

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.: 35003232980000

**Completion Report**

Spud Date: December 08, 2017

OTC Prod. Unit No.: 003-223367

Drilling Finished Date: December 22, 2017

1st Prod Date: April 19, 2018

Completion Date: April 18, 2018

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: KEITH 2512 2H-27 A

Purchaser/Measurer: SEMGAS

Location: ALFALFA 27 25N 12W  
SE SE SE SW  
250 FSL 2425 FWL of 1/4 SEC  
Latitude: 36.609296746 Longitude: -98.47800402  
Derrick Elevation: 0 Ground Elevation: 1370

First Sales Date: 04/20/2018

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		671338	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1259		695	SURFACE
PRODUCTION	7	26	P-110	7027		480	2827

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5281	0	585	6840	12121

**Total Depth: 12121**

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
May 02, 2018	MISSISSIPPIAN	111	34	1294	11657	1397	FLOWING	423	64/64	3510

Completion and Test Data by Producing Formation										
Formation Name: MISSISSIPPIAN				Code: 359MSSP				Class: OIL		
Spacing Orders				Perforated Intervals						
Order No		Unit Size		From			To			
589367		640		7161			12023			
Acid Volumes				Fracture Treatments						
5,340 BARRELS 15% GELLED AND RET ACID, 819 BARRELS 15% HCL				120,260 BARRELS SLICK WATER, 893,140 POUNDS 100 MESH, 289,530 POUNDS ROCK SALT						

Formation	Top
ENDICOTT	4602
HASKELL LIME	4955
TONKAWA	4999
AVANT	5335
COTTAGE GROVE	5455
HOGSHOOTER	5502
CHECKERBOARD	5567
BIG LIME	5726
OSWEGO	5760
CHEROKEE	5855
MISSISSIPPI LIME	6103

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  N2 N2 NW NW  165 FNL 743 FWL of 1/4 SEC  Depth of Deviation: 7275 Radius of Turn: 1416 Direction: 5 Total Length: 5094  Measured Total Depth: 12121 True Vertical Depth: 6102 End Pt. Location From Release, Unit or Property Line: 165

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1139768</div>





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. 2H-27 A

NAMES OF FORMATIONS	TOP
ENDICOTT	4,602
HASKELL LIME	4,955
TONKAWA	4,999
AVANT	5,335
COTTAGE GROVE	5,455
HOGSHOOTER	5,502
CHECKERBOARD	5,567
BIG LIME	5,726
OSWEGO	5,760
CHEROKEE	5,855
MISSISSIPPI LIME	6,103

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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 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:

640 Acres

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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	Radius of Turn	Direction	Total Length
Measured Total Depth	True Vertical Depth	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	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:	