

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.: 35003232840000

Completion Report

Spud Date: September 08, 2017

OTC Prod. Unit No.: 003-222509

Drilling Finished Date: September 23, 2017

1st Prod Date: October 29, 2017

Completion Date: October 27, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LOIS 2412 1H-02 C

Purchaser/Measurer: SEMGAS

Location: ALFALFA 1 24N 12W
NE NW NW NW
225 FNL 645 FWL of 1/4 SEC
Latitude: 36.593429803 Longitude: -98.441848918
Derrick Elevation: 0 Ground Elevation: 1358

First Sales Date: 11/11/2017

Operator: MIDSTATES PETROLEUM CO LLC 23079

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

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
668714

Increased Density
Order No
There are no Increased Density records to display.

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	375		350	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1243		595	SURFACE
PRODUCTION	7	26	P-110	7437		440	4600

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5864	0	645	6709	12573

Total Depth: 12611

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
Nov 13, 2017	MISSISSIPPIAN	184	33	548	2978	4176	PUMPING	125	64/64	208

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
7496	12473

Acid Volumes

4,931 BARRELS 15% GELLED AND RET ACID, 785 BARRELS 15% HCL

Fracture Treatments

103,493 BARRELS SLICK WATER, 180,028 POUNDS ROCK SALT

Formation	Top
ENDICOTT	4606
HASKELL	4922
TONKAWA	4983
AVANT	5308
HOGSHOOTER	5501
BIG LIME	5717
OSWEGO	5825
CHEROKEE	5881
MISSISSIPPI LIME	6130

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 SUBMITTED.

Lateral Holes

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

S2 S2 SW SE

165 FSL 1980 FEL of 1/4 SEC

Depth of Deviation: 8014 Radius of Turn: 1670 Direction: 176 Total Length: 5174

Measured Total Depth: 12611 True Vertical Depth: 6297 End Pt. Location From Release, Unit or Property Line: 165

FOR COMMISSION USE ONLY

1138175

Status: Accepted

RECEIVED

NOV 17 2017

OKLAHOMA CORPORATION COMMISSION

Form 1002A
Rev. 2009

API NO. 003 23284
OTC PROD. UNIT NO. 003 222509

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) _____

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 09/08/2017
LEASE NAME Lois 2412	WELL NO. 1H-02 C	DATE OF WELL COMPLETION 10/27/2017		
NE 1/4 NW 1/4 NW 1/4 NW 1/4 225N	FWL OF 1/4 SEC 645	1st PROD DATE 10/29/2017		
ELEVATIO N Derrick Ground 1358	Latitude (if known) 36.593429803	Longitude (if known) -98.441848918		
OPERATOR NAME Midstates Petroleum Company LLC		OTC/OCC OPERATOR NO. 23079		
ADDRESS 321 South Boston, Suite 1000				
CITY Tulsa	STATE OK	ZIP 74103		

640 Acres

LOCATE WELL

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
☐ COMMINGLED
LOCATION **668714 I.O.**
EXCEPTION ORDER **N/A**
INCREASED DENSITY ORDER NO. **N/A**

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	375'		350	surface
INTERMEDIATE	9-5/8	36#	J-55	1,243'		595	surface
PRODUCTION	7	26#	P-110	7,437'		440	4,600
LINER	4.5	11.6#	P-110	6,709'	12,573'	645	6,709
						TOTAL DEPTH	12,611'

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	7,496'-12,473'								
ACID/VOLUME	4931 bbls 15% gelled & ret acid	785 bbls 15% HCl							
FRACTURE TREATMENT (Fluids/Prop Amounts)	103,493 bbls slk wtr								
	180,028# rock salt								

*Reported to
Frac Focus*

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

Gas Purchaser/Measurer
First Sales Date

SemGas
11/11/2017

INITIAL TEST DATA

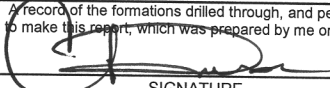
☒

OR
Oil Allowable (165:10-13-3)

INITIAL TEST DATE	11/13/2017						
OIL-BBL/DAY	184						
OIL-GRAVITY (API)	33						
GAS-MCF/DAY	548						
GAS-OIL RATIO CU FT/BBL	2,978						
WATER-BBL/DAY	4,176						
PUMPING OR FLOWING	Pumping						
INITIAL SHUT-IN PRESSURE	125						
CHOKE SIZE	64/64						
FLOW TUBING PRESSURE	208						

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.

 **Chelce Rouse**
SIGNATURE NAME (PRINT OR TYPE) DATE PHONE NUMBER
321 South Boston, Suite 1000 Tulsa, OK 74103
ADDRESS CITY STATE ZIP **chelce.rouse@midstatespetroleum.com**
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.

NAMES OF FORMATIONS	TOP
ENDICOTT	4,606
HASKELL	4,922
TONKAWA	4,983
AVANT	5,308
HOGSHOOTER	5,501
BIG LIME	5,717
OSWEGO	5,825
CHEROKEE	5,881
MISSISSIPPI LIME	6,130

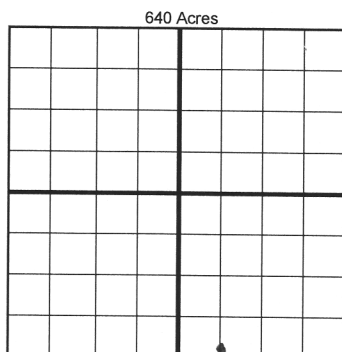
LEASE NAME Lois 2412

WELL NO. 1H-02 C

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	

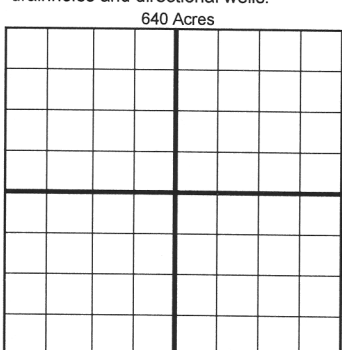
Other remarks:



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.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	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			
S2	1/4 S2	1/4 SW	1/4 SE
Depth of Deviation 8,014		Radius of Turn 1,670	Direction 176.30
Measured Total Depth 12,611'		True Vertical Depth 6,297'	Total Length 5,174
		BHL From Lease, Unit, or Property Line: 165	

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

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