

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.: 35003232800000

Completion Report

Spud Date: August 02, 2017

OTC Prod. Unit No.: 003-222338

Drilling Finished Date: August 18, 2017

1st Prod Date: September 27, 2017

Completion Date: September 25, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: DEAN 2412 1H-11 B

Purchaser/Measurer: SEMGAS

Location: ALFALFA 11 24N 12W
SE SW SW SW
180 FSL 385 FWL of 1/4 SEC
Latitude: 36.564953478 Longitude: -98.460770196
Derrick Elevation: 0 Ground Elevation: 1317

First Sales Date: 10/05/2017

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	666487		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1254		580	SURFACE
PRODUCTION	7	26	P-110	7309		400	3336

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5368	0	590	6863	12231

Total Depth: 12231

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
Oct 10, 2017	MISSISSIPPIAN	255	31	3571	14003	4982	PUMPING	73	64/64	399

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders

Order No	Unit Size
665724	640

Perforated Intervals

From	To
7380	12005

Acid Volumes

5,131 BARRELS 15% GELLED AND RET ACID, 786 BARRELS 15% HCL
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Fracture Treatments

102,411 BARRELS SLICK WATER, 269,883 POUNDS ROCK SALT

Formation	Top
ENDICOTT	4696
HASKELL LIME	4977
TONKAWA	5033
AVANT	5427
HOGSHOOTER	5565
BIG LIME	5808
OSWEGO	5904
CHEROKEE	5957
MISSISSIPPI LIME	6274

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: 11 TWP: 24N RGE: 12W County: ALFALFA

NE NW NE NW

170 FNL 1973 FWL of 1/4 SEC

Depth of Deviation: 7371 Radius of Turn: 1398 Direction: 360 Total Length: 4922

Measured Total Depth: 12231 True Vertical Depth: 6264 End Pt. Location From Release, Unit or Property Line: 170

FOR COMMISSION USE ONLY

1137888

Status: Accepted

RECEIVED

Form 1002A
Rev. 2009

OCT 13 2017

OKLAHOMA CORPORATION COMMISSION

API NO. 003 23280
OTC PROD. UNIT NO. 003 222338

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

☒ ORIGINAL
☐ 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 11	TWP 24N	RGE 12W	SPUD DATE 08/02/2017
LEASE NAME Dean 2412	WELL NO. 1H-11 B	DATE OF WELL COMPLETION 09/25/2017	DRLG FINISHED DATE 08/18/2017	
SE 1/4 SW 1/4 SW 1/4 SW 1/4	FSL OF 1/4 SEC 180	FWL OF 1/4 SEC 385	1st PROD DATE 09/27/2017	
ELEVATION N Derrick Ground 1317	Latitude (if known) 36.564953478	Longitude (if known) -98.460770196	RECOMP DATE	
OPERATOR NAME Midstates Petroleum Company LLC	OTC/OCC OPERATOR NO. 23079			
ADDRESS 321 South Boston, Suite 1000				
CITY Tulsa	STATE OK	ZIP 74103		

640 Acres

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.

666487
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	1,254		580	surface
PRODUCTION	7	26#	P-110	7,309'		400	3,336'
LINER	4.5	11.6#	P-110	6,863'	12,231'	590	6,863'
						TOTAL DEPTH	12,231'

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	640/665724						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil						
PERFORATED INTERVALS	7,380'-12,005'						
ACID/VOLUME	5131 bbls 15% gelled & ret acid	786 bbls 15% HCl					
FRACTURE TREATMENT (Fluids/Prop Amounts)	102,411 bbls slk wtr						
	269,883# rock salt						

Reported to Fractures

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

Gas Purchaser/Measurer

SemGas

☒ x

OR

First Sales Date

10/05/2017

INITIAL TEST DATA

Oil Allowable (165:10-13-3)

INITIAL TEST DATE	10/10/2017						
OIL-BBL/DAY	255						
OIL-GRAVITY (API)	31						
GAS-MCF/DAY	3,571						
GAS-OIL RATIO CU FT/BBL	14,003						
WATER-BBL/DAY	4,982						
PUMPING OR FLOWING	Pumping						
INITIAL SHUT-IN PRESSURE	73						
CHOKE SIZE	64/64						
FLOW TUBING PRESSURE	399						

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 SIGNATURE **Chelce Rouse** NAME (PRINT OR TYPE) **09/28/2017** DATE **918-947-4647** PHONE NUMBER
321 South Boston, Suite 1000 Tulsa, OK 74103 ADDRESS **chelce.rouse@midstatespetroleum.com** EMAIL ADDRESS
CITY STATE ZIP

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 Dean 2412

WELL NO. 1H-11 B

NAMES OF FORMATIONS	TOP
ENDICOTT	4,696
HASKELL LIME	4,977
TONKAWA	5,033
AVANT	5,427
HOGSHOOTER	5,565
BIG LIME	5,808
OSWEGO	5,904
CHEROKEE	5,957
MISSISSIPPI LIME	6,274

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	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
11	24N	12W	Alfalfa
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn	Direction	Total Length
7,371	1,398	350.00 360	4,922'
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	
12,231'	6,264'	170	

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:	