

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.: 35003233040001

Completion Report

Spud Date: March 31, 2018

OTC Prod. Unit No.: 003-223950

Drilling Finished Date: April 17, 2018

1st Prod Date: July 27, 2018

Amended

Completion Date: July 22, 2018

Amend Reason: AMENDED TO CORRECT SURFACE HOLE LOCATION

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LOIS 2412 3H-01D

Purchaser/Measurer: SEMGAS

Location: ALFALFA 1 24N 12W
NE NW NW NW
186 FNL 610 FWL of 1/4 SEC
Latitude: 36.593537138 Longitude: -98.44196688
Derrick Elevation: 0 Ground Elevation: 1356

First Sales Date: 08/03/2018

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	690193		678805	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	366		315	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1280		515	SURFACE
PRODUCTION	7	26	P-110	7897		645	5469

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	6304	0	670	6897	13201

Total Depth: 13201

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 06, 2018	MISSISSIPPIAN	302	33	405	1341	2334	PUMPING	92	64/64	218

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN		Code: 359MSSP		Class: OIL	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From	To		
661491	640	8062	13103		
Acid Volumes		Fracture Treatments			
5,321 BARRELS 15% GELLED AND RET ACID, 776 BARRELS 15% HCL		97,818 BARRELS SLICK WATER, 143,970 POUNDS ROCK SALT			

Formation	Top
ENDICOTT	4583
HASKELL	4919
TONKAWA	4959
AVANT	5280
COTTAGE GROVE	5339
HOGSHOOTER	5456
BIG LIME	5684
OSWEGO	5720
CHEROKEE	5843
MISSISSIPPI	6137

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

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
There are no Other Remarks.

Lateral Holes
Sec: 1 TWP: 24N RGE: 12W County: ALFALFA SE SW SE SE 167 FSL 672 FEL of 1/4 SEC Depth of Deviation: 8220 Radius of Turn: 1792 Direction: 178 Total Length: 5304 Measured Total Depth: 13201 True Vertical Depth: 6321 End Pt. Location From Release, Unit or Property Line: 167

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1141931</div>

RECEIVED

Form 1002A
Rev. 2009

JAN 24 2019

OKLAHOMA CORPORATION
COMMISSIONAPI
NO. 003 23304
OTC PROD.
UNIT NO. 003 223950PLEASE 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

COMPLETION REPORT

☐ ORIGINAL
☒ AMENDED (Reason)

Amended to correct SHL

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
☐ SERVICE WELL

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

COUNTY Alfalfa	SEC 01	TWP 24N	RGE 12W	SPUD DATE 03/31/2018
LEASE NAME Lois 2412	WELL NO. 3H-01 D			DRLG FINISHED DATE 04/17/2018
NE 1/4 NW 1/4 NW 1/4 NW 1/4	FSL OF 1/4 SEC 186N	FWL OF 1/4 SEC 610	DATE OF WELL COMPLETION 07/22/2018	
ELEVATIO N Derrick Ground 1356	Latitude (if known) 36.593537138	Longitude (if known) -98.441966880	1st PROD DATE 07/27/2018	
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									
W									E

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 678280
INCREASED DENSITY
ORDER NO. 678805

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	366'		315	surface
INTERMEDIATE	9-5/8	36#	J-55	1,280'		515	surface
PRODUCTION	7	26#	P-110	7,897'		645	5,469'
LINER	4.5	11.6#	P-110	6,897'	13,201'	670	6,879'
				TOTAL DEPTH		13,201'	

 PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
 PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
COMPLETION & TEST DATA BY PRODUCING FORMATION **359MSSP**

FORMATION	Mississippian								
SPACING & SPACING ORDER NUMBER	No Spacing 661491 (640)								
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil								
PERFORATED INTERVALS	8,062'-13,103'								
ACID/VOLUME	5,321 bbls 15% gelled & ret acid	776 bbls 15% HCl							
FRACTURE TREATMENT (Fluids/Prop Amounts)	97,818 bbls slk wtr								
	143,970# rock salt								

Reported
to Frac Focus

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

☒ x

OR

Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer
First Sales Date

SemGas

08/03/2018

INITIAL TEST DATA

INITIAL TEST DATE	08/06/2018						
OIL-BBL/DAY	302						
OIL-GRAVITY (API)	33						
GAS-MCF/DAY	405						
GAS-OIL RATIO CU FT/BBL	1,341						
WATER-BBL/DAY	2,334						
PUMPING OR FLOWING	Pumping						
INITIAL SHUT-IN PRESSURE	92						
CHOKE SIZE	64/64						
FLOW TUBING PRESSURE	218						

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.

01/17/2019

918-947-4647

SIGNATURE

Chelce Rouse

NAME (PRINT OR TYPE)

DATE

PHONE NUMBER

321 South Boston, Suite 1000 Tulsa, OK 74103

chelce.rouse@midstatespetroleum.com

ADDRESS

CITY

STATE

ZIP

EMAIL ADDRESS

FORMATION RECORD

WELL NO. 3H-01 D

NAMES OF FORMATIONS	TOP
ENDICOTT	4,583
HASKELL	4,919
TONKAWA	4,959
AVANT	5,280
COTTAGE GROVE	5,339
HOGSHOOTER	5,456
BIG LIME	5,684
OSWEGO	5,720
CHEROKEE	5,843
MISSISSIPPI	6,137

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? ☐ yes ☒ no

Date Last log was run N/A

Was CO₂ encountered? ☐ yes ☒ no at what depths? _____

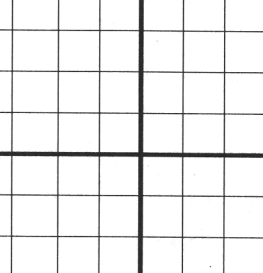
Was H₂S encountered? ☐ yes ☒ no at what depths? _____

Were unusual drilling circumstances encountered? ☐ yes ☒ no

If yes, briefly explain below

Other remarks:

640 Acres



A 10x10 grid representing 640 acres. The grid is divided into four 5x5 quadrants by a thick vertical line and a thick horizontal line. The top-left quadrant is shaded gray. The text "640 Acres" is centered above the grid.

Directional surveys are required for all drainholes and directional wells.

640 Acres

SEC	TWP	RGE	COUNTY		
Spot Location			Feet From 1/4 Sec Lines	FSL	FWL
1/4	1/4	1/4	1/4		
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:		

LATERAL #1					
SEC 01	TWP 24N	RGE 12W	COUNTY Alfalfa		
Spot Location S2 SE 1/4 SW 1/4		SE 1/4	SE 1/4	Feet From 1/4 Sec Lines	FSL 167 275N
Depth of Deviation 8,220'		Radius of Turn 1,792	Direction 178.38	Total Length 5,304'	FWL 672F 1980
Measured Total Depth 13,201'		True Vertical Depth 6,321'	BHL From Lease, Unit, or Property Line: 275 167		

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

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