

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.: 35051236800002

Completion Report

Spud Date: May 07, 2013

OTC Prod. Unit No.: 087-211058-0-0000

Drilling Finished Date: June 21, 2013

Amended

1st Prod Date: August 06, 2013

Amend Reason: RECOMPLETION TO DEESE FORMATION

Completion Date: September 12, 2013

Recomplete Date: December 10, 2020

Drill Type: DIRECTIONAL HOLE

Min Gas Allowable: Yes

Well Name: DOUGHERTY WELCH 4

Purchaser/Measurer: ONEOK

Location: GRADY 1 4N 5W
NE SE NW NW
667 FNL 1060 FWL of 1/4 SEC
Derrick Elevation: 1012 Ground Elevation: 995

First Sales Date: 07/31/2013

Operator: RED ROCKS OIL & GAS OPERATING LLC 22649

1321 N ROBINSON AVE STE A
OKLAHOMA CITY, OK 73103-4821

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	9 5/8	36	J-55	1012		375	SURFACE
PRODUCTION	5 1/2	17	P-110	13450		1325	9226

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

Total Depth: 13450

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

Plug	
Depth	Plug Type
12442	CIBP
10220	CIBP
10180	CIBP

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
Mar 30, 2021	DEESE	15	41	70	4666	2	FLOWING	300	OPEN	200

Completion and Test Data by Producing Formation

Formation Name: DEESE

Code: 404DEESS

Class: OIL

Spacing Orders

Order No	Unit Size
549584	160

Perforated Intervals

From	To
10000	10046

Acid Volumes

ALL FRAC STAGES (1 & 2): 9,633 BARRELS OF 15% ACID
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Fracture Treatments

ALL FRAC STAGES (1 & 2): 107,606 POUNDS OF 40/70 SAND

Formation	Top
SYCAMORE	11011
HUNTON	11589
CHIMNEY HILL	11910
VIOLA	12149

Were open hole logs run? Yes

Date last log run: June 17, 2013

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

CIBP HAS BEEN SET ABOVE ALL OTHER PERFS, ONLY DEESE IS PRODUCING AT THIS TIME

Bottom Holes

Sec: 1 TWP: 4N RGE: 5W County: GRADY

SW NE SW NW

833 FSL 943 FWL of 1/4 SEC

Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0

Measured Total Depth: 13450 True Vertical Depth: 13345 End Pt. Location From Release, Unit or Property Line: 833

FOR COMMISSION USE ONLY

1146387

Status: Accepted