

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.: 35051243720000

Completion Report

Spud Date: June 23, 2018

OTC Prod. Unit No.: 051-224219-0-0000

Drilling Finished Date: July 18, 2018

1st Prod Date: August 30, 2018

Completion Date: August 30, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LIVINGSTON 1324 1H

Purchaser/Measurer: ENABLE GATHERING & PROCESSING

First Sales Date: 08/30/2018

Location: GRADY 12 9N 5W
SW SW SE SW
320 FSL 1588 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1303

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	697441		N/A	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	1003		555	SURFACE
PRODUCTION	5 1/2 X 7	20 / 32	P-110	20218		2900	8868

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

Total Depth: 20228

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		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
Oct 11, 2018	WOODFORD	1353	39	958	708	1467	FLOWING	1500	78	2156

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders

Order No	Unit Size
420559	640
664083	640
702921	MULTIUNIT

Perforated Intervals

From	To
9882	20122

Acid Volumes

3,592 GALLONS 7.5% HCL TOTAL ACID

Fracture Treatments

19,559,526 GALLONS TOTAL FLUID, 25,525,586 POUNDS TOTAL PROPPANT
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Formation	Top
WOODFORD	9509

Were open hole logs run? Yes

Date last log run: July 01, 2018

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

WELL NAME CHANGED FROM THAT ON APPROVED PERMIT TO DRILL TO INCLUDE "1324" IN LEASE NAME RATHER THAN WELL NUMBER. DRILLED VERTICAL PILOT HOLE TO A DEPTH OF 9,900' TO PERFORM LOGGING OPERATIONS. INSTALLED OPEN HOLE WHIPSTOCK AT 9,900'. CEMENT OPEN HOLE BACK TO PLACE KICK OFF DEPTH OF 8,906', WITH 512 SACKS 15.6 PPG CEMENT. CONTINUED DRILLING CURVE AND LATERAL SECTION.

Lateral Holes

Sec: 12 TWP: 9N RGE: 5W County: GRADY

NE SE SW SW

420 FSL 1158 FWL of 1/4 SEC

Depth of Deviation: 0 Radius of Turn: 0 Direction: 27 Total Length: 0

Measured Total Depth: 9900 True Vertical Depth: 9870 End Pt. Location From Release, Unit or Property Line: 420

Sec: 24 TWP: 9N RGE: 5W County: GRADY

S2 SW SW SW

175 FSL 376 FWL of 1/4 SEC

Depth of Deviation: 8920 Radius of Turn: 696 Direction: 182 Total Length: 10612

Measured Total Depth: 20228 True Vertical Depth: 9646 End Pt. Location From Release, Unit or Property Line: 175

FOR COMMISSION USE ONLY

1141199

Status: Accepted

December 19, 2019

2 of 3

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API NO. 051-24372
OTC PROD. UNIT NO. 051-224219

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

OCT 26 2018

Form 1002A
Rev. 2009

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	GRADY	SEC	12	TWP	9N	RGE	5W	SPUD DATE	6/23/18
LEASE NAME	LIVINGSTON 1324				WELL NO.	1H	DATE OF WELL COMPLETION	8/30/2018	
SW 1/4 SW 1/4 SE 1/4 SW 1/4	FSL 1/4 SEC	320	FWL 1/4 SEC	1588	1st PROD DATE	8/30/2018			
ELEVATION Derrick	Ground	1303	Latitude (if known)	Longitude (if known)		RECOMP DATE			
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 EXCEPTION ORDER
INCREASED DENSITY ORDER NO.

FO I.O.
697441, 687174
684797, 684798
N/A

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	1,003		555	SURFACE
INTERMEDIATE							
PRODUCTION/TAPERED	5 1/2 x 7	20/32	P-110	20218		2,900	8,868
LINER							
				TOTAL DEPTH	20,228		

PACKER @ BRAND & TYPE

PACKER @ BRAND & TYPE

PLUG @

PLUG @

TYPE

TYPE

PLUG @

PLUG @

TYPE

TYPE

TOTAL DEPTH

20,228

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	WOODFORD
SPACING & SPACING ORDER NUMBER	640/664083, 420559, 201803238
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL
PERFORATED INTERVALS	9882-20125
ACID/VOLUME	Total Acid - 3592 gals 7.5% HCL
FRACTURE TREATMENT (Fluids/Prop Amounts)	Total Fluid - 19,559,526 gals Total Prop - 25,525,586 lbs

319WDFD
685796 FO
665229 VISAMIS
687173 (Multiunit)
702921 FO
Reported to Frac Focus

Min Gas Allowable

(165:10-17-7)

Gas Purchaser/Measurer

Enable Gathering & Processing

☒

OR

First Sales Date

8/30/2018

INITIAL TEST DATA

Oil Allowable

(165:10-13-3)

INITIAL TEST DATE	10/11/2018
OIL-BBL/DAY	1353
OIL-GRAVITY (API)	39
GAS-MCF/DAY	958
GAS-OIL RATIO CU FT/BBL	708
WATER-BBL/DAY	1467
PUMPING OR FLOWING	FLOWING
INITIAL SHUT-IN PRESSURE	1500
CHOKE SIZE	78
FLOW TUBING PRESSURE	2156

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	DATE	10/26/2018	PHONE NUMBER	405-246-3100
3817 NW Expressway, Suite 500	Oklahoma City	OK	73112	EMAIL ADDRESS	joni_reeder@eogresources.com
ADDRESS	CITY	STATE	ZIP		

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
WOODFORD MD	9,509

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

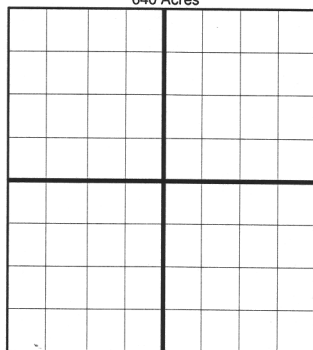
Were open hole logs run?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Date Last log was run	7/1/2018
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
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 "1324" IN LEASE NAME RATHER THAN WELL NO.

Drilled vertical pilot hole to a depth of 9,900' to perform logging operations. Installed open hole whipstock at 9,900'. Cemented open hole back to place kick off depth of 8,906', with 512 sx 15.6 ppg cement. Continued drilling curve and lateral section.

640 Acres



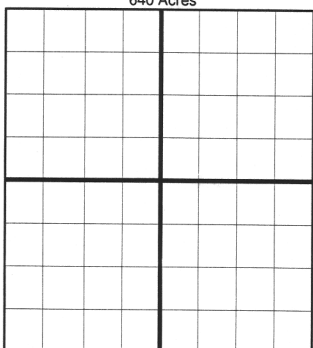
If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

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)

OPEN HOLE PILOT

SEC	TWP	RGE	COUNTY
12	9N	5W	GRADY
Spot Location	NE 1/4	SE 1/4	SW 1/4
Depth of Deviation	N/A	Radius of Turn	Direction 27
Measured Total Depth	9,900	True Vertical Depth	9,870
BHL From Lease, Unit, or Property Line:		420	

SIDETRACK 1

SEC	TWP	RGE	COUNTY
24	9N	5W	GRADY
Spot Location	SE 1/4	SW 1/4	SW 1/4
Depth of Deviation	8,920	Radius of Turn	696
Measured Total Depth	20,228	True Vertical Depth	9,646
BHL From Lease, Unit, or Property Line:		175	

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:	

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

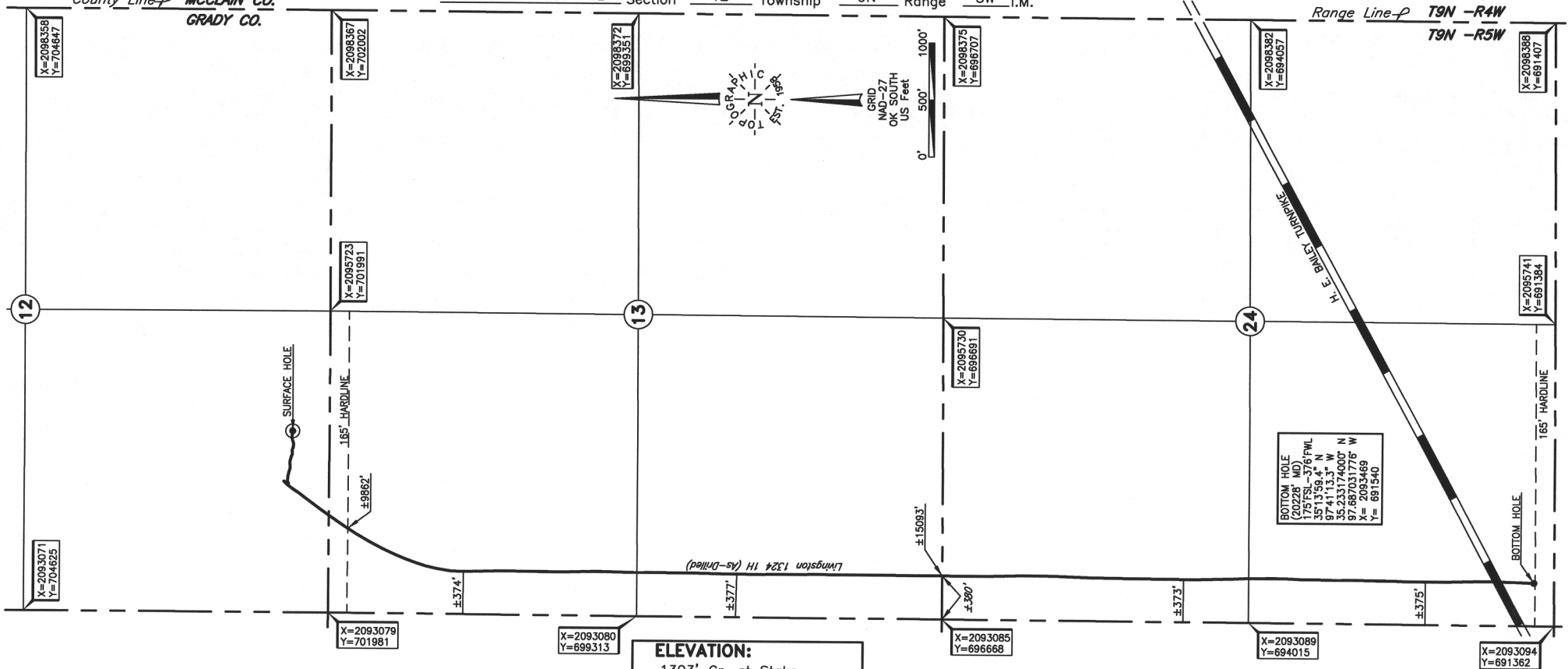
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219
GRADY Certificate of Authorization No. 1293 LS

County, Oklahoma

320' FSL - 1588' FWL Section 12 Township 9N Range 5W I.M.

County Line - McClain Co.
GRADY CO.

Range Line - T9N - R4W
T9N - R5W



Operator: EOG RESOURCES, INC.

Lease Name: LIVINGSTON 1324

Well No.: 1H

Topography & Vegetation Loc. fell in brushy pasture

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction

from Hwy Jct or Town From Tuttle, OK, go ± 7.25 mi. East on St. Hwy. 37, then ± 2.0 mi.

South to the SW Cor. of Sec. 12-T9N-R5W

ELEVATION:

1303' Gr. at Stake

DATUM: NAD-27

LAT: $35^{\circ}15'45.9''$ N

LONG: $97^{\circ}40'58.5''$ W

LAT: 35.262743434° N

LONG: 97.682914080° W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK SOUTH

X: 2094665

Y: 702307

This information was gathered with a GPS receiver with ± 1 foot horiz./vert. accuracy

Invoice # 289835 Date of Drawing: July 18, 2018
Date Staked: Mar. 19, 2018 JP

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
FURNISHED BY EOG RESOURCES, INC.