# Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma 73152-2000

Rule 165: 10-3-25

OTC Prod. Unit No.: Drilling Finished Date: August 01, 2013

1st Prod Date: September 25, 2013

Completion Date: September 07, 2013

Drill Type: STRAIGHT HOLE

Well Name: TWF 29-1 Purchaser/Measurer:

Location: WOODWARD 29 21N 21W

NW SE NW SW

1880 FSL 885 FWL of 1/4 SEC

Derrick Elevation: 2319 Ground Elevation: 2307

Operator: ROCK CREEK RESOURCES LLC 23086

700 17TH ST STE 1300 DENVER, CO 80202-3550

	Completion Type			
Х	Single Zone			
	Multiple Zone			
Commingled				

Location Exception
Order No
There are no Location Exception records to display.

Increased Density
Order No
There are no Increased Density records to display.

First Sales Date:

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	8 5/8	23	J-55	852	2950	580	SURFACE
PRODUCTION	5 1/2	17	J-55	7715	5320	990	2110

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

Total Depth: 7800

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

Plug			
Depth	Plug Type		
7693	PBTD		

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	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 25, 2013	COTTAGE GROVE	11	37			178	PUMPING			

# **Completion and Test Data by Producing Formation**

Formation Name: COTTAGE GROVE

Code: 405CGGV

Class: OIL

Spacing Orders			
Order No	Unit Size		
472351	UNIT		

Perforated Intervals				
From To				
7530	7542			

Acid Volumes
1,000 GALLONS 15% HCL

Fracture Treatments	
1,481 BARRELS, 83,900 POUNDS 20/40	

Formation	Тор
VIRGIL	3820
HASKELL	6960
TONKAWA	7093
AVANT	7437
COTTAGE GROVE	7513
COTTAGE GROVE SS	7530

Were open hole logs run? Yes Date last log run: August 29, 2013

Were unusual drilling circumstances encountered? No Explanation:

# Other Remarks

There are no Other Remarks.

# FOR COMMISSION USE ONLY

1121330

Status: Accepted

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Form 1002A LEASE TYPE OR USE BLAC 153-23545 NO NOTE: OTC PROD Attach copy of original UNIT NO OCT 08 2013 if recompletion or ree XORIGINAL Rule 165:10-3-25 OKLAHOMA CORPORATION AMENDED (Reason) COMPLETION REPORT COMMISSION TYPE OF DRILLING OPERATION SPUD DATE 7/21/2013 X STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE SERVICE WELL DRLG FINISHED 8/1/2013 If directional or horizontal, see reverse for bottom hole location DATE DATE OF WELL COUNTY Woodward SEC 29 TWP 21N RGE 21W 9/7/2013 COMPLETION LEASE WELL TWF 29-1 9/25/2013 1st PROD DATE NAME NO. 1,880 FWL OF NW 1/4 SE 1/4 NW 1/4 SW 1/4 FSL OF 885 RECOMP DATE N/A Longitude 2.319' Ground 2,307' Latitude (if known) N Demick (if known) X OPERATOR OTC/OCC Rock Creek Resources, LLC 23086 NAME OPERATOR NO. ADDRESS 700 - 17th Street, Suite 1300 CITY Denver STATE CO ZIP 80202 LOCATE WELL **COMPLETION TYPE** CASING & CEMENT (Form 1002C must be attached) X SINGLE ZONE TYPE SIZE WEIGHT GRADE FEET PSI SAX TOP OF CMT MULTIPLE ZONE CONDUCTOR Application Date 580 COMMINGLED 500 SURFACE 8-5/8" 23# 852' 2,950 410 Surface J-55 Application Date LOCATION 10021 INTERMEDIATE EXCEPTION ORDER INCREASED DENSITY PRODUCTION 5-1/2" 17# J-55 7,715 5,320 990 2,110' ORDER NO. LINER TOTAL 7800 **PBTD** PACKER @ \_\_\_ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE DEPTH \_BRAND & TYPE PACKER @\_\_\_ PLUG @ 7,693' TYPE PLUG @ \_ TYPE COMPLETION & TEST DATA BY PRODUCING FORMATION FORMATION Cottage Grove SPACING & SPACING 472351 - Unitized ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Oil Disp, Comm Disp, Svc 7,530'-7,542' PERFORATED INTERVALS ACID/VOLUME 15% HCI / 1,000gal YES FRACTURE TREATMENT 1,481 BBLS (Fluids/Prop Amounts) 83.900# 20/40 Min Gas Allowable (165:10-17-7) Gas Purchaser/Measurer OR First Sales Date **INITIAL TEST DATA** Oil Allowable (165:10-13-3) 9/25/2013 INITIAL TEST DATE OIL-BBL/DAY **11 BBLS** OIL-GRAVITY (API) 37 GAS-MCF/DAY 0 GAS-OIL RATIO CU FT/BBL -----**178 BBLS** WATER-BBL/DAY PUMPING OR FLOWING PUMPING INITIAL SHUT-IN PRESSURE \_\_\_\_\_ CHOKE SIZE FLOW TUBING PRESSURE 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 the 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. Brett Wisner, Sr. Landman 10/3/2013 303-382-2170 SIGNATURE NAME (PRINT OR TYPE) DATE PHONE NUMBER 700 - 17th Street, Suite 1300 Denver CO 80202 bwisner@rockcreekresourcesllc.com **ADDRESS** CITY STATE ZIP EMAIL ADDRESS

Rev 2009

#### 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.

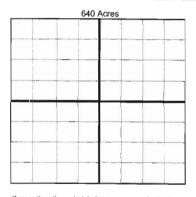
NAMES OF FORMATIONS	TOP
Virgil	3,820
Haskell	6,960
Tonkawa	7,093
Avant	7,437
Cottage Grove	7,513
Cottage Grove SS	7,530
	l

LEASE NAME		TWF		w	ELL NO.	29-1
		FO	R COMMIS	SION USE ON	LY	
ITD on file APPROVED	YES DISAPPRO	DVED	2) Reject	Codes		
Were open hole	logs run?	X_yes	no			
Date Last log wa	s run		8/29/2	013	_	
Was CO₂ encou	ntered?	yes	_X_no	at what depth	s?	
Was H₂S encour	itered?	yes	X no	at what depth	s?	

yes X no

Other remarks:	

Were unusual drilling circumstances encountered? If yes, briefly explain below



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					
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		1			
		-			
				_	

# BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNT	I Ť			
Spot Locat	on 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
		BHL From Lease, Unit, or Property Line:					

### BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC	TWP	RGE		COUNTY			
Spot Loca	ation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation			Radius of Tum		Direction	Total Length	
Measured	Total Depth		True Vertical De	oth	BHL From Lease, Unit, or Pr	operty Line:	

LATERAL #2

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 De	pth	BHL From Lease, Unit, or Pr	operty Line:	

I ATEDAL #2

SEC	TWP	RGE		COUNTY			
Spot Location	on 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 T	otal Depth		True Vertical Dep	pth	BHL From Lease, Unit, or Pr	operty Line:	