

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.: 35151237970000

Completion Report

Spud Date: November 24, 2012

OTC Prod. Unit No.: 151-209857

Drilling Finished Date: December 11, 2012

1st Prod Date: February 15, 2013

Completion Date: February 13, 2013

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: MOREHART 1H-5

Purchaser/Measurer: SEMGAS

Location: WOODS 8 26N 13W
N2 N2 NE NW
250 FNL 1980 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1444

First Sales Date: 02/15/2013

Operator: MIDSTATES PETROLEUM COMPANY LLC 23079

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

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	612136		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13.375	54.5	H-40	602		480	602
INTERMEDIATE	9 5/8	36	J-55	1043		315	SURFACE
PRODUCTION	7	26	N-80	6255		220	1904

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	N-80	4733	0	420	5872	

Total Depth: 10605

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
Mar 14, 2013	MISSISSIPPIAN	201		2150	10697	4114	PUMPING		58	180

Completion and Test Data by Producing Formation														
Formation Name: MISSISSIPPIAN	Code: 359MSSP	Class: OIL												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Spacing Orders</th> <th colspan="2" style="text-align: center;">Perforated Intervals</th> </tr> <tr> <th style="width: 50%;">Order No</th> <th style="width: 50%;">Unit Size</th> <th style="width: 50%;">From</th> <th style="width: 50%;">To</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">590291</td> <td style="text-align: center;">640</td> <td style="text-align: center;">6174</td> <td style="text-align: center;">10542</td> </tr> </tbody> </table>			Spacing Orders		Perforated Intervals		Order No	Unit Size	From	To	590291	640	6174	10542
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6,810 BARRELS 15% HCL	35,100 BARRELS SLICK WATER, 514,250 POUNDS 30/50 OTTAWA SAND													

Formation	Top
HEEBNER SHALE	4350
HASKELL LIME	4710
TONKAWA	4790
AVANT LIME	5059
COTTAGE GROVE	5092
OSWEGO	5370
CHEROKEE	5504
RED FORK	5601
MISSISSIPPI CHAT	5683
MISSISSIPPI	5729

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
IRREGULAR SECTION.

Lateral Holes
Sec: 5 TWP: 26N RGE: 13W County: WOODS NE NW NE NW 283 FNL 1956 FWL of 1/4 SEC Depth of Deviation: 5197 Radius of Turn: 924 Direction: 360 Total Length: 4431 Measured Total Depth: 10605 True Vertical Depth: 5720 End Pt. Location From Release, Unit or Property Line: 283

FOR COMMISSION USE ONLY
Status: Accepted

API NO. 151 23797
OTC PROD. UNIT NO. 151-209857

PLEASE TYPE OR USE BLACK INK
NOTE:

Attach copy of original 10
if recompletion or reentry

AS SUBMITTED

RECEIVED

Form 1002A
Rev. 2009

JUN 03 2013

☒ ORIGINAL
☐ AMENDED (Reason) _____

COMPLETION REPORT

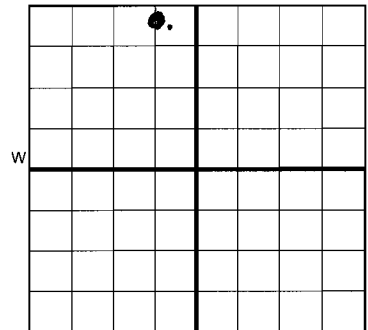
OKLAHOMA CORPORATION
COMMISSION

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
☐ SERVICE WELL

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

COUNTY Woods	SEC 08	TWP 26N	RGE 13W	SPUD DATE 11/25/12	DATE OF WELL COMPLETION 2/13/13
LEASE NAME Morehart	WELL NO. 1H-5			1st PROD DATE 2/15/13	
N/2 1/4 N/2 1/4 NE 1/4 NW 1/4	EAST OF 1/4 SEC 250 N			FWL OF 1/4 SEC 1980	RECOMP DATE
ELEVATION N Derrick Ground 1444	Latitude (if known) 36°45'11.5"N			Longitude (if known) 98°37'24.7"W	
OPERATOR NAME Midstates Petroleum Company LLC				OTC/OCC OPERATOR NO. 23079	
ADDRESS 321 South Boston, Suite 101					
CITY Tulsa		STATE OK		ZIP 74103	



LOCATE WELL

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
<input type="checkbox"/> COMMINGLED
Application Date
LOCATION
EXCEPTION ORDER
INCREASED DENSITY
ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	13.375	54.5#	H-40	602		480	602
SURFACE	9-5/8	36#	J-55	1043		315	surf
INTERMEDIATE	7	26#	N-80	6255		220	1904
PRODUCTION							
LINER	4-1/2	11.6#	N-80	5872 - 10,605		420	4733
				TOTAL DEPTH		10,605'	

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Mississippian						
SPACING & SPACING ORDER NUMBER	640/590291	GD201206300					
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil						
PERFORATED INTERVALS	10,542-6,174'						
ACID/VOLUME	15% HCl/6810 bbls						
FRACTURE TREATMENT (Fluids/Prop Amounts)	slk wtr/35,100 bbls 30/50 Ottawa sd/514,250 lbs						

☒ Min Gas Allowable (165:10-17-7)
OR
☐ Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer
First Sales Date

SemGas
2/15/13

INITIAL TEST DATA

INITIAL TEST DATE	3/14/13						
OIL-BBL/DAY	201						
OIL-GRAVITY (API)							
GAS-MCF/DAY	2150						
GAS-OIL RATIO CU FT/BBL	2047 10697						
WATER-BBL/DAY	4114						
PUMPING OR FLOWING	pumping						
INITIAL SHUT-IN PRESSURE							
CHOKE SIZE	58						
FLOW TUBING PRESSURE	180						

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.

05/29/13 918-947-8553

SIGNATURE _____ Ladd Sullins _____
321 South Boston, Suite 101 Tulsa, OK 74103
ADDRESS CITY STATE ZIP

NAME (PRINT OR TYPE) _____
I.sullins@midstatespetroleum.com
EMAIL ADDRESS

DATE _____ PHONE NUMBER _____

SCANNED

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 Morehart

WELL NO. 1H-5

NAMES OF FORMATIONS	TOP
Heeb Shale	4350
Hask LM	4710
Tonkawa	4790
Avant Lm	5059
Cottage Grove	5092
Oswego	5370
Cherokee	5504
Red Fork	5601
Miss Chat	5683
Mississippi	5729

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?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Date Last log was run	N/A
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> 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
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:
Feet From 1/4 Sec Lines	FSL	FWL	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC	TWP	RGE	COUNTY
05	26N	13W	Woods
Spot Location	1/4 N/2	1/4 NE	1/4 NW
Depth of Deviation	5297	Radius of Turn	924
Measured Total Depth	10,605	True Vertical Depth	5720
Feet From 1/4 Sec Lines	FSL 330 N	FWL 1980	
Direction	360°	Total Length	4431'
BHL From Lease, Unit, or Property Line:		330	

LATERAL #2

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