

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.: 35049251650001

Completion Report

Spud Date: January 12, 2018

OTC Prod. Unit No.: 049-223301

Drilling Finished Date: February 27, 2018

1st Prod Date: April 23, 2018

Completion Date: April 04, 2018

Drill Type: HORIZONTAL HOLE

Well Name: MORGAN 1-19UWH

Purchaser/Measurer: WOODFORD EXPRESS

Location: GARVIN 30 4N 4W
NE NW NW NW
235 FNL 350 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1112

First Sales Date: 04/23/2018

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	There are no Location Exception records to display.		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	1519		825	SURFACE
INTERMEDIATE	9 5/8	40	P-110	11069		1285	SURFACE
PRODUCTION	5 1/2	20	DWC	17218		1225	11120

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

Total Depth: 17233

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
Jun 05, 2018	WOODFORD	166	65	5052	30433	605	FLOWING	1100	50/64	400

Completion and Test Data by Producing Formation									
Formation Name: WOODFORD				Code: 319WDFD			Class: GAS		
Spacing Orders				Perforated Intervals					
Order No		Unit Size		From			To		
661597		640		13560			17167		
Acid Volumes				Fracture Treatments					
25,000 GALLONS 15% HCL				188,000 BARRELS + 6,117,000 POUNDS SAND					

Formation	Top
HOGSHOOTER	7798
CHECKERBOARD	8194
GIBSON	8888
HART	9140
PRIMROSE	10244
CUNNINGHAM	10619
CANEY	13096
MAYES	13164
SYCAMORE	13216
WOODFORD	13510

Were open hole logs run? Yes
Date last log run: February 05, 2016

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
OCC - THIS WELL'S COMPLETION INTERVAL IS WITHIN THE PARAMETERS ALLOWED BY THE SPACING ORDER 661597.

Lateral Holes
Sec: 19 TWP: 4N RGE: 4W County: GARVIN SE SW NW NW 1610 FNL 404 FWL of 1/4 SEC Depth of Deviation: 12953 Radius of Turn: 750 Direction: 360 Total Length: 4280 Measured Total Depth: 17233 True Vertical Depth: 12323 End Pt. Location From Release, Unit or Property Line: 404

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1140483</div>

API NO. 049-25165X
OTC PROD. UNIT NO. 049-223301

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

RECEIVED

AUG 06 2018

OKLAHOMA CORPORATION
COMMISSION

Form 1002A
Rev. 2009

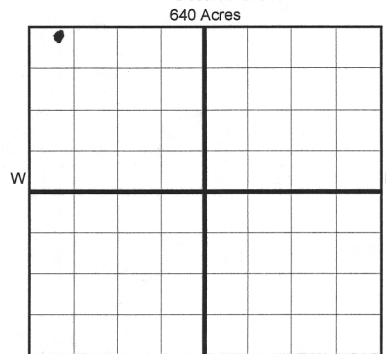
☒ ORIGINAL
☐ AMENDED (Reason)

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	30	TWP	4N	RGE	4W
LEASE NAME	Morgan	WELL NO.	1-19UWH				
NE 1/4 NW 1/4 NW 1/4 NW 1/4	FNI OF 1/4 SEC	235	FWL 1/4 SEC	350	DATE OF WELL COMPLETION 4/4/2018		
ELEVATION Derrick FL	Ground	1112	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		



COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
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							
SURFACE	13 3/8	54.5#	J-55	1,519'		825	Surf.
INTERMEDIATE	9 5/8	40#	P-110	11,069'		1285	Surf.
PRODUCTION	5 1/2	20#	DWC	17,218'		1225	11,120'
LINER							
						TOTAL DEPTH	17,233'

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	#661597 \ 640 ac.						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas						
	13,560' - 17,167'						
PERFORATED INTERVALS							
ACID/VOLUME	25,000 gals 15% HCL						
	188,000 bbls +						
FRACTURE TREATMENT (Fluids/Prop Amounts)	6,117,000# of sand.						

Reported to Frac Focus

Min Gas Allowable (165-10-17-7) ☐ OR Oil Allowable (165-10-13-3) ☐
Gas Purchaser/Measurer Woodford Express
First Sales Date 4/23/2018

INITIAL TEST DATA

INITIAL TEST DATE	6/5/2018					
OIL-BBL/DAY	166					
OIL-GRAVITY (API)	65.0					
GAS-MCF/DAY	5052					
GAS-OIL RATIO CU FT/BBL	30,433:1					
WATER-BBL/DAY	605					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	1100#					
CHOKE SIZE	50/64"					
FLOW TUBING PRESSURE	400#					

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	8/2/2018	918-301-4717
20 East 5th Street, Suite 1300	Tulsa OK 74103	pkadow@rimrockresource.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.

NAMES OF FORMATIONS	TOP
Hogshooter	7,798'
Checkerboard	8,194'
Gibson	8,888'
Hart	9,140'
Primrose	10,244'
Cunningham	10,619
Caney	13,096'
Mayes	13,164
Sycamore	13,216
Woodford	13,510

LEASE NAME Morgan WELL NO. 1-19UWH

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?	<u>X</u> yes	no
Date Last log was run	<u>2/5/2018</u>	
Was CO ₂ encountered?	yes	<u>X</u> no at what depths? _____
Was H ₂ S encountered?	yes	<u>X</u> no at what depths? _____
Were unusual drilling circumstances encountered?	yes	<u>X</u> 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	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
19	4N	4W	Garvin
Spot Location			
SE 1/4	SW 1/4	NW 1/4	NW 1/4
Depth of Deviation		Radius of Turn	Direction
12,953'		750	360-185
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:
17,233'		12,323'	404'

LATERAL #2			
SEC	TWP	RGE	COUNTY
Spot Location			
1/4	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	1/4
Depth of Deviation		Radius of Turn	Direction
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line: