITIAL TEST DATA	Oil Allow	able	(165:10-13-3)										-/
NITIAL TEST DATE	01/30/2018										-			
OIL-BBL/DAY	358													
OIL-GRAVITY (API)	32			,,,,	///	//////	/////	/////	/////		<u>/</u>			
GAS-MCF/DAY	1,199					SU					/			
GAS-OIL RATIO CU FT/BBL	3,349			M	n	CII	DA	HT	TFI		/			
WATER-BBL/DAY	1,474		3			20								
PUMPING OR FLOWING	Pumping					,,,,,,,,	11111	/////			1			÷5
NITIAL SHUT-IN PRESSURE	69		//							////	/			
CHOKE SIZE	64/64									V?				
FLOW TUBING PRESSURE	210				-	-	_							
A record of the formations drill														

A record of the formations drilled through, and pertinent remark	s are presented on the reverse. I declare that I have knowledge of the contents	of this report and am author	rized by my organization
to make this report, which was prepared by me or under my sup	ervision and direction, with the data and facts stated herein to be true, correct, a	nd complete to the best of r	ny knowledge and belief.
		01/30/2018	918-947-4647
1 millionse	Chelce Rouse	01/00/2010	
SIGNATURE	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

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.

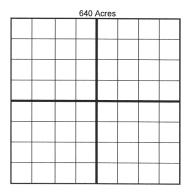
drilled through. Show intervals cored or drillstern tested.	
NAMES OF FORMATIONS	TOP
ENDICOTT HASKELL TONKAWA AVANT COTTAGE GROVE HOGSHOOTER BIG LIME OSWEGO CHEROKEE MISSISSIPPI LIME	4,568 4,960 5,024 5,268 5,351 5,446 5,674 5,674 5,778 6,040

	FOR COMMISSION USE ONLY	
ITD on file YES	NO	
APPROVED DISAPPROVE	2) Reject Codes	
Were open hole logs run?	yes no	
Date Last log was run	N/A	
Was CO ₂ encountered?	yes no at what depths?	
Was H₂S encountered?	yes no at what depths?	
Were unusual drilling circumstances e If yes, briefly explain below	ncountered?	yesno

WELL NO. 3H-34 D

	4		
Other remarks:			

LEASE NAME Thad 2513



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	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured Total De	pth	True Vertical De	pth	BHL From Lease, Unit, or Prop	erty Line:	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL							
SEC 34	TWP 25N	RGE	13W	COUNTY Wo	ods		
Spot Locati	on 82 SW	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL 208	€₩L676E
Depth of - Deviation	7,373		Radius of Turn 1	,659	Direction 179.3	Total Length 4,882	
Measured 7	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr	operty Line:	
	12,03	2'		6,228		208	

SEC	TWP	RGE		COUNTY			
Spot Location	on 1/4	1/4	1/4	1/	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation			Radius of Turn		Direction	Total Length	
Measured T	otal Depth		True Vertical De	pth	BHL From Lease, Unit, or I	Property Line:	

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	
Measure	d Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr	operty Line:	