

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.: 35151236560000

Completion Report

Spud Date: May 03, 2012

OTC Prod. Unit No.: 151-211234

Drilling Finished Date: June 06, 2012

1st Prod Date: August 07, 2013

Completion Date: August 01, 2013

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HARTLEY 1H-13

Purchaser/Measurer: SEMGAS

Location: WOODS 12 26N 15W
SW SE SW SW
290 FSL 760 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1480

First Sales Date: 08/07/2013

Operator: MIDSTATES PETROLEUM COMPANY LLC 23079

4400 POST OAK PKWY STE 1900
HOUSTON, TX 77027-3444

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
610734

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	40	J-55	1023		700	SURFACE
PRODUCTION	7	23	N-80	6156		275	6096

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	N-80	4731	0	500	5793	10524

Total Depth: 10616

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
Aug 31, 2013	MISSISSIPPI LIME	67	25	1509	22522	793	PUMPING	213	64/64	86

Completion and Test Data by Producing Formation		
Formation Name: MISSISSIPPI LIME	Code: 351MSSLM	Class: GAS
Spacing Orders		Perforated Intervals
Order No	Unit Size	From
73247	640	6100
Acid Volumes		Fracture Treatments
6,150 BARRELS 15% HCL		19,499 BARRELS SLICK WATER, 27,703 BARRELS LIN GEL, 672 POUNDS 40/70 WHITE SAND, 11,958 POUNDS 10/40 SAND

Formation	Top
HEEBNER SHALE	4428
HASKELL LIME	4756
TONKAWA	4812
AVANT LIME	5094
COTTAGE GROVE	5143
OSWEGO	5380
CHEROKEE	5505
MISSISSIPPI CHAT	5642
MISSISSIPPI	5699

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
OCC: FLE ORDER HAS NOT BEEN ISSUED. WE HAVE ACCEPTED OPERATORS DATA AS SUBMITTED. IRREGULAR SECTION.

Lateral Holes

Sec: 13 TWP: 26N RGE: 15W County: WOODS

SW SE SW SW

288 FSL 671 FWL of 1/4 SEC

Depth of Deviation: 4795 Radius of Turn: 1008 Direction: 180 Total Length: 4868

Measured Total Depth: 10616 True Vertical Depth: 5748 End Pt. Location From Release, Unit or Property Line: 288

FOR COMMISSION USE ONLY

1121078

Status: Accepted

AS SUBMITTED

RECEIVED

Form 1002A
Rev. 2009API NO. 151 23656
OTC PROD. UNIT NO. 151-211234PLEASE TYPE OR USE BLACK INK
NOTE:

Attach copy of original if recompletion or reentry.

Oklahoma City, Oklahoma 73152-2000
Rule 165:10-3-25

SEP 23 2013

OKLAHOMA CORPORATION COMMISSION
640 Acres ORIGINAL
 AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION
 STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE
 SERVICE WELLSPUD DATE 5/3/12
DRLG FINISHED DATE 6/6/12
DATE OF WELL COMPLETION 8/1/13
1st PROD DATE 8/7/13

If directional or horizontal, see reverse for bottom hole location.

COUNTY Woods SEC 12 TWP 26N RGE 15W

WELL NO. 1H-13 RECOMP DATE

LEASE NAME Hartley

FSL OF 1/4 SEC 290 FWL OF 1/4 SEC 760

SW 1/4 SE 1/4 SW 1/4 SW 1/4

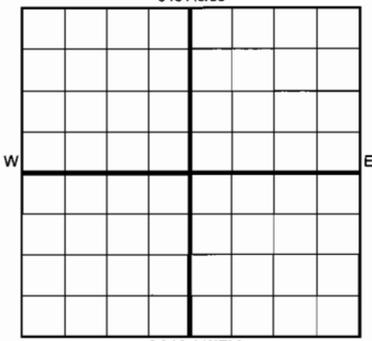
Latitude (if known) 36°44'25.7"N Longitude (if known) 98°46'14.3"W

ELEVATION N Derrick Ground 1480

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 610734
INCREASED DENSITY ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	
CONDUCTOR								
SURFACE	9-5/8	40#	J-55	1023		700	surf	
INTERMEDIATE								
PRODUCTION	7	23#	N-80	6156		275	6096	
LINER	4-1/2	11.6#	N-80	5793	10524	500	5351	
							TOTAL DEPTH	10,616'

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

351 MSSL M

FORMATION	Mississippi Lm	<i>Monitor Report to Frac Forum</i>					
SPACING & SPACING ORDER NUMBER	640/73247						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas						
PERFORATED INTERVALS	6100-10,064'						
ACID/VOLUME	15% HCl 6,150 bbls						
FRACTURE TREATMENT (Fluids/Prop Amounts)	19,499 bbls slk wtr						
	27,703 bbls lin gel						
	672# 40/70 wht sd	11,958 # 20/40 sd					

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

Gas Purchaser/Measurer

SemGas

OR

First Sales Date

8/7/13

INITIAL TEST DATA

Oil Allowable (165:10-13-3)

INITIAL TEST DATE	8/31/13				
OIL-BBL/DAY	67				
OIL-GRAVITY (API)	25				
GAS-MCF/DAY	1509				
GAS-OIL RATIO CU FT/BBL	22,522				
WATER-BBL/DAY	793				
PUMPING OR FLOWING	pumping				
INITIAL SHUT-IN PRESSURE	213				
CHOKE SIZE	64/64				
FLOW TUBING PRESSURE	86				

A report 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.

Rebecca A. Bourland

Rebecca A. Bourland

09/19/13

918-947-8553

SIGNATURE

NAME (PRINT OR TYPE)

DATE

PHONE NUMBER

321 South Boston, Suite 1000 Tulsa, OK 74103

rebecca.bourland@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 Hartley WELL NO. 1H-13

NAMES OF FORMATIONS	TOP
Heeb Shale	4428
Hask LM	4756
Tonkawa	4812
Avant Lm	5094
Cottage Grove	5143
Oswego	5380
Cherokee	5505
Miss Chat	5642
Mississippi	5699

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 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

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		Feet From 1/4 Sec Lines		FSL	FWL
1/4	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				
13	26N	15W	Woods				
Spot Location		Feet From 1/4 Sec Lines		FSL	330	FWL	660
C	1/4 S/2	1/4 SW	1/4 SW	1/4			
Depth of Deviation		Radius of Turn		Direction		Total Length	
4795		1008		180°		4868'	
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:			
10,616'		5748'		330			

LATERAL #2

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:			

LATERAL #3

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:			

