

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.: 35049251150000

Completion Report

Spud Date: March 26, 2017

OTC Prod. Unit No.: 049-218974

Drilling Finished Date: May 21, 2017

1st Prod Date: August 29, 2017

Completion Date: August 29, 2017

Drill Type: HORIZONTAL HOLE

Well Name: THOROUGHbred 1-18-07WH

Purchaser/Measurer: WOODFORD EXPRESS

Location: GARVIN 18 4N 3W
SW SW SW SE
300 FSL 2440 FEL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1003

First Sales Date: 08/29/2017

Operator: RIMROCK RESOURCE OPERATING LLC 23802

20 E 5TH ST STE 1300
TULSA, OK 74103-4462

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	660939		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	54.5	J-55	480		355	SURFACE
INTERMEDIATE	9 5/8	40	HCP-110	7773		1135	SURFACE
PRODUCTION	5 1/2	20	P-110	18633		1845	9000

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 18643

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		18300	PLUGBACK

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 15, 2017	WOODFORD	17	44.5	4028	237000	50	FLOWING	630	48/64	350

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
657678	640
657714	640
660938	MULTIUNIT

Perforated Intervals

From	To
9530	18083

Acid Volumes

45,360 GALLONS 15% HCL

Fracture Treatments

344,500 BARRELS FLUID, 16,431,000 POUNDS PROPPANT

Formation	Top
GODDARD BLACK MARKER	7952
CANEY	8432
MAYES	8463
SYCAMORE	8577
WOODFORD	8669

Were open hole logs run? Yes

Date last log run: April 10, 2017

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

There are no Other Remarks.

Lateral Holes

Sec: 7 TWP: 4N RGE: 3W County: GARVIN

NE NE NE NW

173 FNL 2589 FWL of 1/4 SEC

Depth of Deviation: 8121 Radius of Turn: 509 Direction: 359 Total Length: 8553

Measured Total Depth: 18643 True Vertical Depth: 8652 End Pt. Location From Release, Unit or Property Line: 173

FOR COMMISSION USE ONLY

1138106

Status: Accepted

RECEIVED

NOV 03 2017

Form 1002A
Rev. 2009

OKLAHOMA CORPORATION COMMISSION

API NO. 049-25115
OTC PROD. UNIT NO. 049-218974

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

COMPLETION REPORT

☒ ORIGINAL
☐ AMENDED (Reason)

TYPE OF DRILLING OPERATION

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

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

COUNTY	Garvin	SEC	18	TWP	4N	RGE	3W
LEASE NAME	Thoroughbred			WELL NO.	1-18-07W		
SW 1/4 SW 1/4 SW 1/4 SE 1/4	FSL OF 1/4 SEC			300	FEL 1/4 SEC 2440		
ELEVATION	Ground	1003	Latitude (if known)		Longitude (if known)		
OPERATOR NAME	Rimrock Resource Operating, LLC			OTC/OCC OPERATOR NO.	23802		
ADDRESS	20 East 5th Street, Suite 1300						
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
COMINGLED
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 3/8	54.5	J-55	480		355	Surf.
SURFACE							
INTERMEDIATE	9 5/8	40	HCP-110	7,773'		1135	Surf.
PRODUCTION	5 1/2	20	P110	18,633'		1845	9,000'
LINER							
				TOTAL DEPTH	18,643'		

PACKER @ _____ BRAND & TYPE _____ PLUG @ 18,300 TYPE Linkdown PLUG @ 18,300 TYPE Linkdown PLUG @ 18,300 TYPE Linkdown
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION 319WDPD

FORMATION	Woodford			
SPACING & SPACING ORDER NUMBER	#657714 - 640	#657678 - 640	#660938 - 200	Monitor Report to Frac Focus
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas			
PERFORATED INTERVALS	9,530' - 18,083' OA			
ACID/VOLUME	45,360 Gal.	15% HCL		
FRACTURE TREATMENT (Fluids/Prop Amounts)	344,500 bbls. fluid			
	16,431,000# proppant			

Min Gas Allowable (165:10-17-7) OR Gas Purchaser/Measurer Woodford Express
Oil Allowable (165:10-13-3) First Sales Date 8/29/2017

INITIAL TEST DATA

INITIAL TEST DATE	10/15/2017			
OIL-BBL/DAY	17			
OIL-GRAVITY (API)	44.5			
GAS-MCF/DAY	4028			
GAS-OIL RATIO CU FT/BBL	237,000			
WATER-BBL/DAY	50			
PUMPING OR FLOWING	Flowing			
INITIAL SHUT-IN PRESSURE	630 psi			
CHOKE SIZE	48/64"			
FLOW TUBING PRESSURE	350 psi			

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: Paulette Kadow
NAME (PRINT OR TYPE): Paulette Kadow
DATE: 10/31/2017
PHONE NUMBER: 918-301-4717
ADDRESS: 20 East 5th Street, Suite 1300
CITY: Tulsa STATE: OK ZIP: 74103
EMAIL ADDRESS: pkadow@rimrockresource.com

AS SUBMITTED

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

WELL NO. 1-18-07WH

NAMES OF FORMATIONS	TOP
Goddard Black Marker	7,952
Caney	8,432
Mayes	8,463
Sycamore	8,577
Woodford	8,669

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? X yes no

Date Last log was run 4/10/2017

Was CO₂ encountered? yes X no at what depths?

Was H₂S encountered? yes X no at what depths?

Were unusual drilling circumstances encountered? yes X no

If yes, briefly explain below

Other remarks:

A blank 10x10 grid for graphing. The grid is composed of 10 columns and 10 rows of squares. A thick vertical line runs down the center, separating the grid into two 5x10 halves. A thick horizontal line runs across the middle, separating the grid into two 10x5 halves. The intersection of these two lines is at the center of the grid. The top-left corner of the grid is marked with a small dot and the number '1'. The top-right corner is marked with a small dot and the number '2'. The bottom-left corner is marked with a small dot and the number '3'. The bottom-right corner is marked with a small dot and the number '4'. The grid is intended for plotting a graph of a function.

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.

A blank 10x10 grid for graphing. The grid is composed of 10 columns and 10 rows of squares. A thick horizontal line and a thick vertical line intersect at the center, dividing the grid into four 5x5 quadrants. The top-left and bottom-right quadrants are shaded light gray. The top-right and bottom-left quadrants are white. The grid is used for graphing the function $y = \sin(x)$ for $0 \leq x \leq 2\pi$.

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:			

LATERAL #1										per FILE exhibit									
SEC	7	TWP	4N	RGE	3W	COUNTY					Garvin								
Spot Location		NE		NE		NW		NW		173		FWL 2589							
NW		NE		NW		NW		NE		165		FEET 2580							
Depth of Deviation		8121		Radius of Turn		509		Direction		359		Total Length							
Measured Total Depth		18,643		True Vertical Depth		8,652		BHL From Lease, Unit, or Property Line:		165		173							

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:		

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:			