

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.: 35049250920000

Completion Report

Spud Date: January 24, 2017

OTC Prod. Unit No.: 049-218819

Drilling Finished Date: March 21, 2017

1st Prod Date: August 23, 2017

Completion Date: August 23, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HERRIN 1-32-29H

Purchaser/Measurer: WOODFORD EXPRESS

Location: GARVIN 32 2N 2W
SE SW NW SW
1400 FSL 440 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1045

First Sales Date: 08/23/2017

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	668961		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	1523		825	SURFACE
INTERMEDIATE	9 5/8	43.5	HCP-110	8112		1295	8112
PRODUCTION	5 1/2	23	P-110	17761		1660	7230

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

Total Depth: 17776

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
Sep 27, 2017	WOODFORD	604	45	1504	2490	586	GAS LIFT	460	50/64	500

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders

Order No	Unit Size
647469	640
657601	640
668682	MULTIUNIT

Perforated Intervals

From	To
9360	17708

Acid Volumes

42,000 GALLONS 15% HCL

Fracture Treatments

344,290 BARRELS FLUID, 16,500,000 POUNDS PROPPANT

Formation	Top
CHECKERBOARD	6869
GIBSON	7475
HART	7641
CANEY	8834
MAYES	8934
SYCAMORE	9033
WOODFORD	9244

Were open hole logs run? Yes

Date last log run: March 20, 2017

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

There are no Other Remarks.

Lateral Holes

Sec: 29 TWP: 2N RGE: 2W County: GARVIN

SE NW NW NW

344 FNL 470 FWL of 1/4 SEC

Depth of Deviation: 8800 Radius of Turn: 750 Direction: 360 Total Length: 8348

Measured Total Depth: 17776 True Vertical Depth: 8520 End Pt. Location From Release, Unit or Property Line: 344

FOR COMMISSION USE ONLY

1138013

Status: Accepted

RECEIVED

OCT 23 2017

Form 1002A
Rev. 2009

OKLAHOMA CORPORATION
COMMISSION

API NO. 049-25092
OTC PROD. 049-218819
UNIT NO.

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
☐ SERVICE WELL

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

COUNTY	Garvin	SEC	32	TWP	2N	RGE	2W
LEASE NAME	Herrin			WELL NO.	1-32-29H		
SE 1/4 SW 1/4 NW 1/4 SW 1/4	FSL OF 1/4 SEC	1400	FWL OF 1/4 SEC	440	DATE OF WELL COMPLETION	8/23/2017	
ELEVATION	Ground	1045	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

W										E									
LOCATE WELL																			

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
COMINGLED
Application Date
LOCATION
EXCEPTION ORDER
INCREASED DENSITY
ORDER NO. 668961 F.O.

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	1,523		825	Surf.
SURFACE							
INTERMEDIATE	9 5/8	43.5	HCP-110	8,112		1295	8,112
PRODUCTION	5 1/2	23	P110	17,761		1660	7230
LINER							
				TOTAL DEPTH	17,776		

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford						
SPACING & SPACING ORDER NUMBER	#657601 - 640	#647469 - 640	Multi Unit #	668682 F.O.			Monitor Report to Frac Focus
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil						
PERFORATED INTERVALS	9,360' - 17,708' OA						
ACID/VOLUME	42,000 gals.	15% HCL					
FRACTURE TREATMENT (Fluids/Prop Amounts)	344,290 bbls Fluid						
	16,500,000# proppant						

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

Gas Purchaser/Measurer
First Sales Date

Woodford Express
8/23/2017

INITIAL TEST DATA

INITIAL TEST DATE	9/27/2017					
OIL-BBL/DAY	604					
OIL-GRAVITY (API)	45.0					
GAS-MCF/DAY	1504					
GAS-OIL RATIO CU FT/BBL	2490					
WATER-BBL/DAY	586					
PUMPING OR FLOWING	Gas Lift					
INITIAL SHUT-IN PRESSURE	460 psi					
CHOKE SIZE	50/64"					
FLOW TUBING PRESSURE	500 psi					

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	NAME (PRINT OR TYPE)	DATE	PHONE NUMBER
Paulette Kadow	Paulette Kadow	10/19/2017	918-301-4717
ADDRESS	CITY	STATE	ZIP
20 East 5th Street, Suite 1300	Tulsa	OK	74103
EMAIL ADDRESS		pkadow@rimrockresource.com	

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.

NAMES OF FORMATIONS	TOP
Checkerboard	6,869
Gibson	7,475
Hart	7,641
Caney	8,834
Mayes	8,934
Sycamore	9,033
Woodford	9,244

LEASE NAME Herrin WELL NO. 1-32-29H

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 3/20/2017

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: _____

640 Acres

0							

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)

Per FLO 668961

SEC	TWP	RGE	COUNTY
29	2N	2W	Garvin
Spot Location	NE 1/4	NW 1/4	NW 1/4
Depth of Deviation	8,800	Radius of Turn	750
Measured Total Depth	17,776	True Vertical Depth	8,520 - 9,209
Feet From 1/4 Sec Lines	FNL	344	470
Total Length	165	344	440
BHL From Lease, Unit, or Property Line:		165 344	

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		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		BHL From Lease, Unit, or Property Line: