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

Rule 165: 10-3-25

OTC Prod. Unit No.: 051-226033-0-0000 Drilling Finished Date: July 27, 2019

1st Prod Date: September 06, 2019

Completion Date: September 06, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

First Sales Date: 09/06/2019

Well Name: LIVINGSTON 0112 5H Purchaser/Measurer: DCP MIDSTREAM

Location: GRADY 12 9N 5W

SE SE SW SE

291 FSL 1327 FEL of 1/4 SEC

Latitude: 35.262668332 Longitude: -97.674961161 Derrick Elevation: 0 Ground Elevation: 1344

Operator: EOG RESOURCES INC 16231

3817 NW EXPRESSWAY STE 500 OKLAHOMA CITY, OK 73112-1483

	Completion Type				
Х	Single Zone				
	Multiple Zone				
	Commingled				

Location Exception
Order No
700714

Increased Density
Order No
699153

Casing and Cement							
Type Size Weight Grade Feet PSI SAX Top of CMT							Top of CMT
SURFACE	9 5/8	36	J-55	962		480	SURFACE
PRODUCTION	5 1/2	20	P-110	19911		2415	7912

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

Total Depth: 19922

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** 

October 31, 2019 1 of 2

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 08, 2019	WOODFORD	1466	40	1469	1002	6558	FLOWING	2000	100	705

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

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders				
Order No Unit Size				
698051	1280			

Perforated Intervals				
From To				
9685	19814			

Acid Volumes

1,250 GALLONS 7.5% HCL TOTAL ACID

Fracture Treatments

18,367,684 GALLONS TOTAL FLUID, 25,356,500
POUNDS TOTAL PROPPANT

Formation	Тор
WOODFORD	9553

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

Were unusual drilling circumstances encountered? No Explanation:

# Other Remarks

EXCEPTION TO OAC 165:10-3-28 - INTERIM ORDER NUMBER 701596. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED.

# **Lateral Holes**

Sec: 1 TWP: 9N RGE: 5W County: GRADY

NW NE NW NE

177 FNL 1880 FEL of 1/4 SEC

Depth of Deviation: 9030 Radius of Turn: 763 Direction: 360 Total Length: 10129

Measured Total Depth: 19922 True Vertical Depth: 9156 End Pt. Location From Release, Unit or Property Line: 177

# FOR COMMISSION USE ONLY

1143892

Status: Accepted

October 31, 2019 2 of 2

A record of the formations didled 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 s this report, which was prepared by the 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. Joni Reeder 405-246-3100 SIGNATURE NAME (PRINT OR TYPE) PHONE NUMBER DATE NW Expressway, Suite 500 Oklahoma City OK 73112 joni reeder@eogresources.com **ADDRESS** CITY STATE 7IP **EMAIL ADDRESS** 

Form 1002A Rev. 2009

# PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

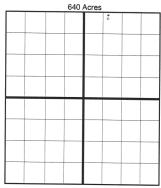
drilled through. Show intervals cored or	r drillstem tested.		sss of formations
NAMES OF FORMATIONS			TOP
WOODFORD		MD	9,553
•			
		***	
			×0
Tou .			

LIVINGSTON 0112	WELL NO.	5H
-----------------	----------	----

	FO	R COMMISSION USE ONLY
ITD on file	YES NO	
APPROVED	DISAPPROVED	2) Reject Codes
Were open hole logs run?	yes	X no
Date Last log was run		N/A
Was CO <sub>2</sub> encountered?	yes	X no at what depths?
Was H <sub>2</sub> S encountered?	yes	X no at what depths?
Were unusual drilling circu If yes, briefly explain below		yes X no

Other remarks:	EXCEPTIO	EXCEPTION TO OAC 165:10-3-28 - Interim Order #701596									
	-										
								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

LEASE NAME



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	on						1	
	1/4	1/4	1/4		1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured T	otal Depth		True Vertical Depth			BHL From Lease, Unit, or Pro	perty Line:	

# BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

# LATERAL #1

SEC	1	TWP	9N	RGE	5W	COUNTY			(	GRADY			
Spot Lo		on 1/4	NE	1/4	NW 1/4	NE 1	1/4 F	eet From 1/4 Sec	Lines	FNL	177	FEL	1,880
Depth Deviati	ion		9,030		Radius of Turn	763	D	irection	360	Total Length		10,12	9
Measu	red T	otal Dept	h		True Vertical Dep	th	В	HL From Lease,	Unit, or Prope	erty Line:			
		19,9	922		9,	156				177			

LATERAL #2

SEC	TWP	RGE		COUNTY			
Spot Locati	ion						
	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of			Radius of Turn		Direction	Total	
Deviation						Length	
Measured 7	Total Depth		True Vertical Depth		BHL From Lease, Unit, or Pro		

I ATERAL #3

SEC TWP	RGE		COUNTY			
Spot Location	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation	174	Radius of Turn	1/4	Direction	Total Length	
Measured Total De	pth	True Vertical Depth		BHL From Lease, Unit, or Prop		

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, Ok. 73134 \* LOCAL (405) 843–4847 \* OUT OF STATE (800) 654–3219

County, Oklahoma

County, Oklahoma BHL BHL NW NE NW NE County, Oklahoma 9N Range 5W\_\_I.M. 291'FSL-1327'FEL Section \_ Township \_ Range \_ X 2098336 Y 712582 T10N-R5W Township Line P BOTTOM HOLE T9N-R5W 165' HARDLINE 2093055 712558 X 2095696 Y 712570 Meridian West LOT 1 LOT 4 LOT 3 LOT 2 BOTTOM HOLE (19922\*MD) 177\*FNL-1880\*FEL NAD-27 (US Feet) 35\*17\*25.6" N 97\*40\*36.5" W 35.290447406\* N 97.676806612\* W X 2096456 Y 712397 S/2-NW/4 GRID NAD-27 OK SOUTH US Feet S/2-NE/4 SCALE: 1" = 1000' 500' ±1854 1000' 1 Range Best Accessibility to Lo Distance & Direction from Hwy Jct or Town Good Topography Operator: South on St. Hwy. Line Drill Name: Site? EOG ጵ 791 **N**07 Vegetation LIVINGSTON RESOURCES, -RAW -RSW Location then Yes 0112 From ±1839 Location From the Jct. mile ±14803'MD € South West to X 2093067 Y 707269 X 2095710 Y 707281 9 of St. Reference Stakes Set Level of f the Hwy. ±1837 Pad, county CADDO,CO.

County Line + ЗS Stakes or et None CANADIAN, CO. 76 Livingston 0112 #8H (As-Drilled) rja Livingston Cor. road South 9 으 0112 0112 location 0112 #5H Well Sec. ጵ Alternate #7H #6H t) No:: 12-T9N-R5W (As-Drilled) (As-Drilled) (As-Drilled) Hwy. Location 5 39, (12) go ±1834 X 2093070 Y 704625 ELEVATION: 1344' Gr. on ±2 NEWCASTLE CORPORATE BOUNDARY miles Gr. on Pad SURFACE HOLE ±9665'MD X 2093079 Y 701981 165' HARDLINE ±9485'MD X 2095723 Y 701991 2098367 702002 This information v gathered with a GPS ( with ±1 foot Horiz,/Vert. a DATUM: NAD-27 LAT: 35°15'45.6" N Date of Drawing: July 24, 2019 Project #124196C Date Staked: \_ July 8, 2019 LONG: 97°40'29.9" W LAT: 35.262668332° N FINAL AS-DRILLED LONG: 97.674961161° W PLAT STATE PLANE COORDINATES: (US Feet) AS-DRILLED INFORMATION receiver accuracy. ZONE: OK SOUTH

FURNISHED BY EOG RESOURCES

2097040 702287