

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.: 35045237280000

Completion Report

Spud Date: July 05, 2018

OTC Prod. Unit No.: 045-225002

Drilling Finished Date: January 02, 2019

1st Prod Date: January 29, 2019

Completion Date: January 29, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: WILLA 21 2H

Purchaser/Measurer: DCP MIDSTREAM

Location: ELLIS 16 18N 24W
SW SW SE SE
281 FSL 1170 FEL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 2369

First Sales Date: 01/29/2019

Operator: EOG RESOURCES INC 16231

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

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	675546		674457	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1047		555	SURFACE
PRODUCTION	7	29	P-110	8635		435	2900

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	P-110	6127	0	420	8418	14545

Total Depth: 14550

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										
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
Feb 04, 2019	MARMATON	261	44	264	1011	1365	FLOWING	650	64	1251

Completion and Test Data by Producing Formation

Formation Name: MARMATON

Code: 404MRMN

Class: OIL

Spacing Orders

Order No	Unit Size
580287	640

Perforated Intervals

From	To
9568	14507

Acid Volumes

21,000 GALLONS TOTAL ACID

Fracture Treatments

5,278,560 GALLONS TOTAL FLUID, 7,507,250 POUNDS TOTAL PROPPANT

Formation	Top
MARMATON	9417

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

WELL NAME CHANGED FROM THAT ON APPROVED PERMIT TO DRILL TO INCLUDE "21" IN LEASE NAME RATHER THAN WELL NUMBER. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED.

Lateral Holes

Sec: 21 TWP: 18N RGE: 24W County: ELLIS

SE SW SE SE

175 FSL 739 FEL of 1/4 SEC

Depth of Deviation: 8746 Radius of Turn: 867 Direction: 179 Total Length: 4937

Measured Total Depth: 14550 True Vertical Depth: 9397 End Pt. Location From Release, Unit or Property Line: 175

FOR COMMISSION USE ONLY

1142331

Status: Accepted

RECEIVED

Form 1002A
Rev. 2009

MAR 11 2019

OKLAHOMA CORPORATION COMMISSION

API NO. 045-23728
OTC PROD. 045-225002
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

☒ ORIGINAL
☐ AMENDED (Reason)

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	Ellis	SEC	16	TWP	18N	RGE	24W	SPUD DATE	7/5/2018	
LEASE NAME	WILLA 21			WELL NO.	2H			DRLG FINISHED DATE	1/2/2019	
SW 1/4 SW 1/4 SE 1/4 SE 1/4	FSL OF 1/4 SEC 281			FEL 1/4 SEC	1,170			DATE OF WELL COMPLETION	1/29/2019	
ELEVATION N Derrick	Ground	2,369	Latitude (if known)			Longitude (if known)			1st PROD DATE	1/29/2019
OPERATOR NAME	EOG Resources, Inc.			OTC/OCC OPERATOR NO.	16231					
ADDRESS	3817 NW Expressway, Suite 500									
CITY	Oklahoma City	STATE	OK	ZIP	73112					

640 Acres

LOCATE WELL

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
☐ COMMINGLED
Application Date
LOCATION EXCEPTION ORDER 675546 *10.*
INCREASED DENSITY ORDER NO. 674457

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	9 5/8	36	J-55	1,047		555	SURFACE
INTERMEDIATE	7	29	P-110	8,635		435	2,900
PRODUCTION							
LINER	4 1/2	11.6	P-110	14,545		420	8,418
						TOTAL DEPTH	14,550

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	MARMATON						
SPACING & SPACING ORDER NUMBER	640/580287						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL						
PERFORATED INTERVALS	9,568 - 14,507						
ACID/VOLUME	TOTAL ACID - 21,000 GALS						
FRACTURE TREATMENT (Fluids/Prop Amounts)	TOTAL FLUID - 5,278,560 GALS TOTAL PROP - 7,507,250 LBS						

Reported to Frac Focus

☒ Min Gas Allowable (165:10-17-7)
OR
☐ Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer
First Sales Date

DCP Midstream
1/29/2019

INITIAL TEST DATA

INITIAL TEST DATE	2/4/2019				
OIL-BBL/DAY	261				
OIL-GRAVITY (API)	44				
GAS-MCF/DAY	264				
GAS-OIL RATIO CU FT/BBL	1,011				
WATER-BBL/DAY	1,365				
PUMPING OR FLOWING	FLOWING				
INITIAL SHUT-IN PRESSURE	650				
CHOKE SIZE	64				
FLOW TUBING PRESSURE	1,251				

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	Joni Reeder	NAME (PRINT OR TYPE)	Joni Reeder	DATE	3/8/2019	PHONE NUMBER	405-246-3100
ADDRESS	3817 NW Expressway, Suite 500	CITY	Oklahoma City	STATE	OK	ZIP	73112
				EMAIL ADDRESS	joni_reeder@eogresources.com		

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
MARMATON MD	9,417

LEASE NAME WILLA 21 WELL NO. 2H

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

Were open hole logs run?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Date Last log was run	N/A
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? <u> </u>
Was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? <u> </u>
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below:	

Other remarks:

NAME CHANGED FROM THAT ON APPROVED PERMIT TO DRILL TO INCLUDE "21" IN LEASE NAME RATHER THAN WELL NO.

640 Acres

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	1/4	1/4	1/4
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
21	18N	24W	Ellis
Spot Location	SE 1/4 SW 1/4 SE 1/4 SE 1/4	Feet From 1/4 Sec Lines	FSL 175 FEL 739
Depth of Deviation	8,746	Radius of Turn	867
Measured Total Depth	14,550	True Vertical Depth	9,397
		BHL From Lease, Unit, or Property Line:	175

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location	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 #3

SEC	TWP	RGE	COUNTY
Spot Location	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:	

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

Continuation of Authorization No. 1295 ES
ELLIS

ELLIS

County, Oklahoma

281'FSL - 1170'FEL Section 16 Township 18N Range 24W I.M.

X	1480851
Y	384123

X 1475583
Y 384255

X 1478217
Y 384189

X 1475558
Y 381601

X 1480842
Y 381492

X 1475534
Y 378947

X 1478184
Y 378902

X 1475523
Y 376289

X 1480803
Y 376199

X 1475512
Y 373630

X	1478142
Y	373586

BOTTOM HOLE
(14550' MD)
175°FSL-739'FEL
36°00'49.6" N
99°45'29.5" W
36.013772046" N
99.758207622" W
X= 1480035
Y= 373730

X 1480772
Y 373542

Operator: EOG RESOURCES, INC. Well No.: #2H **ELEVATION:**
 Lease Name: WILLA 21 2370' Gr. at Level Pad

Topography & Vegetation Location fell on level pad, E-W pipeline $\pm 195'$ North and $\pm 220'$ South.

Good Drill Site? Yes Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From South off county road
 Distance & Direction From the Jct. of U.S. Hwy. 60 and U.S. Hwy. 283, go ± 7.5 miles South on U.S. Hwy. 283
from Hwy Jct or Town
to the SE corner of Section 16, T18N - R24W.

This information was gathered with a GPS receiver with ± 1 foot Horiz./Vert. accuracy

DATUM: NAD-27
LAT: 36°01'43.2" N
LONG: 99°45'35.2" W
LAT: 36.028663208° N
LONG: 99.759788042° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1479666
Y: 379158

Invoice # 306061 Date of Drawing: December 31, 2018
Date Staked: November 09, 2018 JP

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
FURNISHED BY EOG RESOURCES, INC.

SE SW SE SE