

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.: 35003232820000

Completion Report

Spud Date: August 21, 2017

OTC Prod. Unit No.: 003-222475

Drilling Finished Date: September 08, 2017

1st Prod Date: October 29, 2017

Completion Date: October 28, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LOIS 2412 1H-01 C

Purchaser/Measurer: SEMGAS

Location: ALFALFA 1 24N 12W
N2 N2 NW NW
225 FNL 660 FWL of 1/4 SEC
Latitude: 36.593429668 Longitude: -98.441798106
Derrick Elevation: 0 Ground Elevation: 1358

First Sales Date: 11/05/2017

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
664805

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	9 5/8	36	J-55	1223		1480	SURFACE
PRODUCTION	7	26	P-110	7346		255	5966

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5724	0	620	6786	12510

Total Depth: 12510

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	93	34	418	4495	2024	PUMPING	735	64/64	81

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
7385	12410

Acid Volumes

4.954 BARRELS 15% GELLED AND RET ACID, 793 BARRELS 15% HCL

Fracture Treatments

104,279 BARRELS SLICK WATER, 157,719 POUNDS ROCK SALT

Formation	Top
ENDICOTT	4623
HASKELL	4923
TONKAWA	4981
AVANT	5303
HOGSHOOTER	5495
BIG LIME	5717
OSWEGO	5817
CHEROKEE	5871
MISSISSIPPI LIME	6131

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 SW SE

165 FSL 1989 FEL of 1/4 SEC

Depth of Deviation: 8089 Radius of Turn: 2121 Direction: 180 Total Length: 5164

Measured Total Depth: 12510 True Vertical Depth: 6333 End Pt. Location From Release, Unit or Property Line: 165

FOR COMMISSION USE ONLY

Status: Accepted

1138174

FORMATION RECORD

LEASE NAME Lois 2412

WELL NO. 1H-01 C

NAMES OF FORMATIONS	TOP
ENDICOTT	4,623
HASKELL	4,923
TONKAWA	4,981
AVANT	5,303
HOGSHOOTER	5,495
BIG LIME	5,717
OSWEGO	5,817
CHEROKEE	5,871
MISSISSIPPI LIME	6,131

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

Directional surveys are required for all drainholes and directional wells.

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 text '640 Acres' is centered at the top of the grid.

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

LATERAL #1				
SEC 01	TWP 24N	RGE 12W	COUNTY Alfalfa	
Spot Location S2SE 1/4 S2 SW		1/4 SW	1/4 SE	Feet From 1/4 Sec Lines
Depth of Deviation 8,089		Radius of Turn 2,121	Direction 180	FSL 165
Measured Total Depth 12,510'		True Vertical Depth 6,333'	FWL 1989E	
		BHL From Lease, Unit, or Property Line: 165		

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:			