# Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

OTC Prod. Unit No.: Drilling Finished Date: May 07, 2016

1st Prod Date:

First Sales Date:

Completion Date: June 08, 2016

Drill Type: STRAIGHT HOLE

**SERVICE WELL** 

Well Name: LANCASTER 2514 1-17 INJ Purchaser/Measurer:

Location: WOODS 17 25N 14W

NW NW NW NW 200 FNL 200 FWL of 1/4 SEC

Derrick Elevation: 0 Ground Elevation: 1503

Operator: MIDSTATES PETROLEUM COMPANY LLC 23079

321 S BOSTON AVE STE 600 TULSA, OK 74103-3322

Completion Type									
	Single Zone								
	Multiple Zone								
	Commingled								

Location Exception								
Order No								
There are no Location Exception records to display.								

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	1169	150	555	SURFACE						
PRODUCTION	7	26	P-110	6159	500	340	3370						

Liner												
Туре	Size Weight Grade Length PSI SAX Top							Bottom Depth				
LINER	4.5	11.6	P-110	1428	700	210	6042	7470				

Total Depth: 7475

Packer								
Depth	Brand & Type							
5006	TENSION							
6041	TENSION							

Plug								
Depth	Plug Type							
7175	CIBP							

Initial Test Data

August 08, 2016 1 of 4

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
·			There are r	o Initial Data	a records to disp	lay.	•					
		Cor	npletion and	Test Data b	y Producing F	ormation						
	Formation Name: TO	ONKAWA		Code: 40	6TNKW	C	class: DISP					
	Spacing Orders				Perforated In	ntervals						
Orde	r No	Unit Size		Fron	n	7	Го					
There are	e no Spacing Order rec	ords to display.		5056	5	5′	170					
	Acid Volumes				Fracture Trea	atments						
300 BA	RRELS 15% NE/FE, 8 PRODUCETION WA		T	here are no	Fracture Treatn	nents record	s to display.					
	Formation Name: M		Code: 35	1MISSU	C	class: DISP						
	Spacing Orders	i			Perforated In							
Orde	r No	Unit Size		Fron	n	7	То					
There are	e no Spacing Order rec	ords to display.		6648	3							
	Acid Volumes				Fracture Trea	7						
300 BARRELS	15% NE/FE, 850 BAR WATER	RELS PRODUC	TION T	here are no								
	Formation Name: M	SS LOW		Code: 35	1MISSL	C	class: DISP					
	Spacing Orders	i			Perforated In	ntervals						
Orde	r No	Unit Size		From To								
There are	e no Spacing Order rec	ords to display.		6735 6776								
	Acid Volumes		$\neg$ $\vdash$		Fracture Trea							
300 BARRELS 15% NE/FE, 850 BARRELS PRODUCTION WATER				here are no	$\dashv$							

August 08, 2016 2 of 4

Formation Name: HUNTON Code: 269HNTN Class: DISP **Spacing Orders Perforated Intervals** То **Order No Unit Size** From There are no Spacing Order records to display. 6961 6969 **Acid Volumes Fracture Treatments** 300 BARRELS 15% NE/FE, 850 BARRELS PRODUCTION There are no Fracture Treatments records to display. WATER Formation Name: WILCOX Code: 202WLCX Class: DRY

Spacing Orders

Order No Unit Size

There are no Spacing Order records to display.

Perforated Intervals

From To

7277 7386

Acid Volumes
200 BARRELS 15% NE/FE, 935 BARRELS PRODUCTION

WATER

Fracture Treatments

There are no Fracture Treatments records to display.

Formation	Тор
HASKELL LIME	5017
TONKAWA	5056
AVANT	5389
COTTAGE GROVE	5474
HOGSHOOTER	5615
BIG LIME	5705
OSWEGO	5726
CHEROKEE	5846
MISSISSIPPIAN	6007
ST GENEVIEVE TOP	6167
ST GENEVIEVE BASE	6395
OSAGEAN	6418
WOODFORD	6898
HUNTON	6961
SYLVAN SHALE	6968
VIOLA	7067
SIMPSON	7373
SIMPSON BASE	7469
ARBUCKLE	7532

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

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

August 08, 2016 3 of 4

OCC - THIS WELL IS A MULTI-ZONE INJECTOR. AFTER INITIAL TESTING, A HALLIBURTON CIBP WAS SET ABOVE THE WILCOX AT 7,175' TO ISOLATE AND REMOVE THE WILCOX SAND FROM INJECTION. ADDITIONALLY, THE TONKAWA, MISSISSIPPIAN, AND HUNTON WERE ACIDIZED AS A UNIT DURING THE SAME 300 BARRELS 15% NE/FE ACID STIMULATION. UIC PERMIT NUMBER 1506810047

## FOR COMMISSION USE ONLY

1134009

Status: Accepted

August 08, 2016 4 of 4

# RECEIVED

	02	
API NO. 151 24405	PLEASE TYPE OR USE BLACK INK ONLY NOTE:	OKLAHOMA CORPORATION COMMISSION
OTC PROD. N/A	Attach copy of original 1002A	Oil & Gas Conservation Division Post Office Box 52000

Form 1002A Rev. 2009

ON	OK			L 2	_			ON	
	ON	ILAI	CC	MM	ISS	ION	RATI	IUN	
				640 /	Acres				_
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			L	OCATI	E WEL	L.			

UNIT NO. N/A  ORIGINAL AMENDED (Reason)	Attach copy of original 1002A if recompletion or reentry.							Oli & Cas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165:10-3-25						OKLAHOMA CORPORATION COMMISSION									
						<del> </del>	_	COMPLETION REPORT															
TYPE OF DRILLING OPERAT		CTIONAL HO	DLE .	H	ORIZO	ONTAL HOLE	:	SPUD DATE 04/22/2016								640	Acres	т т					
✓ SERVICE WELL	SERVICE WELL  If directional or horizontal, see reverse for bottom hole location.							DRLG	FINISHED			2016	1	X		$\perp$	┖						
COUNTY Woods SEC 17 TWP 25N RGE 14W									OF WELL				1				ľ						
								COM		06/0	3/2	016	<u> </u>										
							1st PF	ROD DATE	N/A			ļ <u>"</u>			+	$\vdash$			-				
NW 1/4 NW 1/4 NW 1/4 NW 1/4 Fec 200N FWL OF 200								OMP DATE				W	<del> </del>		+	╆	$\vdash$		_				
IN DOLLICK	ind 150	03	Latitude	(if knowr	n) 36	5° 39' 7.2	2" N	Longit	tude 98° 4	44' 1:	3.7	" W		-		+-	<u> </u>						
OPERATOR Midstates F	Petrol	leum Co	mpar	ny LL(			$T_{\Delta T \Delta}$	1000	<sub>R NO.</sub> 230					<u> </u>		┿	┡	$\sqcup$					
ADDRESS 321 South E							101 -	IVATO	1110.				1				<u> </u>						
CITY Tulsa					5	STATE OK			7IP 7	74103			1										
COMPLETION TYPE							T (Fo	10					]			LOCAT	EWE	TE WELL					
SINGLE ZONE				ΙĞ		G & CEMEN TYPE	$\overline{}$	rm Tui IZE	WEIGHT	GR/	_		FEET	-	PSI	T 5	SAX	TOF	OF CM	т			
MULTIPLE ZONE Application Date	;- ·			C		CTOR	H			+					, 0,	+			01 011	<u>.                                    </u>			
COMMINGLED				¦ ⊢	JRFA		-									+-		_					
Application Date  LOCATION N/A				-		EDIATE	Ya	-5/8	36#	1.5	-	4 400			450					_			
EXCEPTION ORDER N/A INCREASED DENSITY N/A				l ⊢			7	-5/0		J-5		1,169'			150	555		surfa					
ORDER NO.				' <b>├</b> -					26#			6,159'	-747	Л	500	340		3,37		_			
5.000		_		ہا			4.5		11.6# CF13/	_	10	0,042	-/4/		700	210 TOTAI		1,39		_			
		/PE Tensio			.UG@ .UG@	7,175	5'		Tension	_PLUG			TYPE			DEPTI		7,47	5'	_			
COMPLETION & TEST DAT							V 2	TYPE	MISSE	_PLUG			TYPE	200	RHNI	TN/	-21	22 v	VLC	S.			
FORMATION	Tonk					Mississip	~		er Mississ				-	Wild		17			Fra				
SPACING & SPACING ORDER NUMBER	N/A			N.	/A			N/A			l/A		_	N/A				NU	ria	۲			
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Dispo	osal			Dispo	sal		Disc	osal	-		oosal		├──	oosal i	Dry	,			$\exists$			
	5,056	5'-5,170'						6,735'-6,776'			6,961-6,969		)'	7,277'-7,386'						Ⅎ			
PERFORATED INTERVALS					,	-,	-	3,700 3,770		+	,	,	- 1,2		,217 7,000		-			Ⅎ			
																				-			
ACID/VOLUME	300 1	bbls 15%	NF/F		- Fr	05.			<del></del>	-+		_	_	600 H	bls 15%	NE/EE	N	anl.	,	-			
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FRACTURE TREATMENT	030 L	obis prod	water	4	/י	11192 11				_	<del> </del>		9351	obls prod	water	1		$\dashv$					
(Fluids/Prop Amounts)	<u> </u>						-													$\dashv$			
	<u></u> -	_	Min Gas	Allowab OR	ole	(165:	10-17-	7)	<del></del>			urchaser/ Sales Date			N/					니 _			
NITIAL TEST DATA		_	Oil Allow	able	(1	65:10-13-3)				•		Juico Buto			<u>N/</u>					_			
NITIAL TEST DATE	N/A	Disp We	ell																	٦			
OIL-BBL/DAY						-	Ì									$\neg$			•	٦			
OIL-GRAVITY ( API)											//	////	1111	///	///,	$\neg$				ㅓ			
GAS-MCF/DAY						/						////			4/-	$\rightarrow$			-	$\dashv$			
GAS-OIL RATIO CU FT/BBL						<del></del> /						MI		n:		-				$\dashv$			
WATER-BBL/DAY				+-		<u> </u>	ľ	12	SI	UĽ					V-	$\dashv$				$\dashv$			
PUMPING OR FLOWING				-		<del></del> 3	Ļ		,,,,,,	777	,	/////	7////	///	7//-					$\dashv$			
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NITIAL SHUT-IN PRESSURE							///	///												╝			
CHOKE SIZE				$\perp$																$\rfloor$			
LOW TUBING PRESSURE																				╛			
A record of the formations drill to make this report, which was	ed throu	igh, and pert	inent rem	narks are	prese	ented on the	evers	e. I dec	clare that I ha	ave kno	wled	ge of the c	ontents of	this rep	ort and an	authori	ized by	y my orç	janizatio	n			

AS SUBMITTED
AND BODWILLED

1	A record of the formatione drilled through, and pertinent remarks to make this report, which was prepared by me or under my superior make the control of the	s are presented on the	e reverse. I decl	are that I have k	nowledge of the contents of	of this report and am aut	horized by my organization
٧	In Horas	Chelce Rouse		ia iasio siatoa iii	order to be true, correct, arr	06/10/2016	918-947-4647
ı	SIGNATURE		NAME (PRINT	OR TYPE)		DATE	PHONE NUMBER
	321 South Boston, Suite 1000 Tulsa,	OK 74103			chelce.rouse@	midstatespetrole	eum.com
Į	ADDRESS	CITY	STATE	ZiP		EMAIL ADDRES	SS

#### PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD

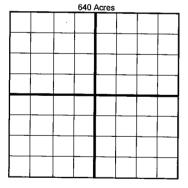
Give formation	names and tops, if	available, or	descriptions and	thickness of	formations
drilled through.	Show intervals cor	red or drillste	m tested.		

NAMES OF FORMATIONS	ТОР
HASKELL LIME TONKAWA AVANT COTTAGE GROVE HOGSHOOTER BIG LIME OSWEGO CHEROKEE MISSISSIPPIAN ST GEN TOP ST GEN BASE OSAGEAN WOODFORD HUNTON SYLVAN SHALE VIOLA SIMPSON SIMPSON SIMPSON BASE ARBUCKLE	5,017 5,056 5,389 5,474 5,615 5,705 5,726 5,846 6,007 6,167 6,395 6,418 6,898 6,961 6,968 7,067 7,373 7,469 7,532
Other remarks:	

LEASE NAME Lancaster 2514	WELL NO. <u>1-17 SWD</u>
FO	R COMMISSION USE ONLY
ITD on file YES NO APPROVED DISAPPROVED	2) Reject Codes
Were open hole logs run?yes	no
Date Last log was run $N/A$ Was $CO_2$ encountered? $V$ yes $V$ was $V$ was $V$ yes $V$ were unusual drilling circumstances encountered $V$ yes, briefly explain below	no at what depths?  no at what depths?  d?  yes  no

OCC - This well is a multi-zone injector. After initial testing, a Halliburton CIBP was set above the Wilcox at 7,175' to isolate and remove the Wilcox sand from injection. Additionally, the Tonkawa, Mississippian, and Hunton were acidized as a unit during the same 300bbl 15% NE/FE acid stimulation.

UIC Permit # 1606810047



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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### 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 I	Depth	True Vertical De		BHL From Lease, Unit, or Prop	perty Line:	
				Ì		

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

LATERAL #1 TWP RGE COUNTY Spot Location Feet From 1/4 Sec Lines FSL FWL 1/4 Depth of Radius of Turn Direction Total Deviation Length Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line:

SEC	TWP	RGE	COUN	ITY			
Spot Loc	ation 1/4	1/4	1/4	414	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation			Radius of Turn		Direction	Total	
	d Total Depth		True Vertical Depth		BHL From Lease, Unit, or Pro	Length operty Line:	

SEC	TWP	RGE		COUNTY			
Spot Loca	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	Total Depth	•	True Vertical De	pth	BHL From Lease, Unit, or Pro		