

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.: 35003233000000

**Completion Report**

Spud Date: February 25, 2018

OTC Prod. Unit No.: 003-223948

Drilling Finished Date: March 13, 2018

1st Prod Date: July 27, 2018

Completion Date: July 19, 2018

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LOIS 2412 2H-01 B

Purchaser/Measurer: SEMGAS

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

First Sales Date: 07/27/2018

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	
673447	

Increased Density	
Order No	
671956	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	369		315	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1248		515	SURFACE
PRODUCTION	7	26	P-110	7176		485	4031

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5597	0	610	6759	12356

**Total Depth: 12356**

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
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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	MISSISSIPPI LIME	178	34	1530	8596	2846	PUMPING	177	64/64	281

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPI LIME

Code: 351MSSLM

Class: OIL

Spacing Orders

Order No	Unit Size
661491	640

Perforated Intervals

From	To
7201	12258

Acid Volumes

1,084 BARRELS 15% GELLED AND RET ACID, 413 BARRELS 15% HCL

Fracture Treatments

38,779 BARRELS SLICK WATER

Formation	Top
ENDICOTT	4558
HASKELL	4932
TONKAWA	4979
AVANT	5295
COTTAGE GROVE	5367
HOGSHOOTER	5486
BIG LIME	5711
OSWEGO	5772
CHEROKEE	5871
MISSISSIPPI	6139

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

SE SW SE SW

166 FSL 1976 FWL of 1/4 SEC

Depth of Deviation: 7879 Radius of Turn: 1677 Direction: 179 Total Length: 5180

Measured Total Depth: 12356 True Vertical Depth: 6316 End Pt. Location From Release, Unit or Property Line: 166

FOR COMMISSION USE ONLY

Status: Accepted

1140525

# RECEIVED

Form 1002A  
Rev. 2009

AUG 06 2018

OKLAHOMA CORPORATION  
COMMISSION

API NO. 003 23300  
OTC PROD. UNIT NO. 003 223948

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 <b>Alfalfa</b>	SEC <b>01</b>	TWP <b>24N</b>	RGE <b>12W</b>	SPUD DATE <b>02/25/2018</b>
LEASE NAME <b>Lois 2412</b>	WELL NO. <b>2H-01 B</b>	DATE OF WELL COMPLETION <b>07/19/2018</b>	DRLG FINISHED DATE <b>03/13/2018</b>	1st PROD DATE <b>07/27/2018</b>
NE 1/4 NW 1/4 NW 1/4 NW 1/4 <b>OF 225N</b>	FWL OF 1/4 SEC <b>610</b>	RECOMP DATE		
ELEVATION N Derrick <b>Ground</b>	Latitude (if known)	Longitude (if known)		
OPERATOR NAME <b>Midstates Petroleum Company LLC</b>		OTC/OCC OPERATOR NO. <b>23079</b>		
ADDRESS <b>321 South Boston, Suite 1000</b>				
CITY <b>Tulsa</b>	STATE <b>OK</b>	ZIP <b>74103</b>		

640 Acres


LOCATE WELL

### COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
<input type="checkbox"/> COMMINGLED
Application Date
LOCATION
EXCEPTION ORDER <b>673447 ID.</b>
INCREASED DENSITY ORDER NO. <b>671956</b>

### 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	369'		315	surface
INTERMEDIATE	9-5/8	36#	J-55	1,248'		515	surface
PRODUCTION	7	26#	P-110	7,176'		485	4,031
LINER	4.5	11.6#	P-110	6,759'	12,356'	610	6,759
						TOTAL DEPTH	12,356'

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_  
PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

### COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	<b>Mississippi Lime</b>							
SPACING & SPACING ORDER NUMBER	<b>640/661491</b>							
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	<b>Oil</b>							
PERFORATED INTERVALS	<b>7,201'-12,258'</b>							
ACID/VOLUME	<b>1084 bbls 15% gelled &amp; ret acid</b>	<b>413 bbls 15% HCl</b>						
FRACTURE TREATMENT (Fluids/Prop Amounts)	<b>38,779 bbls slk wtr</b>							

*Reported to Frac Focus*

☒ Min Gas Allowable (165:10-17-7) OR ☐ Oil Allowable (165:10-13-3)  
Gas Purchaser/Measurer **SemGas**  
First Sales Date **07/27/2018**

### INITIAL TEST DATA

INITIAL TEST DATE	<b>08/03/2018</b>
OIL-BBL/DAY	<b>178</b>
OIL-GRAVITY ( API)	<b>34</b>
GAS-MCF/DAY	<b>1,530</b>
GAS-OIL RATIO CU FT/BBL	<b>8,596</b>
WATER-BBL/DAY	<b>2,846</b>
PUMPING OR FLOWING	<b>Pumping</b>
INITIAL SHUT-IN PRESSURE	<b>177</b>
CHOKE SIZE	<b>64/64</b>
FLOW TUBING PRESSURE	<b>281</b>

**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**  
ADDRESS **321 South Boston, Suite 1000** CITY **Tulsa** STATE **OK** ZIP **74103** EMAIL ADDRESS **chelce.rouse@midstatespetroleum.com**

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-01 B

NAMES OF FORMATIONS	TOP
ENDICOTT	4,558
HASKELL	4,932
TONKAWA	4,979
AVANT	5,295
COTTAGE GROVE	5,367
HOGSHOOTER	5,486
BIG LIME	5,711
OSWEGO	5,772
CHEROKEE	5,871
MISSISSIPPI	6,139

FOR 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

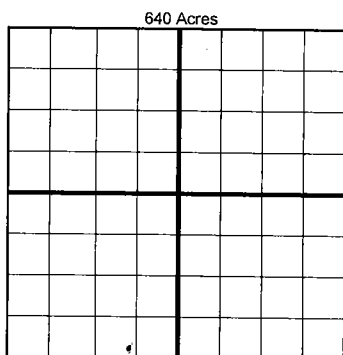
Was CO<sub>2</sub> encountered? ☐ yes ☒ no at what depths? \_\_\_\_\_

Was H<sub>2</sub>S encountered? ☐ yes ☒ no at what depths? \_\_\_\_\_

Were unusual drilling circumstances encountered? ☐ yes ☒ no

If yes, briefly explain below \_\_\_\_\_

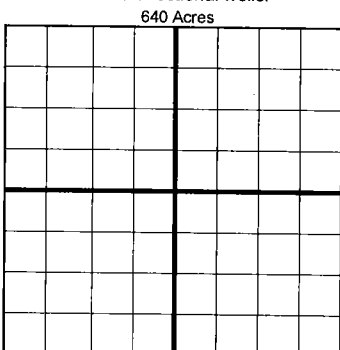
Other remarks:



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
01	24N	12W	Alfalfa
Spot Location			
1/4	1/4	1/4	1/4
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:
Depth of Deviation		Radius of Turn	Direction
7,879		1,677	179.06
Total Length		5,180	
12,356'		6,316'	

166 1976  
275 1980

LATERAL #2

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:
Depth of Deviation		Radius of Turn	Direction
Total Length			

LATERAL #3

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:
Depth of Deviation		Radius of Turn	Direction
Total Length			