

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

Form 1002A

API No.: 35003233020000

Completion Report

Spud Date: March 13, 2018

OTC Prod. Unit No.: 003-223951

Drilling Finished Date: March 31, 2018

1st Prod Date: July 27, 2018

Completion Date: July 20, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LOIS 2412 2H-02 B

Purchaser/Measurer: SEMGAS

Location: ALFALFA 1 24N 12W
NE NW NW NW
210 FNL 610 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1356

First Sales Date: 07/27/2018

Operator: MIDSTATES PETROLEUM CO LLC 23079

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

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	674561		675634	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	367		315	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1279		515	SURFACE
PRODUCTION	7	26	P-110	7812		645	3612

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	6321	0	670	6840	13161

Total Depth: 13161

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

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
Aug 03, 2018	MISSISSIPPIAN	197	33	1324	6721	2040	PUMPING	249	64/64	241

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders

Order No	Unit Size
667352	640

Perforated Intervals

From	To
7988	13063

Acid Volumes

1,077 BARRELS 15% GELLED AND RET ACID, 413 BARRELS 15% HCL

Fracture Treatments

38,779 BARRELS SLICK WATER

Formation	Top
ENDICOTT	4596
HASKELL	4946
TONKAWA	4979
AVANT	5311
COTTAGE GROVE	5360
HOGSHOOTER	5498
BIG LIME	5722
OSWEGO	5756
CHEROKEE	5879
MISSISSIPPI	6148

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

SE SW SE SW

162 FSL 1974 FWL of 1/4 SEC

Depth of Deviation: 8235 Radius of Turn: 1769 Direction: 182 Total Length: 5348

Measured Total Depth: 13161 True Vertical Depth: 6318 End Pt. Location From Release, Unit or Property Line: 162

FOR COMMISSION USE ONLY

Status: Accepted

1140533

RECEIVED

Form 1002A
Rev. 2009

AUG 06 2018

OKLAHOMA CORPORATION COMMISSION

API NO. 003 23302
OTC PROD. UNIT NO. 003 223951

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
Rule 165:10-3-25

☒ ORIGINAL
☐ AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE

If directional or horizontal, see reverse for bottom hole location.

COUNTY Alfalfa	SEC 01	TWP 24N	RGE 12W	SPUD DATE 03/13/2018
LEASE NAME Lois 2412	WELL NO. 2H-02 B	DRLG FINISHED DATE 03/31/2018		
NE 1/4 NW 1/4 NW 1/4 NW 1/4 1/4 SEC 210N	FWL OF 1/4 SEC 610	DATE OF WELL COMPLETION 07/20/2018		
ELEVATIO N Derrick Ground 1356	Latitude (if known)	1st PROD DATE 07/27/2018		
OPERATOR NAME Midstates Petroleum Company LLC		RECOMP DATE		
ADDRESS 321 South Boston, Suite 1000		Longitude (if known)		
CITY Tulsa	STATE OK	ZIP 74103		

640 Acres

LOCATE WELL

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
☐ COMMINGLED
Application Date
LOCATION
EXCEPTION ORDER **674561 10.**
INCREASED DENSITY
ORDER NO. **675634**

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	13-3/8	48#	J-55	367		315	surface
INTERMEDIATE	9-5/8	36#	J-55	1,279'		515	surface
PRODUCTION	7	26#	P-110	7,812'		645	3,612'
LINER	4.5	11.6#	P-110	6,840'	13,161'	670	8,961'
						TOTAL DEPTH	13,161'

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Mississippian						
SPACING & SPACING ORDER NUMBER	640/667352						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil						
PERFORATED INTERVALS	7,988'-13,063'						
ACID/VOLUME	1077 bbls 15% gelled & ret acid	413 bbls 15% HCl					
FRACTURE TREATMENT (Fluids/Prop Amounts)	38,779 bbls slk wtr						

Reported to Frac Focus

Min Gas Allowable (165:10-17-7)

Gas Purchaser/Measurer

SemGas

☒ x

OR

First Sales Date

07/27/2018

INITIAL TEST DATA

INITIAL TEST DATE	08/03/2018						
OIL-BBL/DAY	197						
OIL-GRAVITY (API)	33						
GAS-MCF/DAY	1,324						
GAS-OIL RATIO CU FT/BBL	6,721						
WATER-BBL/DAY	2,040						
PUMPING OR FLOWING	Pumping						
INITIAL SHUT-IN PRESSURE	249						
CHOKE SIZE	64/64						
FLOW TUBING PRESSURE	241						

AS SUBMITTED

A record 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 to make this 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.

SIGNATURE *Chelce Rouse* NAME (PRINT OR TYPE) **Chelce Rouse** DATE **03/21/2018** PHONE NUMBER **918-947-4647**
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.

LEASE NAME Lois 2412

WELL NO. 2H-02 B

NAMES OF FORMATIONS	TOP
ENDICOTT	4,596
HASKELL	4,946
TONKAWA	4,979
AVANT	5,311
COTTAGE GROVE	5,360
HOGSHOOTER	5,498
BIG LIME	5,722
OSWEGO	5,756
CHEROKEE	5,879
MISSISSIPPI	6,148

FOR COMMISSION USE ONLY	
ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED _____	DISAPPROVED _____
2) Reject Codes	

Were open hole logs run?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Date Last log was run	N/A
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

Other remarks:

640 Acres

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
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1			
SEC	TWP	RGE	COUNTY
02	24N	12W	Alfalfa
Spot Location	1/4	1/4	1/4
SE SE 1/4 SW 1/4 SE 1/4 SW 1/4	Feet From 1/4 Sec Lines		FSL
Depth of Deviation	8,235	Radius of Turn	1,769
Measured Total Depth	13,161'	True Vertical Depth	6,318'
Direction		181.09 182	Total Length 5,348
BHL From Lease, Unit, or Property Line:		275 162	

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

LATERAL #3			
SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn		Direction
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line: