

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.: 35151244260001

**Completion Report**

Spud Date: January 28, 2016

OTC Prod. Unit No.: 151-217401

Drilling Finished Date: February 15, 2016

1st Prod Date: April 17, 2016

Completion Date: April 15, 2016

**Drill Type: HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: GOUCHER 2514 1H-20 A

Purchaser/Measurer: SEMGAS

Location: WOODS 20 25N 14W  
NE NW NE NW  
230 FNL 1680 FWL of 1/4 SEC  
Derrick Elevation: 0 Ground Elevation: 1520

First Sales Date: 04/23/2016

Operator: MIDSTATES PETROLEUM COMPANY LLC 23079

321 S BOSTON AVE STE 600  
TULSA, OK 74103-3322

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
650953

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	1142		490	SURFACE
PRODUCTION	7	26	P-110	7001		365	3900

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5230	0	575	6676	11906

**Total Depth: 11906**

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 17, 2016	MISSISSIPPIAN	70	29	439	6271	2292	PUMPING	91	64/64	142

Completion and Test Data by Producing Formation			
Formation Name: MISSISSIPPIAN	Code: 359MSSP	Class: OIL	
<b>Spacing Orders</b>		<b>Perforated Intervals</b>	
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>
607810	640	7041	11817
<b>Acid Volumes</b>		<b>Fracture Treatments</b>	
5,352 BARRELS 15% GELLED AND RET ACID, 830 BARRELS 15% HCL		101,731 BARRELS SLICK WATER, 177,917 POUNDS ROCK SALT	

Formation	Top
HEEBNER	4725
TONKAWA	5062
AVANT LIME	5421
COTTAGE GROVE	5507
HOGSHOOTER	5573
OSWEGO	5743
CHEROKEE	5865
MISSISSIPPI	6115

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: 20 TWP: 25N RGE: 14W County: WOODS

SW SE SW SW

166 FSL 661 FWL of 1/4 SEC

Depth of Deviation: 7060 Radius of Turn: 1466 Direction: 182 Total Length: 4905

Measured Total Depth: 11906 True Vertical Depth: 6292 End Pt. Location From Release, Unit or Property Line: 166

**FOR COMMISSION USE ONLY**

1133585

Status: Accepted

RECEIVED

Form 1002A Rev. 2009

API NO. 151 24426  
OTC PROD. UNIT NO. 151 217401

PLEASE 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

MAY 19 2016

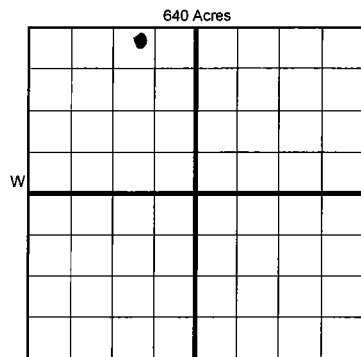
OKLAHOMA CORPORATION COMMISSION

ORIGINAL  
 AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION  
 STRAIGHT HOLE  DIRECTIONAL HOLE  HORIZONTAL HOLE  
 SERVICE WELL

SPUD DATE 01/28/2016  
DRLG FINISHED DATE 02/15/2016  
DATE OF WELL COMPLETION 04/15/2016  
1st PROD DATE 04/17/2016  
RECOMP DATE  
Longitude (if known)  
OTC/OCC OPERATOR NO. 23079



It directional or horizontal, see reverse for bottom hole location.  
COUNTY Woods SEC 20 TWP 25N RGE 14W  
LEASE NAME Goucher 2514 WELL NO. 1H-20 A  
NE 1/4 NW 1/4 NE 1/4 NW 1/4 FSL OF 1/4 SEC 230N FWL OF 1/4 SEC 1680  
ELEVATIO N Derrick Ground 1520 Latitude (if known)  
OPERATOR NAME Midstates Petroleum Company LLC  
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 650953 I.O.  
INCREASED DENSITY ORDER NO. N/A

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	1,142'		490	surface
PRODUCTION	7	26#	P-110	7,001'		365	3,900
LINER	4.5	11.6#	P-110	6,676'	11,906'	575	6,676'
						TOTAL DEPTH	11,906'

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_  
PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

COMPLETION & TEST DATA BY PRODUCING FORMATION 359 MESP

FORMATION	Mississippian								
SPACING & SPACING ORDER NUMBER	640/607810								
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil								
PERFORATED INTERVALS	7,041'-11,817'								
ACID/VOLUME	5352 bbls 15% gelled & ret acid	830 bbls 15% HCl							
FRACTURE TREATMENT (Fluids/Prop Amounts)	101,731 bbls slk wtr								
	177,917# rock salt								

Reported to Free Falls

Min Gas Allowable (165:10-17-7) OR  Oil Allowable (165:10-13-3)  
SemGas First Sales Date 04/23/2016

INITIAL TEST DATA

INITIAL TEST DATE	05/17/2016						
OIL-BBL/DAY	70						
OIL-GRAVITY ( API)	29						
GAS-MCF/DAY	439						
GAS-OIL RATIO CU FT/BBL	6,271						
WATER-BBL/DAY	2,292						
PUMPING OR FLOWING	Pumping						
INITIAL SHUT-IN PRESSURE	91						
CHOKE SIZE	64/64						
FLOW TUBING PRESSURE	142						

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.

SIGNATURE Chelce Rouse DATE 05/17/2016 PHONE NUMBER 918-947-4647  
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 Goucher 2514

WELL NO. 1H-20 A

NAMES OF FORMATIONS	TOP
Heebner	4725
Tonkawa	5062
Avant Lm	5421
Cottage Grove	5507
Hogshooter	5573
Oswego	5743
Cherokee	5865
Mississippi	6115

FOR COMMISSION USE ONLY

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


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	1/4	Feet From 1/4 Sec Lines	FSL	FWL
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								
20	25N	14W	Woods								
Spot Location				1/4 SW	1/4 SE	1/4 SW	1/4 SW	Feet From 1/4 Sec Lines	FSL 166	FWL 661	
Depth of Deviation				7,060	Radius of Turn		1,466	Direction	182	Total Length	4,905
Measured Total Depth				11,906'		True Vertical Depth		6,292'		BHL From Lease, Unit, or Property Line:	166

LATERAL #2

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