

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

API NUMBER: 087 22171

Approval Date: 08/01/2018

Expiration Date: 02/01/2019

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 7N Rge: 4W

County: MCCLAIN

SPOT LOCATION: ☐ NE ☐ SW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 370 540

Lease Name: CHARLES

Well No: 0334 1H

Well will be 370 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC

Telephone: 4052463212

OTC/OCC Number: 16231 0

EOG RESOURCES INC
PO BOX 4362
OKLAHOMA CITY, OK 73112-1483

CHARLES M GRAY
328 WEST ADAMS
PURCELL OK 73080

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9600	6	
2	WOODFORD	9720	7	
3	HUNTON	9900	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802153
201802155
201802150
201802152

Special Orders:

Total Depth: 21288

Ground Elevation: 1183

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 350

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: 18-34061

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 34 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 9601

Radius of Turn: 915

Direction: 350

Total Length: 10250

Measured Total Depth: 21288

True Vertical Depth: 9938

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

Notes:

Category

Description

DEEP SURFACE CASING

4/6/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

4/6/2018 - 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: OCCEWEB.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

MEMO

4/6/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO BE SOIL FARMED; PIT 2 - 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 - 201802150

4/13/2018 - G58 - (640)(HOR) 3-7N-4W
EXT 662474 MSSP, WDFD, HNTN
COMPL. INT. (MSSP, HNTN) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST PRODUCING NON-HORIZONTAL DRILLING AND SPACING UNITS)
REC 7/27/2018 (FOREMAN)

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

087 22171 CHARLES 0334 1H

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 - 201802152	4/13/2018 - G58 - (640)(HOR) 34-8N-4W EXT 662474 MSSP, WDFD COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST PRODUCING NON-HORIZONTAL DRILLING AND SPACING UNITS) REC 7/27/2018 (FOREMAN)
PENDING CD - 201802153	4/13/2018 - G58 - (I.O.) 3-7N-4W & 34-8N-4W EST MULTIUNIT HORIZONTAL WELL X201802150 MSSP, WDFD, HNTN (3-7N-4W) X127728/128676 HNTN; X201802152 MSSP, WDFD (34-8N-4W) (MSSP AND HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 3-7N-4W 50% 34-8N-4W NO OP. NAMED REC 7/27/2018 (FOREMAN)
PENDING CD - 201802155	4/13/2018 - G58 - (I.O.) 3-7N-4W & 34-8N-4W X201802150 MSSP, WDFD, HNTN (3-7N-4W) X127728/128676 HNTN; X201802152 MSSP, WDFD (34-8N-4W) COMPL. INT. (3-7N-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (34-8N-4W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC 7/27/2018 (FOREMAN)
SPACING - 127728	4/13/2018 - G58 - (640) 34-8N-4W EXT 84785/85837 HNTN, OTHERS
SPACING - 128676	4/13/2018 - G58 - NPT TO SP. ORDER 127728 TO DISMISS TPCK, BRMD, AND MCLS FOR SECTIONS 22, 31, 32, AND 33.

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

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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.

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

MCCLAIN

County, Oklahoma

370'FSL - 540'FWL Section 2 Township 7N Range 4W I.M.

Revision ☒ B

Date of Drawing: April 30, 2018

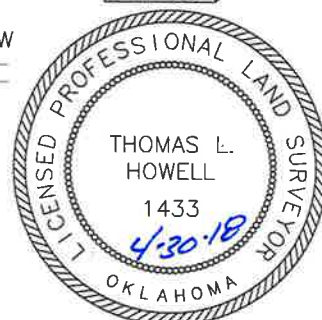
Invoice # 293421A

Date Staked: Feb. 08, 2018

JGW

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Thomas J. Ware
Oklahoma Lic. No. 1433



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

DATUM: NAD-27
LAT: 35°06'11.9" N
LONG: 97°35'52.4" W
LAT: 35.103315003° N
LONG: 97.597888196° W
STATE PLANE
COORDINATES (US FEET):
ZONE: OK SOUTH
X: 2120281
Y: 644370

370'FSL - 540'FWL Section 2 Township 7N Range 4W I.M.

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



Operator: EOG RESOURCES, INC
Lease Name: CHARLES 0334
Topography & Vegetation Location fell in terraced pasture, sloping west, with trees
Good Drill Site? Yes
Best Accessibility to Location From county road south of well location.
Distance & Direction From the jct. of St. Hwy. 76 & St. Hwy. 74B, south of Blanchard, OK., go east on St. Hwy. 74B for ±3.0 miles to the Southwest Corner of Section 2, T7N-R4W.

Reference Stakes or Alternate Location
Stakes Set None

Well No.: #1H

ELEVATION:
1183' Gr. at Stake

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

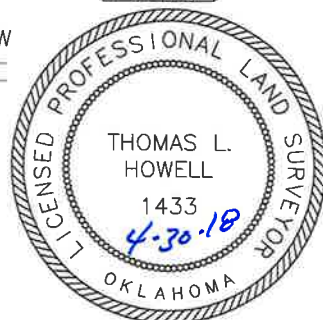
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CERTIFICATE:

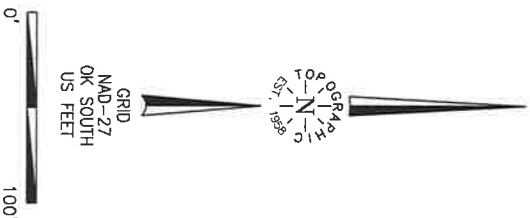
I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Thomas L. Howell
Oklahoma Lic. No. 1433



T 7 N - R 4 W
(INDIAN MERIDIAN)

SECTION 2
SW/4



STATUTORY R/W

STATUTORY R/W

365'

105'

EXISTING WATER LINE
R/W FENCE

ELEV. 1170'

375'

ELEV. 1195'

225'

450'

175'

40'

200'

PAD AREA
3.87 AC.

ELEV. 1195'

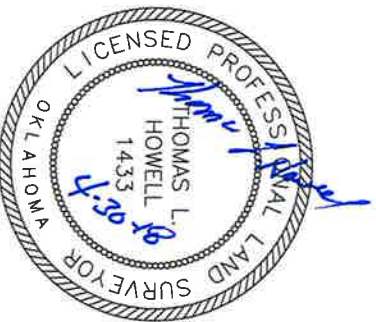
375'

ELEV. 1169'

EOG RESOURCES, INC.
CHARLES 0334 #1H
370' FSL - 540' FWL
Elev. 1183' Gr.

EOG RESOURCES, INC.
CHARLES 0235 #1H
330' FSL - 540' FWL
Elev. 1183' Gr.

EXISTING LEASE ROAD



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

PLAT SHOWING

PROPOSED PAD AREA IN THE
SW/4 OF SECTION 2, T7N - R4W
MCCLAIN COUNTY, OKLAHOMA

1	GENERAL	4/26/18	JGW
NO.	REVISION	DATE	BY
SUR. BY:	PJ	2/08/18	
DRAWN BY:	JGW		
APPROVED BY:	TH		

This plat was prepared exclusively for
EOG RESOURCES, INC.
and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma
SURVEYING AND MAPPING BY
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
13800 Wireless Way, Okla. City, OK 73134 (405) 843-4847
Certificate of Authorization No. 1293 LS

SCALE: 1"=100'
DATE: 2/13/18
INVOICE NO.: 288466
FILE NAME: L2220B
DWG. NO.: 105048-L2-243-B
SHEET 1 OF 1

Surveying and Mapping for the Energy Industry
13800 Wireless Way, Oklahoma City, OK 73134 www.topographic.com
Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

This topographic map depicts the Walnut Creek area, showing contour lines, water bodies, and infrastructure. The map is divided into sections 34, 35, and 36. Key features include:

- Water Bodies:** Walnut Creek, North Fork, and several smaller creeks and ponds.
- Infrastructure:** A pipeline (dashed line) and a corporate boundary (yellow line).
- Elevation:** Contour lines indicating elevations from 1150 to 1225 feet.
- Labels:** "DSBY", "FIELD", "Gravel Pits", "Cole", and "BR 133".

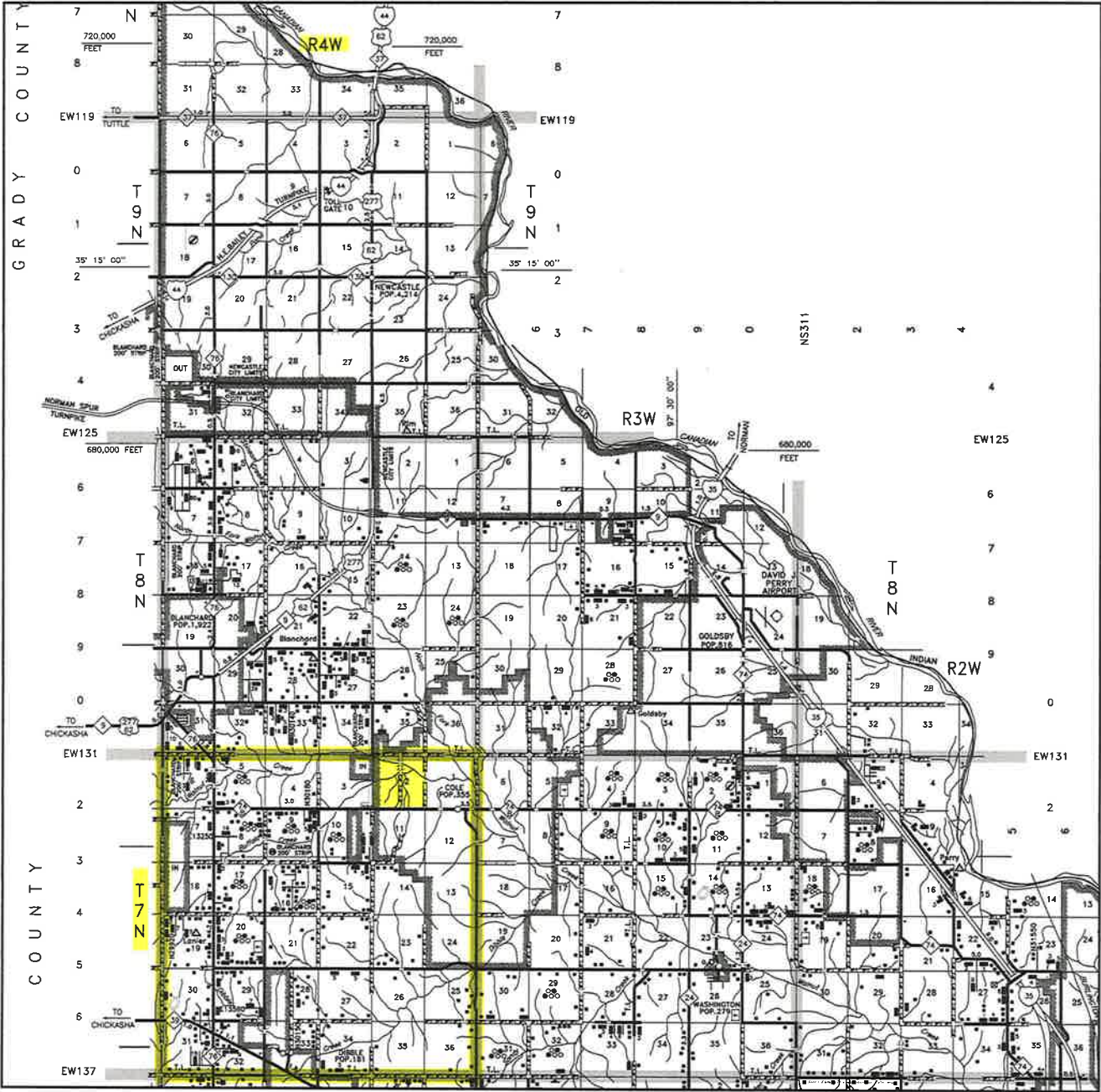


Feb. 08, 2018

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 2 Twp. 7N Rng. 4W I.M.

County MCCLAIN State OK

Operator EOG RESOURCES, INC.

