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

Rule 165: 10-3-25

API No.: 35003232870000 **Completion Report** Spud Date: September 10, 2017

OTC Prod. Unit No.: 003-223127 Drilling Finished Date: September 22, 2017

1st Prod Date: March 10, 2018

Completion Date: March 09, 2018

**Drill Type: HORIZONTAL HOLE** 

Min Gas Allowable: Yes

First Sales Date: 03/10/2018

Well Name: ARUBA 2412 2H-10 D Purchaser/Measurer: SEMGAS

Location: ALFALFA 15 24N 12W

NE NW NW NE 225 FNL 2042 FEL of 1/4 SEC

Latitude: 36.563846113 Longitude: -98.469032375

Derrick Elevation: 0 Ground Elevation: 1319

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
668426

Increased Density	
Order No	
668550	

Casing and Cement										
Type Size		Weight	Grade Feet		PSI	SAX	Top of CMT			
SURFACE	13 3/8	48	J-55	500		410	SURFACE			
INTERMEDIATE	9 5/8	36	J-55	1300		495	SURFACE			
PRODUCTION	7	26	P-110	7221		440	3514			

Liner									
Туре	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth		
LINER	4.5	11.6	P-110	5196	0	570	6910	12106	

Total Depth: 12106

Packer					
Depth	Brand & Type				
There are no Packer records to display.					

PI	ug
Depth	Plug Type
There are no Plug	records to display.

**Initial Test Data** 

May 25, 2018 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
Mar 14, 2018	MISSISSIPPIAN	60	30	340	5666	2541	PUMPING	200	64/64	146

## **Completion and Test Data by Producing Formation**

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing	) Orders
Order No	Unit Size
662327	640

Perforated	i Intervals
From	То
7251	12024

Acid Volumes 6,822 BARRELS 15% HCL

Fracture Treatments
256,630 BARRELS SLICK WATER

Formation	Тор
ENDICOTT	4612
HASKELL	4979
TONKAWA	5039
AVANT	5377
COTTAGE GROVE	5419
HOGSHOOTER	5563
BIG LIME	5798
OSWEGO	5820
CHEROKEE	5954
MISSISSIPPI	6281

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: 10 TWP: 24N RGE: 12W County: ALFALFA

NE NW NE NE

217 FNL 668 FEL of 1/4 SEC

Depth of Deviation: 7280 Radius of Turn: 1384 Direction: 1 Total Length: 4885

Measured Total Depth: 12106 True Vertical Depth: 6266 End Pt. Location From Release, Unit or Property Line: 217

# FOR COMMISSION USE ONLY

1139079

Status: Accepted

May 25, 2018 2 of 2

Form 1002A Rev. 2009

OTC PROD. 003 223127  Attach copy of c if recompletion  ORIGINAL AMENDED (Reason)				OKLAHOMA CORPORATION COMMISSION Oil & Gas Conservation Division Post Office Box 52000								ION				
TYPE OF DRILLING OPERAT					-					1			040 *			
	DIRECTIONAL H	DLE 🗸	HOR	ZONTAL HOLE	•	SPUE	DATE 09	/10/2	017				640 A	ores •		$\neg$
If directional or horizontal, see	reverse for bottom	nole location	-			DATE	FINISHED 0	9/22/2	2017			+	+ 1	+	+	$\dashv$
COUNTY Alfalfa	SEC	15 ™	VP 24N	RGE 12W		DATE COMI	OF WELL 0	3/09/2	018		$\vdash$	_				_
NAME Aruba 2412				WELL 2H-1	0 D	1st Pf	ROD DATE (							_	+	_
NE 1/4 NW 1/4 NW	1/4 NE 1/4	1/4 SEC 2/	25N	OF 204	42E	1	OMP DATE			\	<b>/</b>		+			E
ELEVATIO				6.563846		Longit	tude wn) -98.46	 590323	375							_
OPERATOR Midstates I					I O T O	1000			0							
ADDRESS 321 South E			LLO		JOPE	RATO	<sub>R NO.</sub> 2307	<del>-</del>		-			] ]			
	Josion, Suite	1000		07475 014												
CITY Tulsa				STATE OK				4103					LOCATE	WELL		
SINGLE ZONE	-		CASI	NG & CEMEN TYPE	Т								T	<del></del>	05.05.0	
MULTIPLE ZONE		$-\dashv$	CONIT	DUCTOR	+	IZE	WEIGHT	GRADE		FEET		PSI	SA	^   '	OP OF C	VI !
Application Date COMMINGLED			-		1	0.10	40"						4		e	
Application Date	26		SURF		+	-3/8	48#	J-55	500'				410		urface	$\dashv$
INCREASED DENSITY 668	<u> </u>		-	RMEDIATE PUCTION	+-	5/8	36#	J-55	1,300'				495	-	urface	$\dashv$
ORDER NO. 668			LINER		7		26#		7,221'		1001		440	-+	514	$\dashv$
			LINER		4.		11.6#	P-110	6,910'	12	,106'		570		909'	_
PACKER @ BRA			_PLUG										DEPTH	12	,106'	
PACKER @BRA COMPLETION & TEST DAT		G FORMAT	PLUG		100	TYPE		PLUG @		TYPE						
FORMATION	Mississippian			22711	17.	7								0	. 2 - 4	77
SPACING & SPACING ORDER NUMBER		6623	27										1	100	TEN	
CLASS: Oil, Gas, Dry, Inj,	Oil	0020		<del></del> -			<del></del>					-		10 F	Car P	<u> regu</u>
Disp, Comm Disp, Svc	7,251'-12,024		+-	· · · · · · · · ·												$\dashv$
PERFORATED	7,231-12,024		+					-					-			-1
INTERVALS	<del></del>		+	-	_				<del></del>							$\dashv$
ACID/VOLUME	6,822 bbls 15	9/. HCI	+		-						<u> </u>					_
			1.6													$\dashv$
FRACTURE TREATMENT (Fluids/Prop Amounts)	256,630 bbls	S <del>IK-Wtr</del>	zirek	Water												
<del> </del>																$\Box$
	x	Min Gas All OR		(165:	10-17	-7)			Purchaser/I Sales Date				nGas			_
INITIAL TEST DATA		Oil Allowab		(165:10-13-3)				LIISI	Sales Date			<u>U3/</u>	10/201	8		—
INITIAL TEST DATE	03/14/2018															$\neg$
OIL-BBL/DAY	60					. , , .										$\dashv$
OIL-GRAVITY ( API)	30		1	<del></del>	-//							////	;			$\dashv$
GAS-MCF/DAY	340		+		-/								;			$\dashv$
GAS-OIL RATIO CU FT/BBL	5,666		+		-/		<u>S S</u>		ZM			nľ				
WATER-BBL/DAY	<u> </u>			<del></del>	-/			71	- 111			J 📝	<u> </u>			$\dashv$
	2,541			** '	-7						////					$\dashv$
PUMPING OR FLOWING	Pumping		+	· · ·				1///	/////	////						$\dashv$
INITIAL SHUT-IN PRESSURE	200		-													_
CHOKE SIZE	64/64			<del> </del>				_								
FLOW TUBING PRESSURE	146	,														
record of the formations drill to make this report which was SIGNAT	prepared by me or t	tinent remark under my sur	pervision	and direction, v ce Rouse	vith the	e data a	clare that I have and facts state	ve knowled d herein to	dge of the co	orrect, and	this repo complet 02/28	te to the b	est of my	knowled 18-94	organizat ge and be 7-4647	lief.
321 South Boston	, Suite 1000	Tulsa	, OK				<b>_</b> /		chelce.r	ouse@	midsta		oleum.			
ADDRE	SS		Č	ITY	ST	ATE	ZIP				EM	AIL ADD	RESS			$\dashv$

# 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.

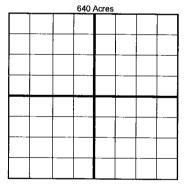
NAMES OF FORMATIONS TOP	
ENDICOTT HASKELL TONKAWA 5,039 AVANT COTTAGE GROVE HOGSHOOTER BIG LIME OSWEGO CHEROKEE MISSISSIPPI  4,612 4,979 5,039 5,039 5,377 5,419 5,563 BIG LIME 5,798 5,798 6,281	

FOR COMMISSION USE ONLY  ITD on file YES NO  APPROVED DISAPPROVED  2) Reject Codes	
APPROVED DISAPPROVED	,
Were open hole logs run? yes	
Date Last log was run N/A	
Nas CO <sub>2</sub> encountered?yes	
Nas H <sub>2</sub> S encountered? yes no at what depths?	
Nere unusual drilling circumstances encountered?  f yes, briefly explain below	es no

WELL NO. 2H-10 D

Other remarks:	·····			<del></del>		
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L						

LEASE NAME Aruba 2412



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 Loc	ation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured Total Depth True Vertical Depti			pth	BHL From Lease, Unit, or Prope	rty Line:	<u> </u>	

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

LATERAL #1

	1	12W	Alfa	alfa		
Spot Locat	1/4 M2 NW	1/4 NE 1/4	NE <sub>1/4</sub>	Feet From 1/4 Sec Lines	FSL 217N	FWL 668E
Deviation	7,280	Radius of Turn	1,384	Direction 1.20	Total Length 4,885	
Measured 1	Total Depth	True Vertical De	pth	BHL From Lease, Unit, or Pro	operty Line:	
	12,10	96'	6,266		217	

LATERAL #2 TWP COUNTY SEC RGE Spot Location 1/4 Feet From 1/4 Sec Lines FSL FWL 1/4 1/4 Depth of Radius of Turn Direction Total Deviation Measured Total Depth Length BHL From Lease, Unit, or Property Line: True Vertical Depth

LATER/	AL #3						
SEC	TWP	RGÉ		COUNTY			
Spot Loc	cation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation	ภ		Radius of Turn		Direction	Total Length	
Measure	ed Total Depth		rue Vertical De	pth	BHL From Lease, Unit, or Pr	operty Line:	