

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

API NUMBER: 045 23774

Approval Date: 11/05/2018  
Expiration Date: 05/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 18N Rge: 24W County: ELLIS  
SPOT LOCATION:  NE  NE  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 182 1600

Lease Name: JOHNSON TRUST 32 Well No: 4H Well will be 182 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC Telephone: 4052463212 OTC/OCC Number: 16231 0

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

JOE DON AND SALLY JAREE WAYLAND  
182375 EAST COUNTY ROAD 57  
GAGE OK 73843-

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

Name	Depth	Name	Depth
1 MARMATON	9450	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 604003 Location Exception Orders: 674440 Increased Density Orders: 673879

Pending CD Numbers: Special Orders:

Total Depth: 14600 Ground Elevation: 2364 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 570

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: 100000 Average: 5000

E. Haul to Commercial pit facility: Sec. 34 Twn. 14N Rng. 24W Cnty. 129 Order No: 563353

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

H. SEE MEMO

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: CLOUD CHIEF

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: 100000

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: CLOUD CHIEF

HORIZONTAL HOLE 1

Sec 32 Twp 18N Rge 24W County ELLIS

Spot Location of End Point: SE SW SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2170

Depth of Deviation: 9100

Radius of Turn: 317

Direction: 185

Total Length: 5002

Measured Total Depth: 14600

True Vertical Depth: 9581

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

Notes:

Category

Description

DEEP SURFACE CASING

10/19/2018 - GA8 - 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

10/19/2018 - GA8 - 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)

INCREASED DENSITY - 673879

11/5/2018 - G58 - 32-18N-24W  
X604003 MRMN  
2 WELLS  
EOG RESOURCES, INC.  
2/23/2018

LOCATION EXCEPTION - 674440

11/5/2018 - G58 - (I.O.) 32-18N-24W  
X604003 MRMN  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 2170' FEL  
EOG RESOURCES, INC.  
3/8/2018

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

045 23774 JOHNSON TRUST 32 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
MEMO	10/19/2018 - GA8 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING - 604003	11/5/2018 - G58 - (640)(HOR) 32-18N-24W EXT 588987/600333 MRMN POE TO BHL NCT 660' FB

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**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 \* OUT OF STATE (800) 654-3219

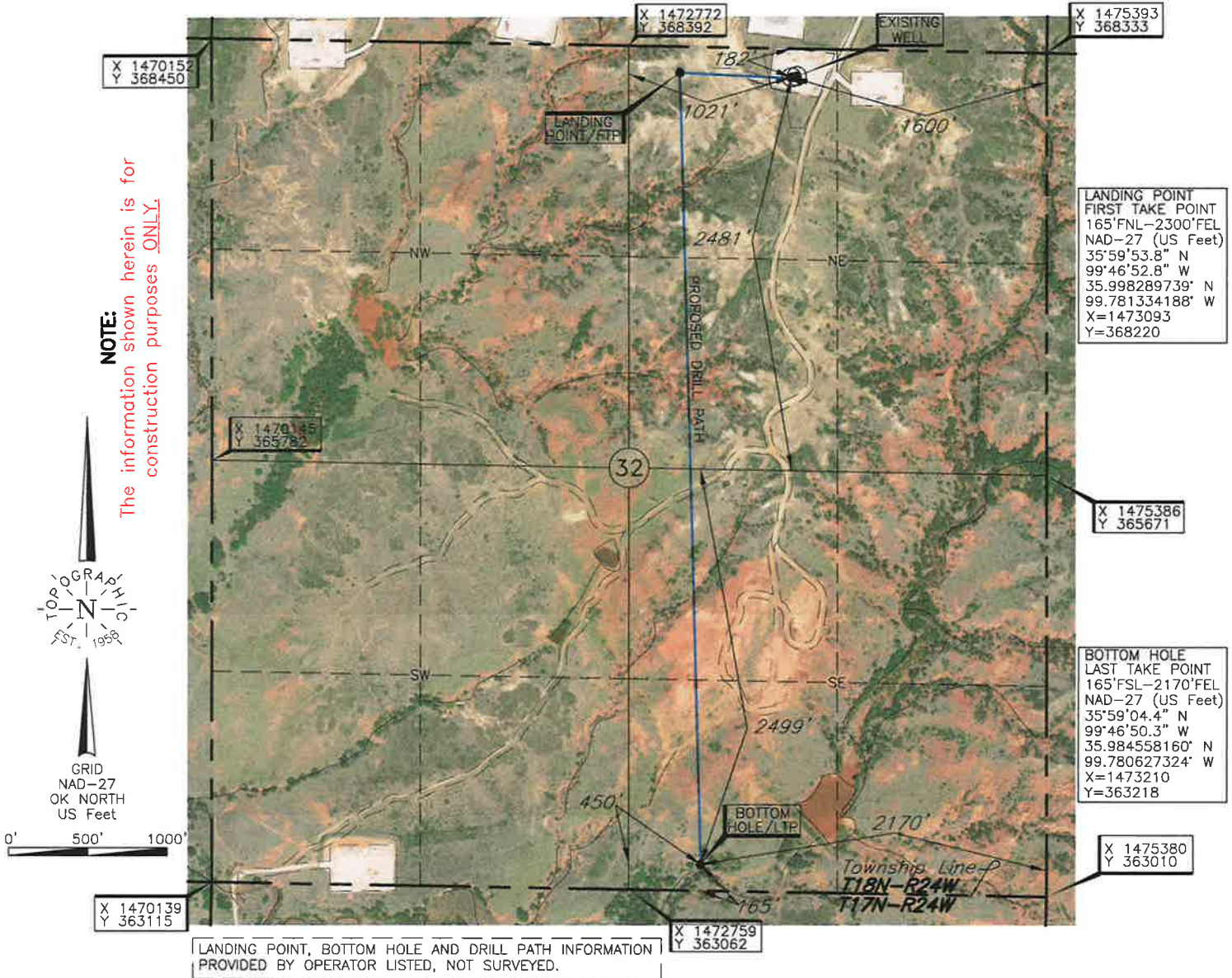
045-23774

Certificate of Authorization No. 1293 LS

ELLIS

County, Oklahoma

182'FNL - 1600'FEL Section 32 Township 18N Range 24W I.M.



Operator: EOG RESOURCES, INC.

Lease Name: JOHNSON TRUST 32

Well No.: #4H **ELEVATION:** 2364' Gr. at level pad

Topography & Vegetation Loc. fell on level pad

Good Drill Site? Yes Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From NE off lease road

Distance & Direction From Jct. US Hwy. 60 E-W and US Hwy. 283 South, East of Arnett,

OK, go ±9.5 mi. South, then ±1.0 mi. West through Sec. 33 to the NE Cor. of Sec. 32-T18N-R24W

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

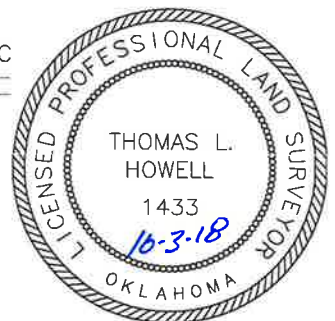
DATUM: NAD-27  
LAT: 35°59'53.6"N  
LONG: 99°46'44.3"W  
LAT: 35.998235609° N  
LONG: 99.778965269° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1473793  
Y: 368187

Revision  B Date of Drawing: Oct. 02, 2018  
Invoice # 300173A Date Staked: Aug. 08, 2018 AC

**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

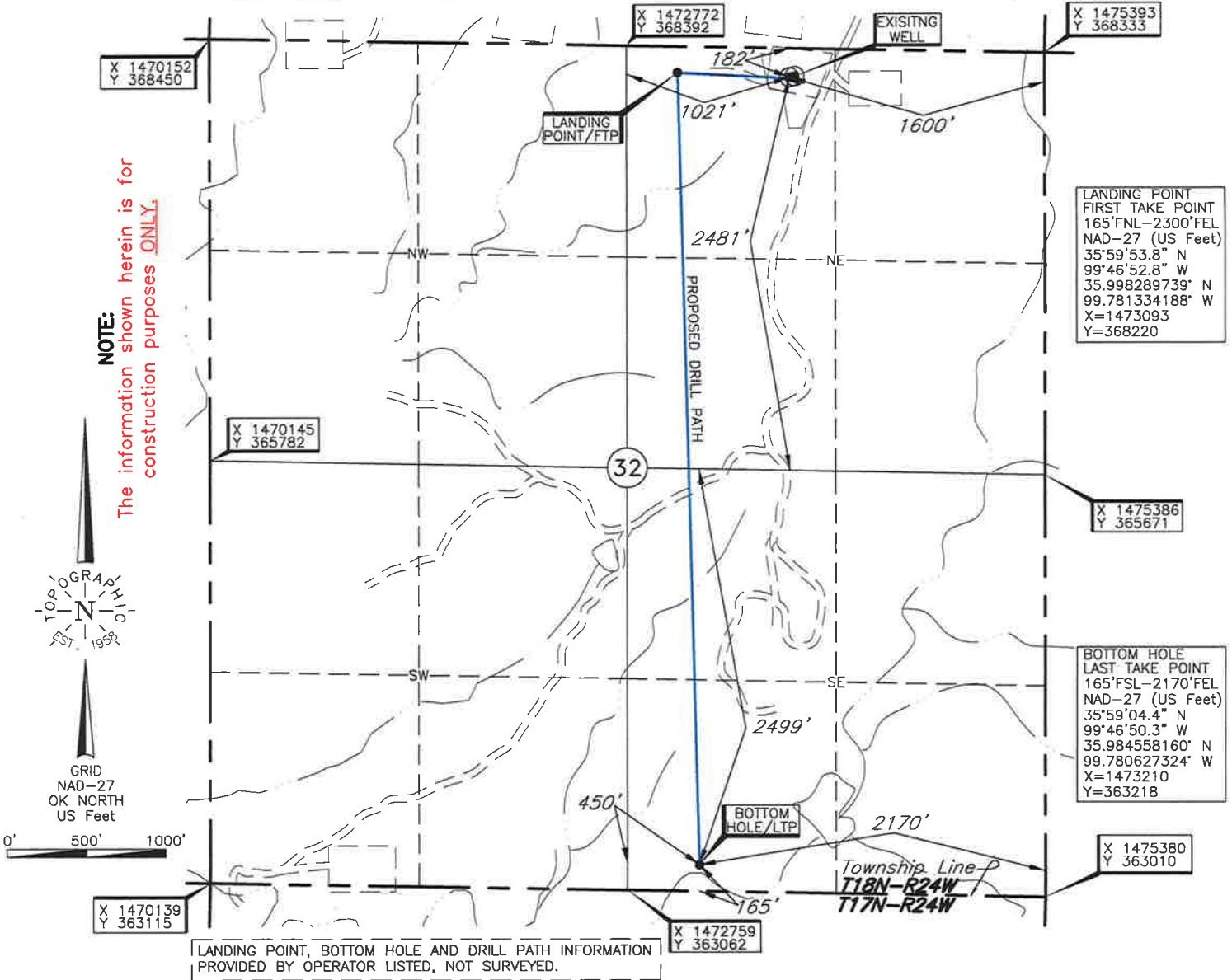
Thomas L. Howell  
Oklahoma Lic. No. 1433



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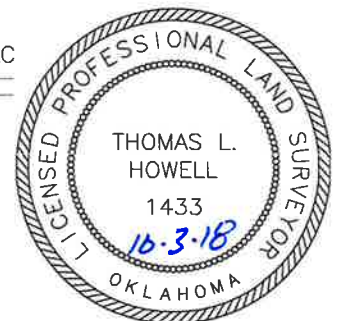
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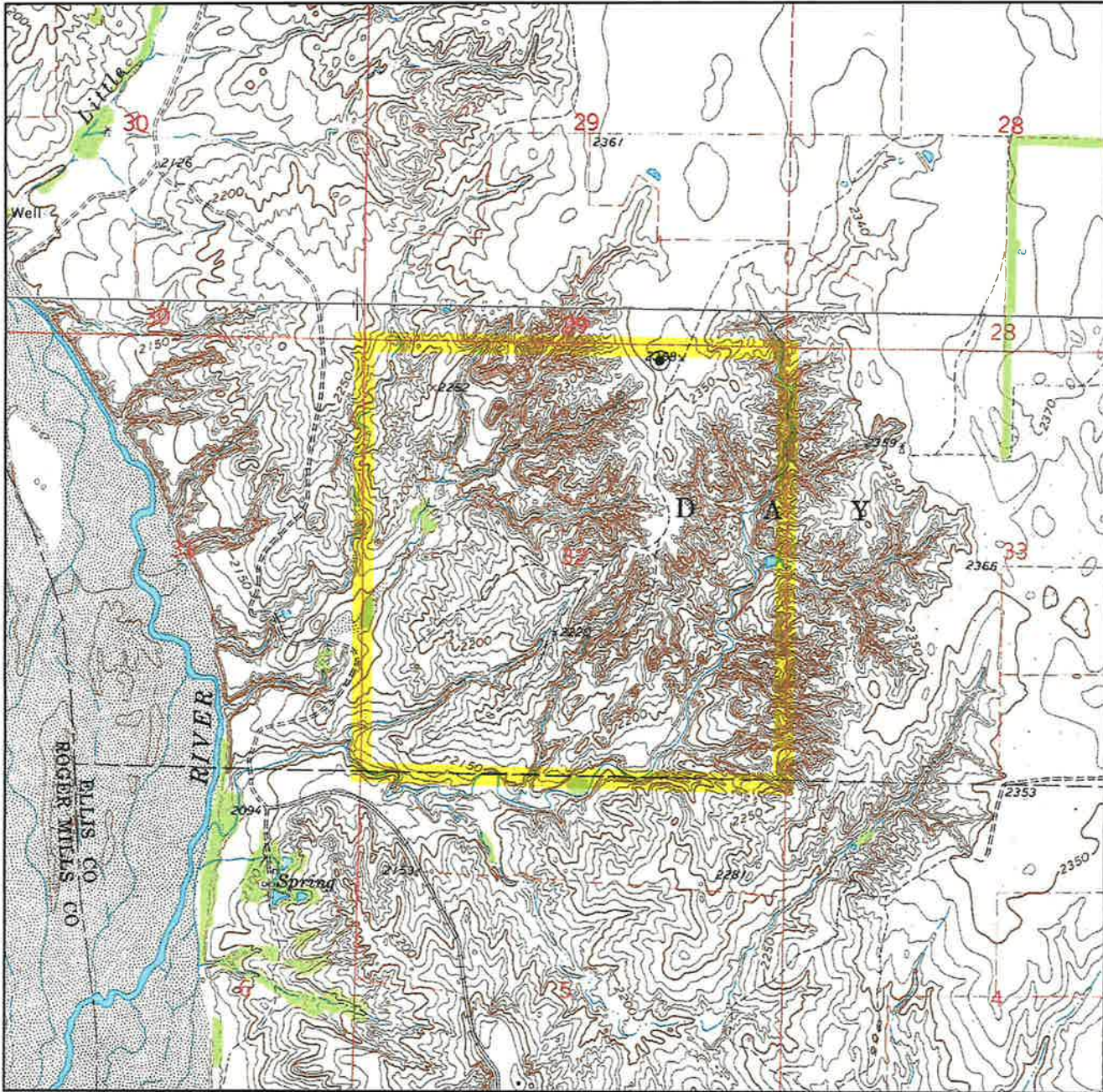
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# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 32 Twp. 18N Rng. 24W IM

County ELLIS State OK

Operator EOG RESOURCES, INC.

Description 182'FNL - 1600'FEL

Lease JOHNSON TRUST 32 #4H

Elevation 2364' Gr. at level pad

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

Aug. 08, 2018

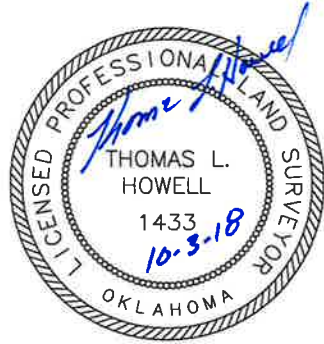
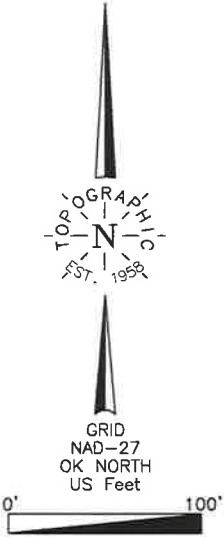
# T 18 N - R 24 W (INDIAN MERIDIAN)

PLAT SHOWING

EXISTING PAD AND PAD EXTENSION AREA  
IN THE NE/4 OF SECTION 32, T18N-R24W  
ELLIS COUNTY, OKLAHOMA

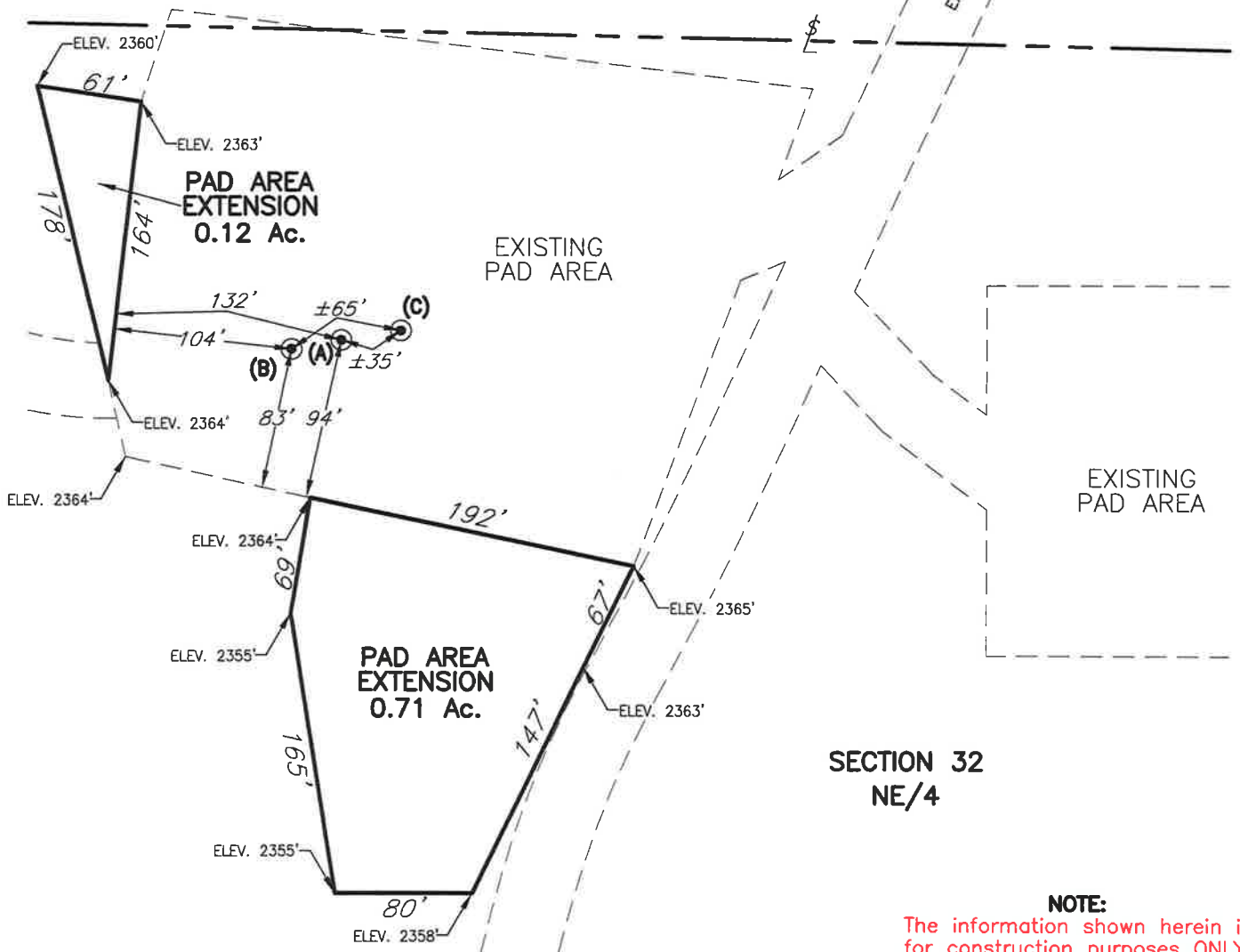


VICINITY MAP  
(Scale: 1" = 1000')



- (A) EOG RESOURCES, INC.  
JOHNSON TRUST 32 #4H  
182'FNL-1600'FEL  
Elev. 2364' Gr.
- (B) EOG RESOURCES, INC.  
JOHNSON TRUST 3205 #3H  
188'FNL-1629'FEL  
Elev. 2364' Gr.

(C) EXISTING WELL



SECTION 32  
NE/4

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

1	LEASE NAME CHANGE	10/01/18	AC
NO.	REVISION	DATE	BY
SUR. BY:	DJ	8/08/18	
DRAWN BY:	AC		
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:	8/11/18
INVOICE NO.:	300173
FILE NAME:	L2297B.DWG
DWG NO.:	105048-L2-297-B
SHEET	1 OF 1