

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.: 35003233040000

**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

Completion Date: July 22, 2018

**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  
195 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	678280		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
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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 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

Order No	Unit Size
661491	640

Perforated Intervals

From	To
8062	13103

Acid Volumes

5,321 BARRELS 15% GELLED AND RET ACID, 776 BARRELS 15% HCL

Fracture Treatments

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

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED.

Lateral Holes

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

SE SW SE SE

165 FSL 674 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: 165

FOR COMMISSION USE ONLY

Status: Accepted

1140541



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. 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?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Date Last log was run	N/A
Was CO <sub>2</sub> encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths?
Was H <sub>2</sub> 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:
Feet From 1/4 Sec Lines		FSL	FWL

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
Depth of Deviation	8,220'	Radius of Turn	1,792
Measured Total Depth	13,201'	True Vertical Depth	6,321'
Feet From 1/4 Sec Lines		FSL	FWL
Direction		Total Length	
BHL From Lease, Unit, or Property Line:			

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:
Feet From 1/4 Sec Lines		FSL	FWL
Total Length			

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:
Feet From 1/4 Sec Lines		FSL	FWL
Total Length			

165  
674 FEL  
1980  
275165  
survey