

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

API NUMBER: 087 22138

Approval Date: 05/21/2018

Expiration Date: 11/21/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 8N Rge: 4W

County: MCCLAIN

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 1920

Lease Name: WILSON

Well No: 0532 1H

Well will be 250 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

PHYLLIS J WILSON  
PO BOX 187  
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9420	6	
2	WOODFORD	9480	7	
3	HUNTON	9650	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802755  
201802756  
201802757  
201802758

Special Orders:

Total Depth: 17068

Ground Elevation: 1243

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 510

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 BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34062

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 BED AQUIFER

Pit Location Formation: DUNCAN

## HORIZONTAL HOLE 1

Sec 32 Twp 9N Rge 4W County MCCLAIN

Spot Location of End Point: S2 NW NW SW

Feet From: SOUTH 1/4 Section Line: 2000

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 8988

Radius of Turn: 654

Direction: 350

Total Length: 7053

Measured Total Depth: 17068

True Vertical Depth: 9650

End Point Location from Lease,  
Unit, or Property Line: 330

### Notes:

#### Category

#### Description

DEEP SURFACE CASING

4/18/2018 - 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

4/18/2018 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

4/18/2018 - 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 - 201802755

4/25/2018 - G58 - (640)(HOR) 32-9N-4W  
VAC 474632 HNTN  
EST MSSP, WDFD, HNTN  
COMPL. INT. (MSSP, HNTN) NLT 660' FB  
COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL  
REC 5/14/2018 (NORRIS)

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

087 22138 WILSON 0532 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 - 201802756	4/25/2018 - G58 - (E.O.)(640)(HOR) 5-8N-4W VAC 143514 HNTN EXT 666740 MSSP, WDFD, HNTN COMPL. INT. (MSSP, HNTN) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL REC 5/18/2018 (THOMAS)
PENDING CD - 201802757	4/25/2018 - G58 - (E.O.) 5-8N-4W & 32-9N-4W EST MULTIUNIT HORIZONTAL WELL X201802755 MSSP, WDFD, HNTN (32-9N-4W) X201802756 MSSP, WDFD, HNTN (5-8N-4W) (MSSP AND HNTN ARE ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 5-8N-4W 50% 32-9N-4W NO OP. NAMED REC 5/18/2018 (THOMAS)
PENDING CD - 201802758	4/25/2018 - G58 - (I.O.) 5-8N-4W & 32-9N-4W X201802755 MSSP, WDFD, HNTN (32-9N-4W) X201802756 MSSP, WDFD, HNTN (5-8N-4W) COMPL. INT. (5-8N-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (32-9N-4W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 5/18/2018 (THOMAS)

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

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**-NOTE-**

The information shown herein is for construction purposes ONLY.

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

BOTTOM HOLE  
2000'FSL-330'FWL  
35°12'33.2"N  
97°39'06.3"W  
35.209229487°N  
97.651762582°W  
X 2104033  
Y 682860

LANDING POINT  
165'FSL-330'FWL  
35°11'23.5"N  
97°39'05.8"W  
35.189853109°N  
97.651598912°W  
X 2104106  
Y 675807

Operator: EOG RESOURCES, INC.  
Lease Name: WILSON 0532

Topography & Vegetation Location fell in slope pastured to west, water well ±328' SW, E-W Fc. ±221' North.

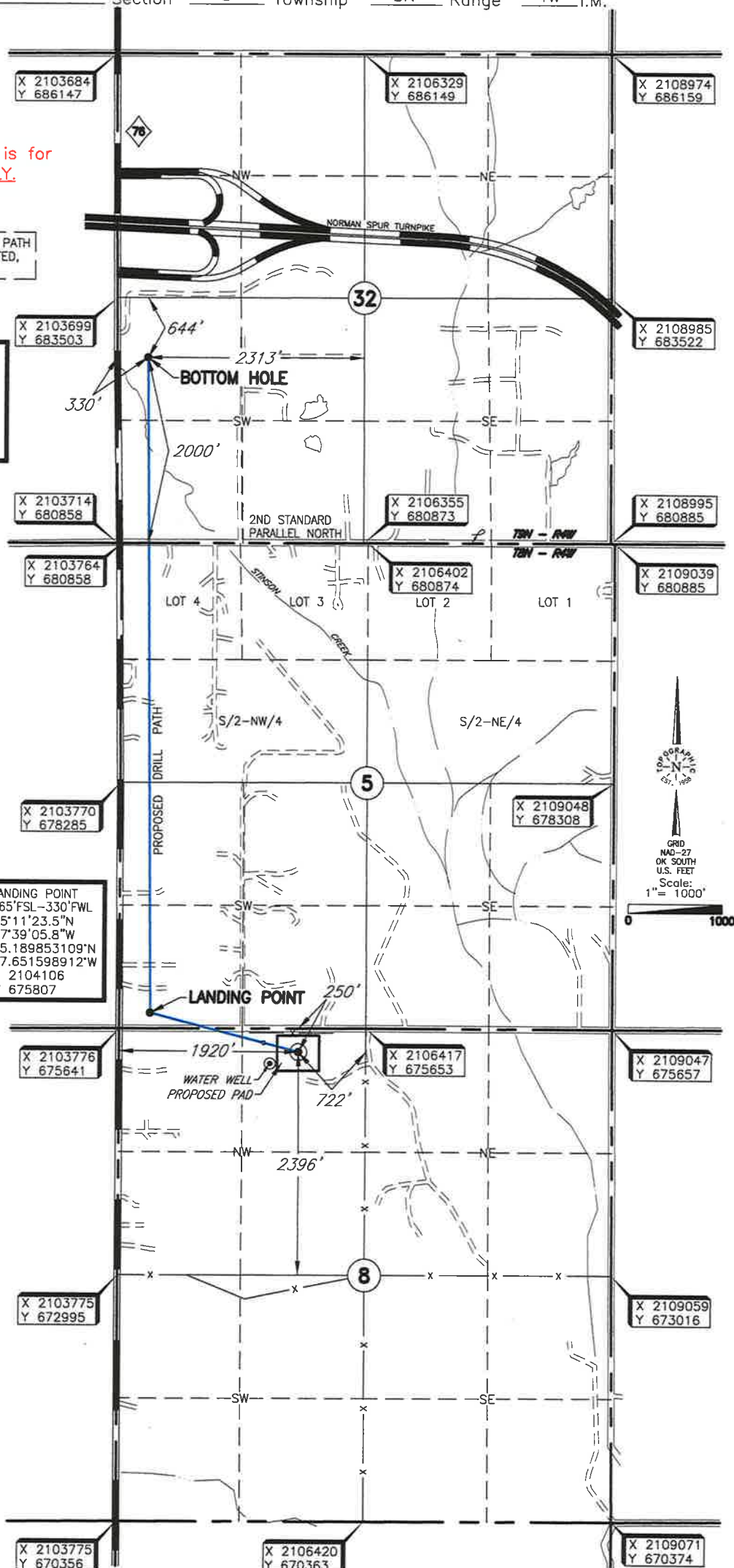
Good Drill Site? Yes

Reference Stakes or Alternate Location  
Stakes Set None

Well No.: #1H

ELEVATION:  
1243' Gr. at Stake

Best Accessibility to Location From North off county road  
Distance & Direction From Jct. of U.S. Hwy. 277 and St. Hwy. 76 in Blanchard, Ok., go ±3.7 miles North on  
St. Hwy. 76 to the NW corner of Section 8, T8N - R4W.



Date of Drawing: January 30, 2018

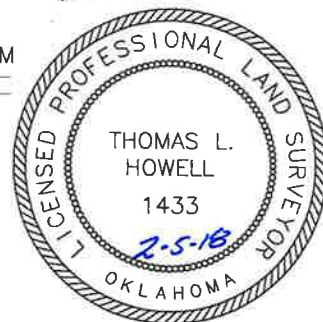
Invoice # 287166A Date Staked: January 24, 2018

RKM

**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



DATUM: NAD-27  
LAT: 35°11'19.4"N  
LONG: 97°38'46.6"W  
LAT: 35.188717275°N  
LONG: 97.646283400°W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2105696  
Y: 675399



250' FNL - 1920' FWL Section 8 Township 8N Range 4W I.M.

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X 2104033  
Y 682860

X 2103699  
Y 683503

X 2103714  
Y 680858

X 2103764  
Y 680858

X 2103770  
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X 2104106  
Y 675807

X 2103776  
Y 675641

X 2103775  
Y 672995

X 2103775  
Y 670356

X 2106329  
Y 686149

X 2108974  
Y 686159

X 2108985  
Y 683522

X 2106355  
Y 680873

X 2106402  
Y 680874

X 2108995  
Y 680885

X 2109039  
Y 680885

X 2109048  
Y 678308

X 2106417  
Y 675653

X 2109047  
Y 675657

X 2109059  
Y 673016

X 2109071  
Y 670374

BOTTOM HOLE

LANDING POINT

WATER WELL PROPOSED PAD

2ND STANDARD PARALLEL NORTH

LOT 4

LOT 3

LOT 2

LOT 1

S/2-NW/4

S/2-NE/4

PROPOSED DRILL PATH

32

5

8



Scale: 1" = 1000'

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Lease Name: WILSON 0532

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Stakes Set None

Good Drill Site? Yes

Best Accessibility to Location From North off county road

Distance & Direction

From Hwy Jct or Town From Jct. of U.S. Hwy. 277 and St. Hwy. 76 in Blanchard, Ok., go ±3.7 miles North on

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Date of Drawing: January 30, 2018

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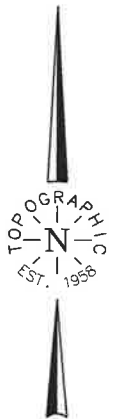
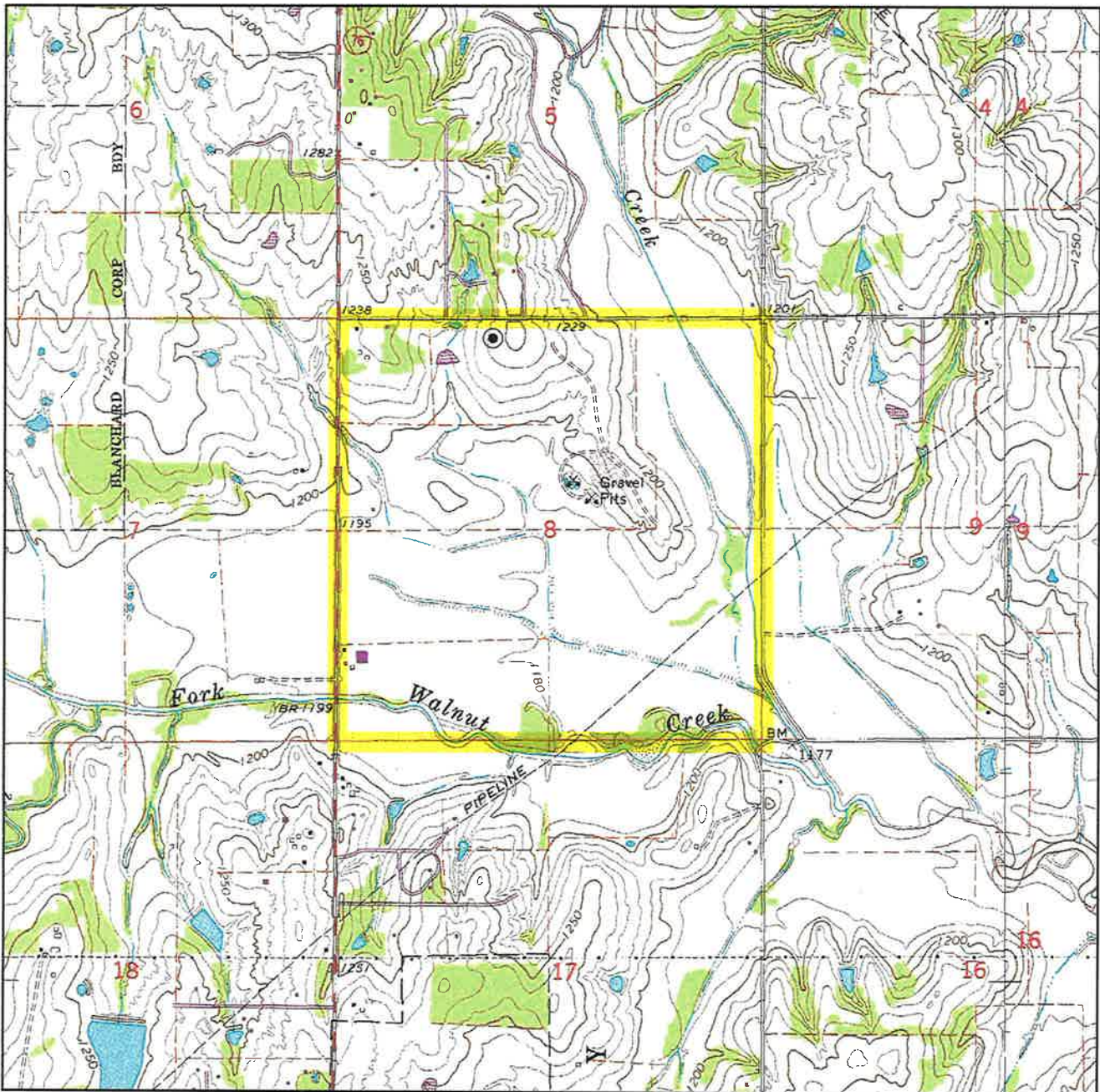
gathered with GPS receiver with 1 ft horizontal accuracy. This information is for informational purposes only.



# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 8 Twp. 8N Rng. 4W IM

County McCLAIN State OK

Operator EOG RESOURCES, INC.

Description 250'FNL - 1920'FWL

Lease WILSON 0532 #1H

Elevation 1243' Gr. at Stake

Above Background Data from  
U.S.G.S. Topographic Map  
Scale: 1"=2000'

Contour Interval 10'

When elevation is shown hereon it is the ground  
elevation of the location stake.  
Review this plat and inform us immediately of  
any possible discrepancy.



LAND SURVEYORS OF OKLAHOMA

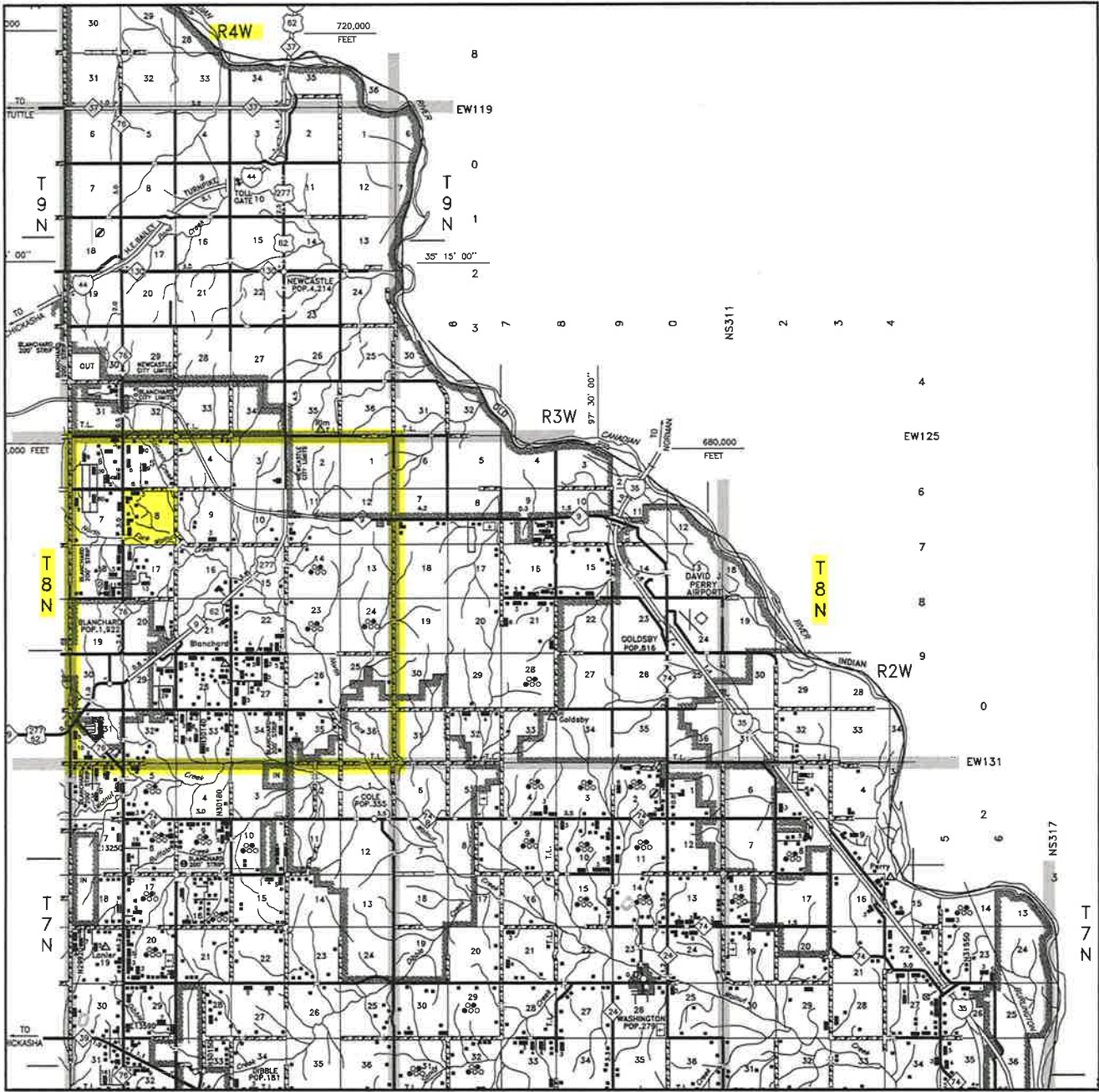
January 24, 2018



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 8 Twp. 8N Rng. 4W IM  
County McClain State OK  
Operator EOG RESOURCES, INC.



T 8 N - R 4 W  
(INDIAN MERIDIAN)



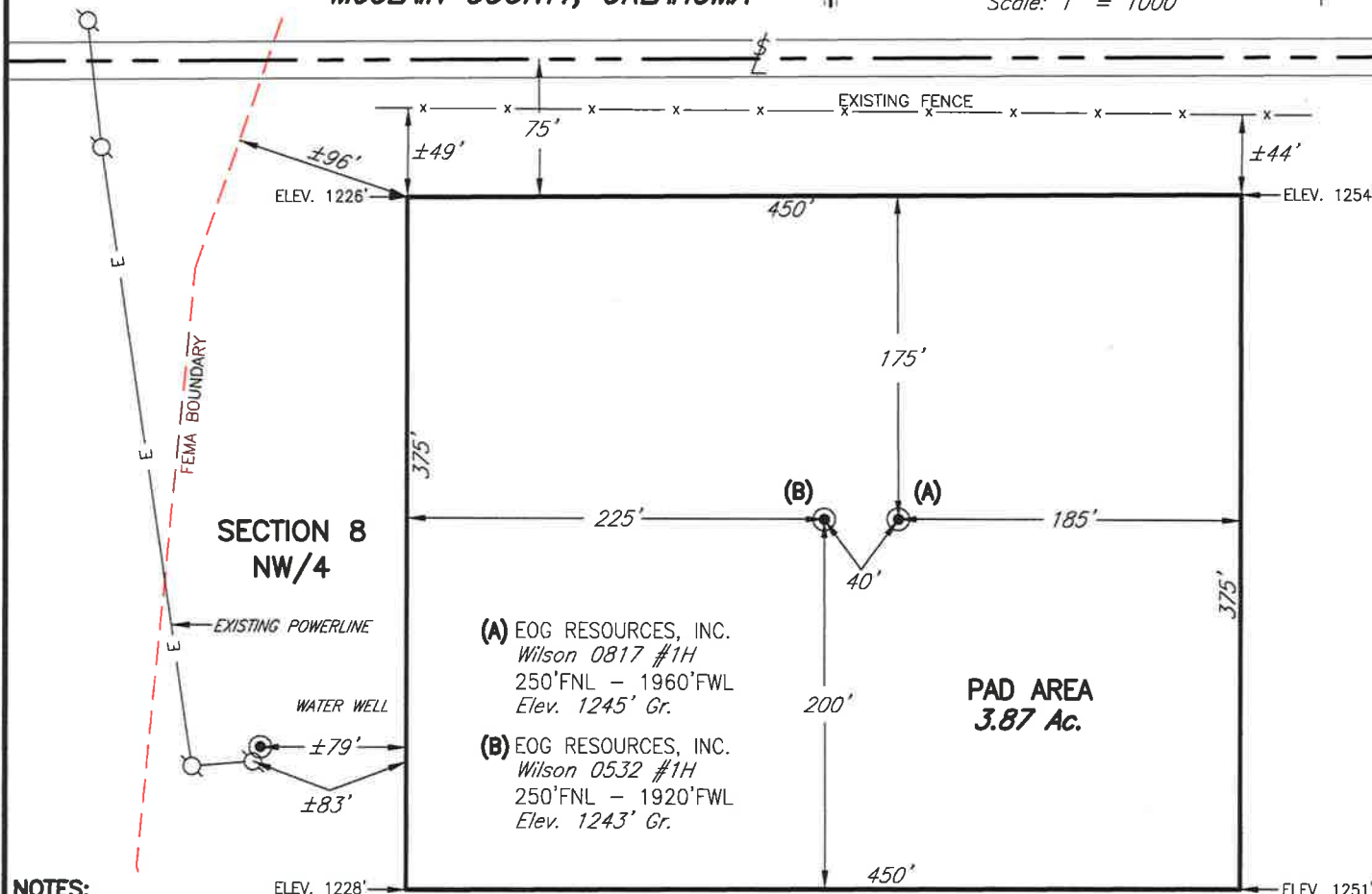
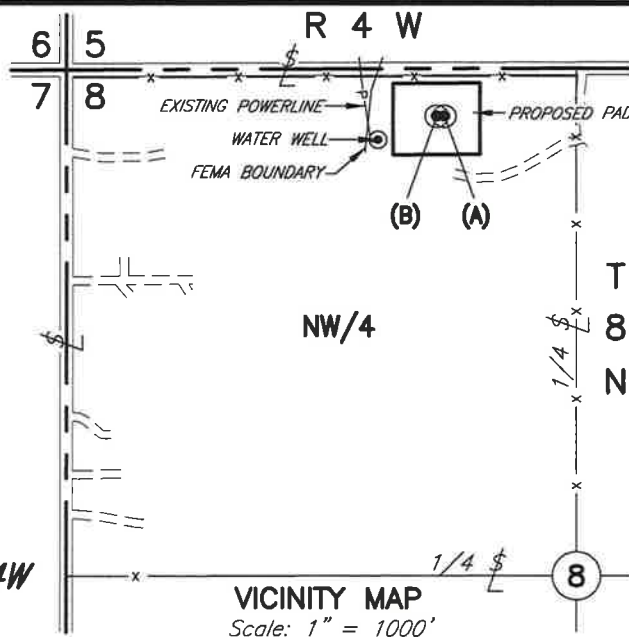
PLAT SHOWING

PROPOSED PAD AREA IN THE  
NW/4 OF SECTION 8, T8N - R4W  
McCLAIN COUNTY, OKLAHOMA



GRID  
NAD-27  
OK SOUTH  
U.S. FEET

0 100



NOTES:

- The information shown herein is for construction purposes ONLY
- Location does not lie within flood plain

-LEGEND-

Q = POWER POLE

NO.	REVISION	DATE	BY
SUR. BY:	PJ	1-24-18	
DRAWN BY:	RKM		
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:	2-1-18
INVOICE NO.:	287166
FILE NAME:	L4241A.DWG
DWG NO.:	105048-L4-241-A
SHEET	1 OF 1