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

Rule 165: 10-3-25

API No.: 35051239700001 Completion Report Spud Date: September 11, 2015

OTC Prod. Unit No.: 051-216901 Drilling Finished Date: October 18, 2015

1st Prod Date: December 06, 2015

Completion Date: November 14, 2015

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: OSBORN 1H-19 Purchaser/Measurer: SUPERIOR PIPELINE

Location: GRADY 29 10N 5W First Sales Date: 12/06/2015

NE SW NW NW

670 FNL 405 FWL of 1/4 SEC

Derrick Elevation: 1309 Ground Elevation: 1276

Operator: CITIZEN ENERGY II LLC 23559

320 S BOSTON AVE STE 1300 TULSA, OK 74103-4702

Completion Type					
Х	Single Zone				
	Multiple Zone				
	Commingled				

Location Exception
Order No
654781

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

Casing and Cement									
Type Size Weight Grade Feet PSI SAX Top of CMT									
CONDUCTOR	20	94	LS	60			SURFACE		
SURFACE	9 5/8	36	J-55	1030		421	SURFACE		
PRODUCTION	7	29	P-110	8940		346	5940		

Liner								
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.5	P-110	6248	0	600	8708	14956

Total Depth: 14958

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

Plug						
Depth	Plug Type					
There are no Plug records to display.						

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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
Dec 05, 2015	MISSISSIPPIAN	544	45	1942	3570	1077	FLOWING		64/64	475

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

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders						
Order No	Unit Size					
643197	640					

Perforated Intervals						
From To						
9916	14857					

Acid Volumes
15,000 GALLONS

Fracture Treatments
213,000 BARRELS, 9,054,145 POUNDS PROPPANT

Formation	Тор
HOGSHOOTER	7537
CHECKERBOARD	7644
MARMATON	8652
OSWEGO LIME	8687
CHEROKEE	8714
VERDIGRIS LIME	8852
LOWER SKINNER SAND	8953
PINK LIMESTONE	9049
INOLA LIMESTONE	9180
CANEY SHALE	9317
SYCAMORE LIMESTONE	9382
WOODFORD SHALE	9457
KINDERHOOK SHALE	9524

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

### Other Remarks

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED.

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#### **Lateral Holes**

Sec: 19 TWP: 10N RGE: 5W County: GRADY

NW NE NE NE

80 FNL 400 FEL of 1/4 SEC

Depth of Deviation: 9027 Radius of Turn: 583 Direction: 3 Total Length: 5923

Measured Total Depth: 14958 True Vertical Depth: 9301 End Pt. Location From Release, Unit or Property Line: 80

# FOR COMMISSION USE ONLY

1133477

Status: Accepted

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	,01				RIBA	CIE	ILANESID)	ľ
API 051-23970	PLEASE TYPE OR USE I	041 - 110-11	280		Form 1002A			
OTC PROD. 051-216901	Attach copy of orig	Oll & Gas	ORPORATION COMMISSION  Conservation Division	MAY 0 3 2016			Rev. 2009	
<u> </u>	if recompletion o			: Office Box 52000 ity, Oklahoma 73152-2000	OKI ALIO	84A CC	PPORATION	į
X ORIGINAL AMENDED (Reason)				Rule 165:10-3-25 PLETION REPORT	<b>UKL</b> AHU C	OMMIS	RPORATION SSION	
TYPE OF DRILLING OPERATION	ON		SPUD DATE	9/11/2015	·	640 Acres		
STRAIGHT HOLE SERVICE WELL	DIRECTIONAL HOLE	HORIZONTAL HOLE	DRLG FINISHED	<del></del>				
If directional or horizontal, see I		40Nmor OCIAL	DATE DATE OF WELL	10/18/2015	•			
COUNTY GRAD		VELL 41146	COMPLETION	11/14/2015				
NAME	OSBORN	NO. 111-18	1st PROD DATE	12/6/2015	$\mathbf{A}$			
NE 1/4 SW 1/4 NW	114 OLC	1/4 SEC 405						
N Demick 1309 Group		107	(if known)	97°45'27.79"		_		
NAME	CITIZEN ENERGY II, I	OP OP	ERATOR NO.	23559				
ADDRESS		S. BOSTON AVE.				_		
СПТУ	TULSA	STATE	OK ZIP	74103	L	CATE WE	LL.	
X SINGLE ZONE		CASING & CEMENT (F	orm 1002C must be SIZE WEIGHT	e attached) GRADE FEET	PSI	SAX	TOP OF CMT	
MULTIPLE ZONE Application Date			20" 94#	LS 60'	FUI		SURFACE	
COMMINGLED Application Date	654781 TO.	<del></del>	)-5/8" 36#	J-55 1030'		420	SURFACE	
LOCATION EXCEPTION ORDER	-643210 E.O.	INTERMEDIATE	7" 29#	P-110 8940'		346	5940'	
INCREASED DENSITY ORDER NO.		PRODUCTION						
		LINER 4	-1/2" 13.5#	P-110 8707.6'-149		600	8707.6'	
PACKER @ N/A BRAN		PLUG @	TYPE	PLUG @TYPE		TOTAL DEPTH	14958'	
	ND & TYPE	PLUG @ 359m	TYPE 5 S P	PLUG @TYPE				
FORMATION	MISSISSIPPIAN					N	mitor	
SPACING & SPACING ORDER NUMBER	640 ACRE - 643197					R	eport to Fr	ac Focus
CLASS: Oil, Gas, Dry, Inj. Disp. Comm Disp. Svc	OIL	<u> </u>					7	
PERFORATED	0.045 14.05	//						
INTERVALS	9,916'-14,857'		80.0		TEN			
ACID/VOLUME	15000 gals	+	IA5 5	SUBMIT	IEUZ			
	213,000 bbis	+3				-		
FRACTURE TREATMENT (Fluids/Prop Amounts)	9,054,145# proppant	-//				<del></del>		
,								
	Min Gas Allo	wable (195:10-1	17-7)	Gas Purchaser/Measure	s SU	PERIO	R PIPELINE	
INITIAL TEST DATA	X OR Oil Allowable	e (165:10-13-3)		First Sales Date		12/6	/2015	
INITIAL TEST DATE	12/5/2015							
OIL-BBL/DAY	544		1.	-				
OIL-GRAVITY ( API)	45							
GAS-MCF/DAY	1942							
GAS-OIL RATIO CU FT/BBL	3570							
WATER-BBL/DAY	1077							
PUMPING OR FLOWING	FLOWING							
INITIAL SHUT-IN PRESSURE			<u> </u>					
CHOKE SIZE	64/64"							
FLOW TUBING PRESSURE	475 psig	<u> </u>			<u></u>			
A record of the formations dri to make this report, which was	led through, and pertinent remark prepared by me or under my sup	is are presented on the reve ervision and direction, with	erse. I declare that I i the data and facts sta	have knowledge of the contents aled herein to be true, correct, a	of this report and am nd complete to the be	authorized est of my kn	by my organization owledge and belief.	
Burkhan	Print	BA	RKLEY PRUIT	<u>T</u>	4/28/2016	91	18-949-4680	
SIGNAT 320 S. BOS			ME (PRINT OR TYPE OK 7410)	•	INFO@CE20		IONE NUMBER	
ADDR			STATE ZIP		EMAIL ADDE			

## 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. LEASE NAME WELL NO. NAMES OF FORMATIONS TOP FOR COMMISSION USE ONLY Hogshooter 7537 ITD on file YES \_\_\_NO Checkerboard 7644 APPROVED DISAPPROVED 2) Reject Codes Marmaton 8652' Oswego Lime 8687' Cherokee 8714' Verdigris Lime 8852' Lower Skinner Sand 89531 Pink Limestone 9049' Inola Limestone 9180' Caney Shale 9317' \_\_\_yes \_X\_no Were open hote logs run? Sycamore Limestone 9382' Date Last log was nun Kinderhook Shale 9524' Was CO<sub>2</sub> encountered? no at what depths? Woodford Shale 9457' Was H<sub>2</sub>S encountered? X\_no Were unusual drilling circumstances encountered? If yes, briefly explain below Other remarks: 640 Acres **BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE** COUNTY Spot Location 1/4 Feet From 1/4 Sec Lines FNL FEL Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line: **BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)** LATERAL #1 SEC 19 TWP COUNTY 10N 05W **GRADY** Spot Location Feet From 1/4 Sec Lines FNL 80 FEL 400' NW 1/4 NE NE NE 1/4 Radius of Turn Depth of Total 9027 Deviation
Measured Total Depth If more than three drainholes are propo 583 3.09 5923' Length rty Line: separate sheet indicating the necessary information. True Vertical Deoth BHL From Lease, Unit, or Prope 149581 9301 80' Direction must be stated in degrees azimuth.

Please note, the horizontal drainhole and its end point must be located within the boundaries of the LATERAL #2 TWP lease or spacing unit. ŔĠĔ COUNTY Directional surveys are required for all Spot Location 1/4 Feet From 1/4 Sec Lines FSL FWL drainholes and directional wells. 1/4 640 Acre Depth of Radius of Turn Direction Total Length BHL From Lease, Unit, or Property Line: sured Total Depth True Vertical Depth LATERAL #3 COUNTY Feet From 1/4 Sec Lines FSL FWL 1/4 1/4 Radius of Turn Depth of Direction Total Deviation | Length BHL From Lease, Unit, or Property Line: sured Total Depth True Vertical Depth

**OSBORN** 

1H-19