

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

API NUMBER: 051 24558

Approval Date: 01/23/2019

Expiration Date: 07/23/2020

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 10N Rge: 5W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 187 2105

Lease Name: GALAXY 2536

Well No: 4H

Well will be 187 feet from nearest unit or lease boundary.

Operator  
Name: EOG RESOURCES INC

Telephone: 4052463224

OTC/OCC Number: 16231 0

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

JIMMIE LEE WASHBURN  
470 COUNTY STREET 2990  
TUTTLE OK 73089

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	8660	6	
2	WOODFORD	8685	7	
3	HUNTON	8810	8	
4			9	
5			10	

Spacing Orders: 689485  
689486

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900124  
201900123  
201900117  
201900118

Special Orders:

Total Depth: 19969

Ground Elevation: 1183

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 990

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

Chlorides Max: 5000 Average: 3000

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36130

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

H. SEE MEMO

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

## HORIZONTAL HOLE 1

Sec 36 Twp 10N Rge 5W County GRADY

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2450

Depth of Deviation: 8536

Radius of Turn: 750

Direction: 185

Total Length: 10255

Measured Total Depth: 19969

True Vertical Depth: 9019

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

Additional Surface Owner	Address	City, State, Zip
TRISHA K STERK	10948 PECOS COURT	FRISCO, TX 75033

## Notes:

### Category

### Description

DEEP SURFACE CASING

1/16/2019 - 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

1/16/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: [OCCWEB.COM/OG/OGFORMS.HTML](http://OCCWEB.COM/OG/OGFORMS.HTML); AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

MEMO

1/16/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; WBM & CUTTINGS TO BE SOIL-FARMED, OBM CUTTINGS TO R360 (ORDER # 587498) OR DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, 3-5N-6W, GRADY CO., # 3526013); PIT 2 - OBM TO VENDOR

PENDING CD - 201900117

1/22/2019 - G75 - (E.O.) 25-10N-5W  
X689485 WDFD  
3 WELLS  
EOG RESOURCES, INC.  
REC 1-15-2019 (NORRIS)

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

051 24558 GALAXY 2536 4H

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 - 201900118	1/22/2019 - G75 - (E.O.) 36-10N-5W X689486 WDFD 3 WELLS EOG RESOURCES, INC. REC 1-15-2019 (NORRIS)
PENDING CD - 201900123	1/22/2019 - G75 - (E.O.) 25 & 36-10N-5W EST MULTIUNIT HORIZONTAL WELL X689485 MSSP, WDFD, HNTN 25-10N-5W X689486 MSSP, WDFD, HNTN 36-10N-5W (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 25-10N-5W 50% 36-10N-5W EOG RESOURCES, INC. REC 1-15-2019 (NORRIS)
PENDING CD - 201900124	1/22/2019 - G75 - (E.O.) 25 & 36-10N-5W X689485 MSSP, WDFD, HNTN 25-10N-5W X689486 MSSP, WDFD, HNTN 36-10N-5W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO GALAXY 2536 3H COMPL. INT. (25-10N-5W) NCT 165' FNL, NCT 0' FSL, NCT 2250' FWL COMPL. INT. (36-10N-5W) NCT 0' FNL, NCT 165' FSL, NCT 2250' FWL EOG RESOURCES, INC. REC 1-15-2019 (NORRIS)
SPACING - 689485	1/22/2019 - G75 - (640)(HOR) 25-10N-5W VAC 103735/107502 HNTN EST HNTN EXT 663709 MSSP, WDFD POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 689486	1/22/2019 - G75 - (640)(HOR) 36-10N-5W VAC 103735/107502 HNTN VAC 353921 MSSP VAC 371959 WDFD EST MSSP, HNTN EXT 661126 WDFD POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

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LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION  
 PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

County, Oklahoma

AS-BUILT

187 FSL - 2105 FTL Section 24 Township 187 FSL - 2105 FTL

1st GUIDE TON Range SW I.M.

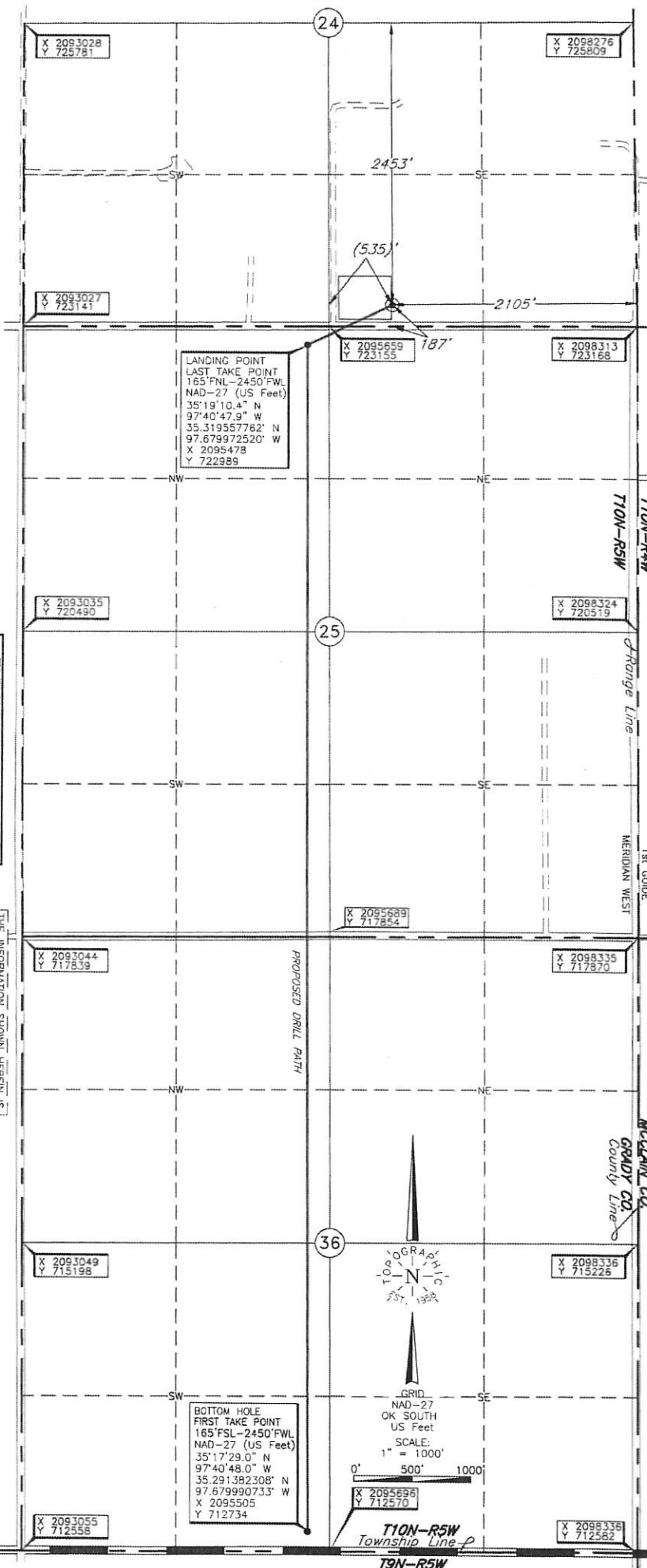
TON-R4W

Change Line

MERIDIAN WEST

McCLAIN CO.  
 GRADY CO.  
 County Line

Distances shown in parentheses are estimated based upon the Quarter Section being 240 feet, the same in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground.



## ELEVATION:

1183' Gr. at Stake

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

Operator: EOG RESOURCES, INC.  
 Lease Name: GALAXY 2536

Well No.: 4H

Topography & Vegetation Loc. fell East of existing level pod in field.

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 Jet or Town From St. Hwy. 37 E-W at the Grady-McClain County Line.  
 go ±2.0 mi. North to the SE Cor. of Sec. 24-T10N-R5W

Date of Drawing: Jan. 10, 2019  
 Invoice # 3110258 Date Staked: Jan. 04, 2019 ST

## CERTIFICATE:

I, Thomas L. Howell, 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. 1433

