

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.: 35003233010000

Completion Report

Spud Date: December 23, 2017

OTC Prod. Unit No.: 003-223359

Drilling Finished Date: January 07, 2018

1st Prod Date: April 19, 2018

Completion Date: April 15, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: KEITH 2512 3H-27 B

Purchaser/Measurer: SEMGAS

Location: ALFALFA 27 25N 12W
SE SE SE SW
265 FSL 2425 FWL of 1/4 SEC
Latitude: 36.609337947 Longitude: -98.478003815
Derrick Elevation: 0 Ground Elevation: 1370

First Sales Date: 04/19/2018

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	677349		676496	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1236		695	SURFACE
PRODUCTION	7	26	P-110	6953		450	2752

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5228	0	575	6670	11898

Total Depth: 11898

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
May 02, 2018	MISSISSIPPIAN	56	34	1031	18411	1657	FLOWING	414	64/64	3798

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN		Code: 359MSSP		Class: GAS	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From	To		
589367	640	6993	11801		
Acid Volumes		Fracture Treatments			
5,344 BARRELS 15% GELLED AND RET ACID, 793 BARRELS 15% HCL		121,158 BARRELS SLICK WATER, 1,004,070 POUNDS 100 MESH, 143,670 POUNDS ROCK SALT			

Formation	Top
ENDICOTT	4611
HASKELL LIME	4994
TONKAWA	5065
AVANT	5337
COTTAGE GROVE	5471
HOGSHOOTER	5554
CHECKERBOARD	5573
BIG LIME	5705
OSWEGO	5740
CHEROKEE	5859
MISSISSIPPI	6104

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: 27 TWP: 25N RGE: 12W County: ALFALFA NE NW NE NW 167 FNL 1956 FWL of 1/4 SEC Depth of Deviation: 7270 Radius of Turn: 1372 Direction: 359 Total Length: 4945 Measured Total Depth: 11898 True Vertical Depth: 6137 End Pt. Location From Release, Unit or Property Line: 167

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1139770</div>

MAY 04 2018
OKLAHOMA CORPORATION
COMMISSION

API NO.	003 23301
OTC PROD. UNIT NO.	003 223359

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

<input checked="" type="checkbox"/>	ORIGINAL
<input type="checkbox"/>	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	Alfalfa	SEC 27	TWP 25N	RGE 12W	DATE OF WELL COMPLETION	04/15/2018
LEASE NAME	Keith 2512			WELL NO.	3H-27 B	1st PROD DATE
SE 1/4 SE 1/4 SE 1/4 SW 1/4	FSL OF 1/4 SEC	265	FWL OF 1/4 SEC	2425	RECOMP DATE	
ELEVATION N Derrick	Ground	1370	Latitude (if known)	36.609337947	Longitude (if known)	-98.478003815
OPERATOR NAME	Midstates Petroleum Company LLC			OTC/OCC OPERATOR NO.	23079	
ADDRESS 321 South Boston, Suite 1000						
CITY	Tulsa			STATE	OK	ZIP 74103

COMPLETION TYPE

✓	SINGLE ZONE
	MULTIPLE ZONE
	Application Date
	COMMINGLED
	Application Date
LOCATION	
EXCEPTION ORDER	
INCREASED DENSITY	
ORDER NO.	676496

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET		PSI	SAX	TOP OF CMT
CONDUCTOR								
SURFACE								
INTERMEDIATE	9-5/8	36#	J-55	1,236'			695	surface
PRODUCTION	7	26#	P-110	6,953'			450	2,752
LINER	4.5	11.6#	P-110	6,670'	11,898'		575	5,227
PLUG @	TYPE		PLUG @	TYPE		TOTAL DEPTH		11,898'

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
 PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION 359mssp

FORMATION	Mississippian					Reported to Frac Fo
SPACING & SPACING ORDER NUMBER	640/589367					
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas					
PERFORATED INTERVALS	6,993'-11,801'					
ACID/VOLUME	5344 bbls 15% gelled & ret acid	793 bbls 15% HCl				
FRACTURE TREATMENT (Fluids/Prop Amounts)	121,158 bbls slk wtr					
	1,004,070# 100 mesh					
	143,670# rock salt					

Reported
to Frac Focus

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

Gas Purchaser/Measurer
First Sales Date

SemGas
04/19/2018


INITIAL TEST DATA

Oil Allowable (165:10-13-3)

INITIAL TEST DATE	05/02/2018					
OIL-BBL/DAY	56					
OIL-GRAVITY (API)	34					
GAS-MCF/DAY	1,031					
GAS-OIL RATIO CU FT/BBL	18,411					
WATER-BBL/DAY	1,657					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	414					
CHOKE SIZE	64/64					
FLOW TUBING PRESSURE	3,798					

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		03/21/2018		918-947-4647	
SIGNATURE				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			

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 Keith 2512

WELL NO. 3H-27 B

NAMES OF FORMATIONS	TOP
ENDICOTT	4,611
HASKELL LIME	4,994
TONKAWA	5,065
AVANT	5,337
COTTAGE GROVE	5,471
HOGSHOOTER	5,554
CHECKERBOARD	5,573
BIG LIME	5,705
OSWEGO	5,740
CHEROKEE	5,859
MISSISSIPPI	6,104

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ITD on file ☐ YES ☐ NO

APPROVED _____ DISAPPROVED _____

2) Reject Codes _____

Were open hole logs run? ☐ yes ☒ no

Date Last log was run N/A

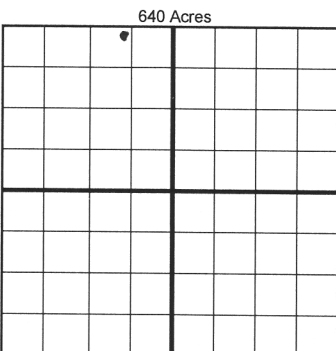
Was CO₂ encountered? ☐ yes ☒ no at what depths? _____

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

Were unusual drilling circumstances encountered? ☐ yes ☒ no

If yes, briefly explain below

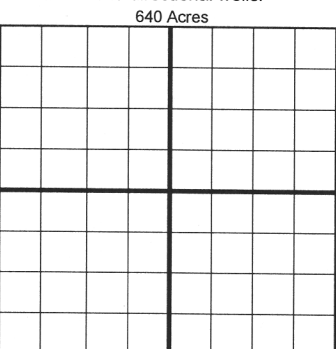
Other remarks:



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
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
	27	25N	12W	Alfalfa
Spot Location	1/4	1/4	1/4	
Depth of Deviation	7,270	Radius of Turn	1,372	Direction 359.14
Measured Total Depth	11,898'	True Vertical Depth	6,137'	BHL From Lease, Unit, or Property Line: 167

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location	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:	

LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location	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:	