

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.: 35081241450002

Completion Report

Spud Date: July 25, 2013

OTC Prod. Unit No.:

Drilling Finished Date: August 04, 2013

Amended

1st Prod Date:

Amend Reason: OCC REQUIRED PLUG BACK

Completion Date: November 23, 2013

Recomplete Date: June 09, 2015

Drill Type: STRAIGHT HOLE

SERVICE WELL

Well Name: NORTHCUT SWD 21-1

Purchaser/Measurer:

Location: LINCOLN 21 16N 2E
SE NE NE SE
2190 FSL 2390 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1050

First Sales Date:

Operator: ORCA OPERATING COMPANY LLC 22354

427 S BOSTON AVE STE 400
TULSA, OK 74103-4114

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	873	700	240	SURFACE
PRODUCTION	7	26	J-55	5774	1000	240	4050

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

Total Depth: 7500

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
5715	ARROWSET 1X	7400	CEMENT

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
-----------	-----------	----------------	----------------------	----------------	----------------------------	------------------	----------------------	---------------------------------	---------------	-------------------------

There are no Initial Data records to display.

Completion and Test Data by Producing Formation

Formation Name: ARBUCKLE

Code: 169ABCK

Class: DISP

Spacing Orders	
Order No	Unit Size
NONE	

Perforated Intervals	
From	To
There are no Perf. Intervals records to display.	

Acid Volumes	
There are no Acid Volume records to display.	

Fracture Treatments	
There are no Fracture Treatments records to display.	

Formation	Top
ARBUCKLE	5595

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM BOTTOM OF THE 7" CASING AT 5,774' TO TOP OF CEMENT PLUG AT 7,400'. UIC PERMIT NUMBER 1306910166

FOR COMMISSION USE ONLY	
Status: Accepted	1138891

API NO. 081-24145
OTC PROD.
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

RECEIVED

FEB 20 2018

Form 1002A
Rev. 2009

OKLAHOMA CORPORATION
COMMISSION

☐ ORIGINAL
☒ AMENDED (Reason)

OCC req'd plug back

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	Lincoln	SEC	21	TWP	16N	RGE	02E	SPUD DATE	07/25/2013
LEASE NAME	Northcut SWD			WELL NO.	21-1	DATE OF WELL COMPLETION	11/23/2013	DRLG FINISHED DATE	08/04/2013
SE 1/4 NE 1/4 NE 1/4 SE 1/4	FSL OF 1/4 SEC	2190	FWL OF 1/4 SEC	2390	1st PROD DATE	N/A			
ELEVATION Derrick FL	Ground	1050	Latitude (if known)			RECOMP DATE	06/09/2015		
OPERATOR NAME	ORCA Operating Company LLC				OTC/OCC OPERATOR NO.	22354			
ADDRESS	427 South Boston, Suite 400								
CITY	Tulsa		STATE	OK		ZIP	74103-4114		

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							
SURFACE	9-5/8"	36-lb	J55	873	700	240	Surface
INTERMEDIATE							
PRODUCTION	7"	26-lb	J55	5774	1000	240	4050
LINER							

PACKER @ 5,715 BRAND & TYPE Arrowset 1X PLUG @ 7400 TYPE Cmt PLUG @ TYPE TOTAL DEPTH 7,500
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Arbuckle
SPACING & SPACING ORDER NUMBER	None
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Disposal
PERFORATED INTERVALS	OH 5774-7400 open hole Plugged back from Orig TD at 7500 ft
ACID/VOLUME	
FRACTURE TREATMENT (Fluids/Prop Amounts)	

Min Gas Allowable (165:10-17-7)

Gas Purchaser/Measurer

N/A

OR

First Sales Date

N/A

INITIAL TEST DATA

INITIAL TEST DATE	Disp Well
OIL-BBL/DAY	
OIL-GRAVITY (API)	
GAS-MCF/DAY	
GAS-OIL RATIO CU FT/BBL	
WATER-BBL/DAY	
PUMPING OR FLOWING	
INITIAL SHUT-IN PRESSURE	
CHOKE SIZE	
FLOW TUBING PRESSURE	

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 WAYNE K TAYLOR DATE 02/07/2018 PHONE NUMBER 918-728-1801
ADDRESS C/O ORCA Operating Co 427 So Boston Suite 400 Tulsa 74103 CITY STATE ZIP EMAIL ADDRESS waynetaylor@extectengineering.com

Per original
less of formations 1002A

PLEASE NAME

Northcut SWI

WELL NO.

NAMES OF FORMATIONS	TOP
Arbuckle	5595

FOR COMMISSION USE ONLY	
ITD on file	<input type="checkbox"/> YES <input type="checkbox"/> NO
APPROVED	DISAPPROVED
	2) Reject Codes <hr/> <hr/> <hr/> <hr/> <hr/>

Were open hole logs run? _____ yes X no
Date Last log was run _____
Was CO₂ encountered? _____ yes X no at what depths? Per. Original 1002A
Was H₂S encountered? _____ yes X no at what depths? _____
Were unusual drilling circumstances encountered? _____ yes X no
If yes, briefly explain below

Other remarks:

Other remarks: OCC - This well is an open hole completion from bottom of the Tⁿ casing at 5774' to top of cement plug at 7400' UIC permit 1306910166.

640 Acres

A 10x10 grid representing 640 acres. The grid is divided into four 5x5 quadrants by a thick black cross. The top-left quadrant is shaded light blue. The text '640 Acres' is written in the top right corner of the grid.

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

A 10x10 grid representing 640 acres. The grid is divided into four 5x5 quadrants by a thick black cross. The top-left quadrant is shaded light blue. The top-right quadrant is shaded light green. The bottom-left quadrant is shaded light orange. The bottom-right quadrant is white.

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY			
Spot Location						
1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
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			
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:			

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 Depth	BHL From Lease, Unit, or Property Line:			

LATERAL #3

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:			