

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.: 35045237290000

Completion Report

Spud Date: July 04, 2018

OTC Prod. Unit No.: 045-225003

Drilling Finished Date: December 20, 2018

1st Prod Date: January 30, 2019

Completion Date: January 30, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: WILLA 21 3H

Purchaser/Measurer: DCP MIDSTREAM

Location: ELLIS 16 18N 24W
SW SW SE SE
281 FSL 1210 FEL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 2368

First Sales Date: 01/30/2019

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	675547		674457	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1052		555	SURFACE
PRODUCTION	7	29	P-110	8606		435	1745

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	P-110	6433	0	480	8374	14807

Total Depth: 14812

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	287	44	250	871	1417	FLOWING	800	64	1245

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
9672	14769

Acid Volumes

24,600 GALLONS 7.5% HCL TOTAL ACID

Fracture Treatments

5,383,392 GALLONS TOTAL FLUID, 7,661,330 POUNDS TOTAL PROPPANT

Formation	Top
MARMATON	9436

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. IT APPEARS THAT PART OF THE COMPLTION INTERVAL VIOLATED THE INTERIM ORDER AS TO DISTANCE FROM THE EAST LINE. THIS WILL BE DEALT WITH IN THE FINAL LOCATION EXCEPTION HEARING.

Lateral Holes

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

SE SW SW SE

176 FSL 2197 FEL of 1/4 SEC

Depth of Deviation: 8751 Radius of Turn: 1377 Direction: 172 Total Length: 4684

Measured Total Depth: 14812 True Vertical Depth: 9426 End Pt. Location From Release, Unit or Property Line: 176

FOR COMMISSION USE ONLY

1142332

Status: Accepted

API NO. 045-23729
OTC PROD. 045-225003
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

Form 1002A
Rev. 2009

MAR 11 2019

OKLAHOMA CORPORATION
COMMISSION

☒ 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	7/4/2018	
LEASE NAME	WILLA 21						WELL NO.	3H	DRLG FINISHED DATE	12/20/2018
SW 1/4 SW 1/4 SE 1/4 SE 1/4	FSL OF 1/4 SEC		281	FEL	1210	DATE OF WELL COMPLETION		1/30/2019		
ELEVATION	Ground		2368	Latitude (if known)		1st PROD DATE		1/30/2019		
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

<input checked="" type="checkbox"/> SINGLE ZONE	
<input type="checkbox"/> MULTIPLE ZONE	
Application Date	
<input type="checkbox"/> COMMINGLED	
Application Date	
LOCATION	675547 I.O.
EXCEPTION ORDER	
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	1,052		555	SURFACE
INTERMEDIATE	7	29	P-110	8,606		435	1,745
PRODUCTION							
LINER	4 1/2	11.6	P-110	8314,807		480	8,374
						TOTAL DEPTH	14,812

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	9,672 - 14,769
ACID/VOLUME	TOTAL ACID - 24,600 GALS 7.5% HCL
FRACTURE TREATMENT (Fluids/Prop Amounts)	TOTAL FLUID - 5,383,392 GALS TOTAL PROP - 7,661,330 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
1/30/2019

INITIAL TEST DATA

INITIAL TEST DATE	2/4/2019
OIL-BBL/DAY	287
OIL-GRAVITY (API)	44
GAS-MCF/DAY	250
GAS-OIL RATIO CU FT/BBL	871
WATER-BBL/DAY	1,417
PUMPING OR FLOWING	FLOWING
INITIAL SHUT-IN PRESSURE	800
CHOKE SIZE	64
FLOW TUBING PRESSURE	1,245

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

3/8/2019

405-246-3100

3817 NW Expressway, Suite 500

Oklahoma City

NAME (PRINT OR TYPE)

OK 73112

DATE

PHONE NUMBER

ADDRESS

CITY

STATE

ZIP

joni_reeder@eogresources.com

EMAIL ADDRESS

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	9,436

LEASE NAME _____

WELL NO. _____

FOR COMMISSION USE ONLY

ITD on file ☐ YES ☐ NO

APPROVED _____ DISAPPROVED _____

2) Reject Codes

Were open hole logs run? _____ yes ☒ no

Date Last log was run _____ N/A

Was CO₂ encountered? _____ yes ☒ no at what depths? _____

Was H₂S encountered? _____ yes ☒ no at what depths? _____

Were unusual drilling circumstances encountered? _____ yes ☒ 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
Depth of Deviation	8,751	Radius of Turn	1,377
Measured Total Depth	14,812	True Vertical Depth	9,426
Feet From 1/4 Sec Lines	FSL 176	Direction	172
FEL	2,197	Total Length	4,684
BHL From Lease, Unit, or Property Line:		176	

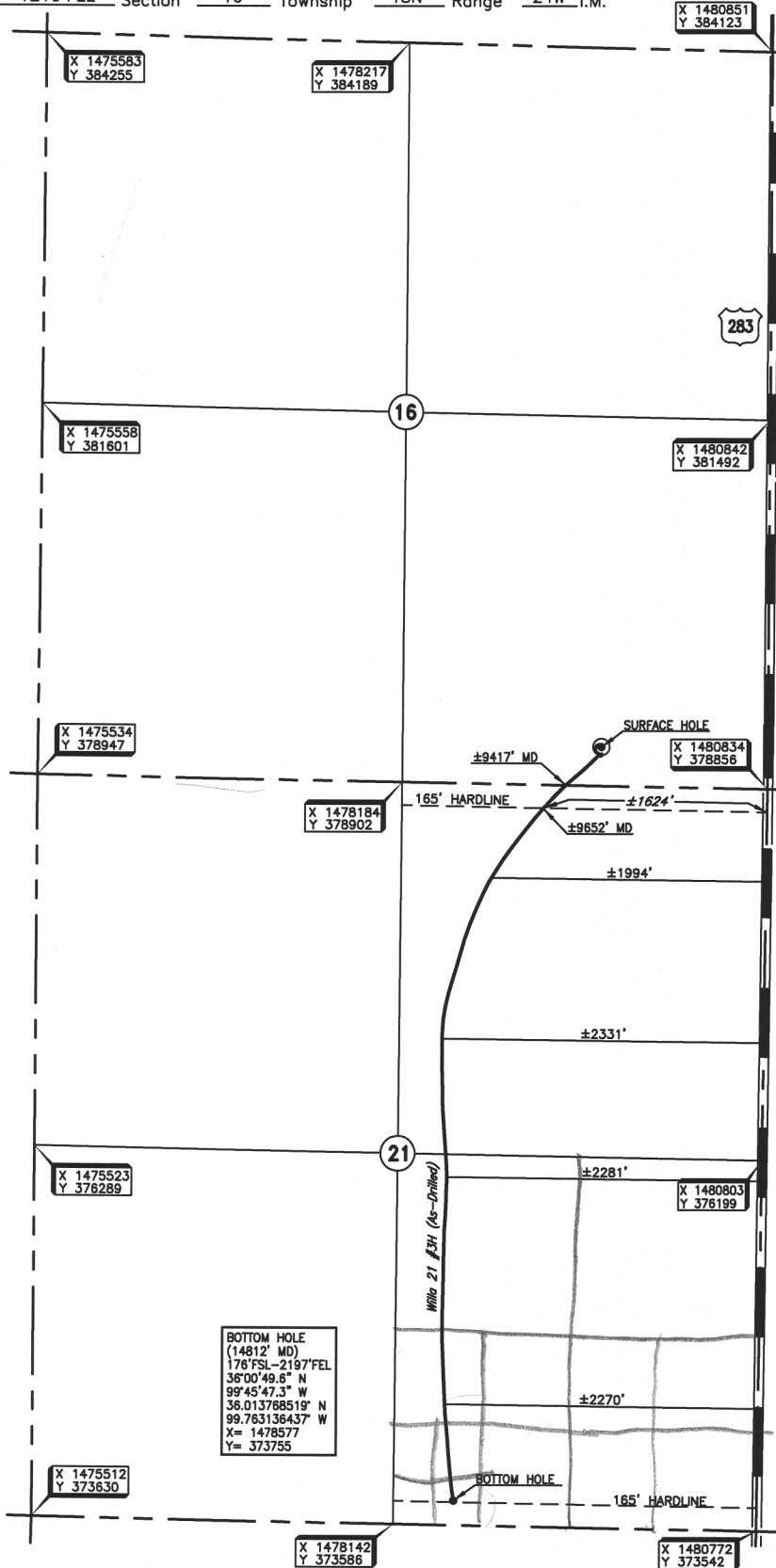
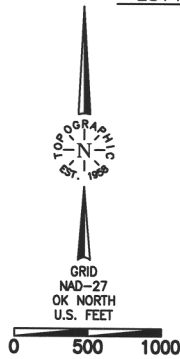
LATERAL #2

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:	

County, Oklahoma
 281'FSL - 1210'FEL Section 16 Township 18N Range 24W I.M.



Operator: EOG RESOURCES, INC.
 Lease Name: WILLA 21
 Topography & Vegetation: Location fell on level pad, E-W pipeline ±195' North and ±220' South.
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None
 Best Accessibility to Location: From South of county road
 Distance & Direction from Hwy Jct or Town: From the Jct. of U.S. Hwy. 60 and U.S. Hwy. 283, go ±7.5 miles South on U.S. Hwy. 283 to the SE corner of Section 16, T18N - R24W.

Well No.: #3H
 ELEVATION: 2370' Gr. at Level Pad

BOTTOM HOLE
 (14812' MD)
 176° FSL-2197° FEL
 36°00'49.6" N
 99°45'47.3" W
 36.013788519° N
 99.763136437° W
 X= 1478577
 Y= 373755

DATUM: NAD-27
 LAT: 36°01'43.2" N
 LONG: 99°45'35.7" W
 LAT: 36.0288662204° N
 LONG: 99.759923427° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1479626
 Y: 379158

310933 Date of Drawing: December 27, 2018
 Invoice # 306061A Date Staked: November 09, 2018 JP

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
 FURNISHED BY EOG RESOURCES, INC.

SE SW SW SE