

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 087 22065

Approval Date: 03/13/2017
Expiration Date: 09/13/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 8N Rge: 4W County: MCCLAIN
SPOT LOCATION: NE SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 450 1020

Lease Name: CURRY Well No: 21X 1VH Well will be 450 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC Telephone: 4052463226 OTC/OCC Number: 16231 0

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

CYNTHIA MOONEY, TRUSTEE
P.O. BOX 1008
BLANCHARD OK 73010

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9650	6	
2 WOODFORD	9800	7	
3 HUNTON	9900	8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201700860
201700863
201700861
201700862

Special Orders:

Total Depth: 21500 Ground Elevation: 1275 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 470

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32100

Chlorides Max: 5000 Average: 3000

H. SEE MEMO

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 33 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: SE SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1020

Depth of Deviation: 9834

Radius of Turn: 900

Direction: 180

Total Length: 10252

Measured Total Depth: 21500

True Vertical Depth: 10105

End Point Location from Lease,
Unit, or Property Line: 165

Additional Surface Owner	Address	City, State, Zip
THOMAS CURRY, TRUSTEE	5555 DEL MONTE, UNIT 1103	HOUSTON, TX 77056
NANCY CURRY	2610 RIP VAN WINKLE	PEARLAND, TX 77581
OK. DEPT. OF TRANSPORTATION	200 NE 21ST STREET	OKLAHOMA CITY, OK 73105

Notes:

Category

Description

BOTTOM-HOLE LOCATION

3/8/2017 - G75 - 165' FSL, 1020' FWL SW4 33-8N-4W PER STAKING PLAT

DEEP SURFACE CASING

3/8/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

3/7/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

MEMO

3/7/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO BE SOIL FARMED; PIT 2 - OBM TO VENDOR, OBM CUTTINGS TO DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, GRADY CO., # 3526013)

PENDING CD - 201700860

3/8/2017 - G75 - (640)(HOR) 28-8N-4W
EXT 634434 MSSP, WDFD, HNTN
POE TO BHL (MSSP, HNTN) NCT 660' FB
POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST SP. ORDER # 127728/128676 HNTN)
REC 2-27-2017 (THOMAS)

This permit does not address the right of entry or settlement of surface damages.

087 22065 CURRY 21X 1VH

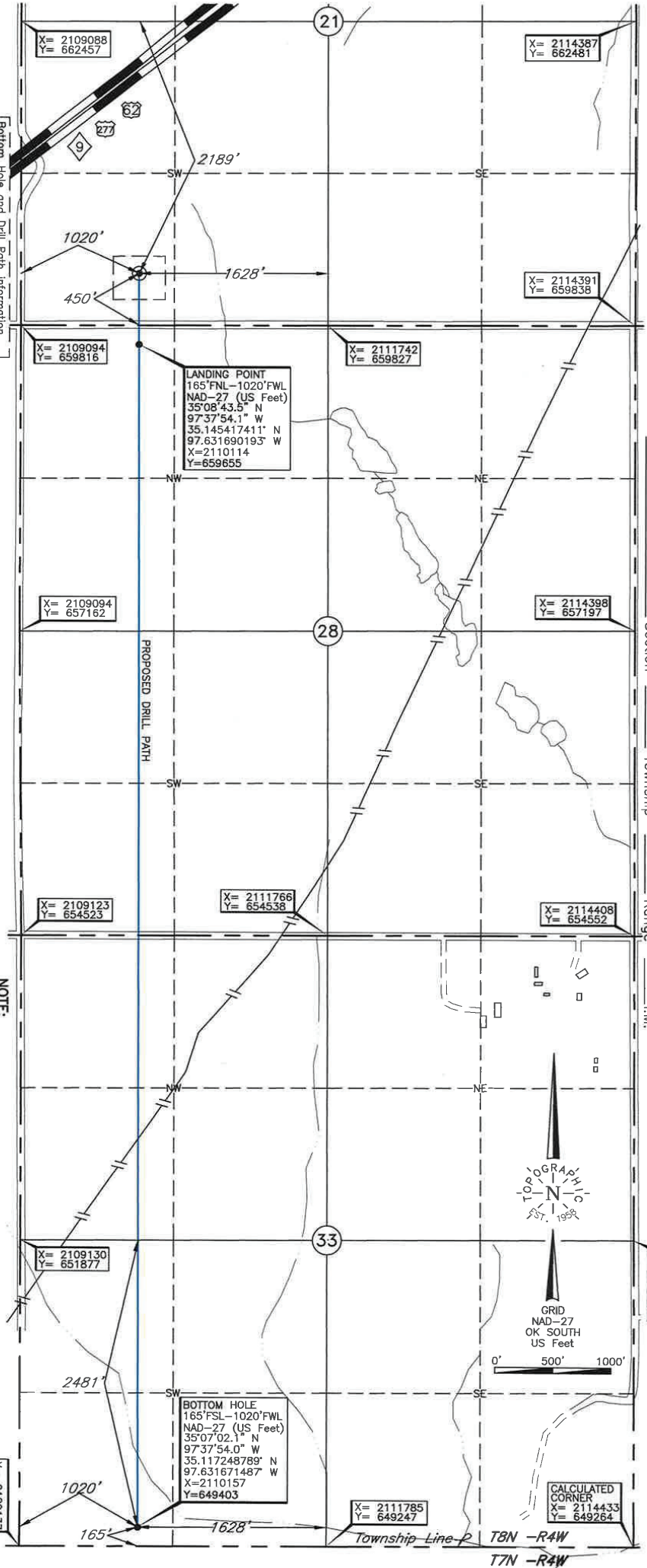
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
PENDING CD - 201700861	3/8/2017 - G75 - (640)(HOR) 33-8N-4W EXT 634434 MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER # 127728/128676 HNTN) REC 3-7-2017 (NORRIS)
PENDING CD - 201700862	3/8/2017 - G75 - (I.O.) 28 & 33-8N-4W EST MULTIUNIT HORIZONTAL WELL X201700860 MSSP, WDFD, HNTN 28-8N-4W X201700861 MSSP, WDFD, HNTN 33-8N-4W (MSSP, HNTN ASSOCIATED COMMON SOURCES OF SUPPLY TO WDFD) 50% 28-8N-4W 50% 33-8N-4W EOG RESOURCES, INC. REC 3-7-2017 (NORRIS)
PENDING CD - 201700863	3/8/2017 - G75 - (I.O.) X201700860 MSSP, WDFD, HNTN 28-8N-4W X201700861 MSSP, WDFD, HNTN 33-8N-4W SHL (21-8N-4W) 450' FSL, 1020' FWL COMPL. INT. (28-8N-4W) NCT 150' FNL, NCT 0' FSL, NCT 660' FWL COMPL. INT. (33-8N-4W) NCT 0' FNL, NCT 150' FSL, NCT 660' FWL EOG RESOURCES, INC. REC 3-7-2017 (NORRIS)

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The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District
Office of the Conservation Division as to when Surface Casing will be run.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
 6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
 McCLELLAIN Certificate of Authorization No. 1293 LS
 County, Oklahoma
 450' FSL - 1020' FWL Section 21 Township 8N Range 4W 1.M.



ELEVATION:
 1275' Gr. at Stake

NOTE:
 The information shown herein is for construction purposes ONLY.

Operator: **EOG RESOURCES, INC.**
 Lease Name: **CURRY**
 Topography & Vegetation Loc. fell in **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 Jct. St. Hwy. 9 East and US Hwy. 277, go ±1.5 mi. S-SW on St. Hwy. 9 - US Hwy. 277 to the NE Cor. of Sec. 21-T8N-R4W**

Well No.: **21X 1VH**
 DATUM: **NAD-27**
 LAT: **35°08'49.6"N**
 LONG: **97°37'54.1"W**
 LAT: **35.147107305° N**
 LONG: **97.631684446° W**
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: **OK SOUTH**
 X: **2110113**
 Y: **660270**

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

Revision **A** Date of Drawing: **Mar. 10, 2017**
 Invoice # **269367** Date Staked: **Jan. 18, 2017**
 AC

CERTIFICATE:
 I, **Lee K. Goss** on Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.
 Oklahoma Lic. No. **1778**

