

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

API NUMBER: 045 23773

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: NW NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 188 1629

Lease Name: JOHNSON TRUST 3205 Well No: 3H Well will be 188 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 73743-

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: 674441 Increased Density Orders: 673879
577799 673880
677477

Pending CD Numbers:

Special Orders:

Total Depth: 20100 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 05 Twp 17N Rge 24W County ELLIS

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2336

Depth of Deviation: 9100

Radius of Turn: 448

Direction: 190

Total Length: 10296

Measured Total Depth: 20100

True Vertical Depth: 9681

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; 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

INCREASED DENSITY - 673879

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

INCREASED DENSITY - 673880

11/5/2018 - G58 - 5-17N-24W
X577799 MRMN
1 WELL
EOG RESOURCES, INC.
2/23/2018

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045 23773 JOHNSON TRUST 3205 3H

Category	Description
LOCATION EXCEPTION - 674441	11/5/2018 - G58 - (I.O.) 32-18N-24W & 5-17N-24W X604003 MRMN 32-18N-24W X577799 MRMN 5-17N-24W COMPL. INT. 32-18N-24W NCT 165' FNL, NCT 0' FSL, NCT 1960' FWL COMPL. INT. 5-17N-24W NCT 0' FNL, NCT 165' FSL, NCT 1960' FWL EOG RESOURCES, INC. 3/8/2018
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 - 577799	11/5/2018 - G58 - (640)(HOR) 5-17N-24W EST MRMN, OTHERS POE TO BHL NCT 660' FB (COEXIST SP. ORDER 124541, OSWG)
SPACING - 604003	11/5/2018 - G58 - (640)(HOR) 32-18N-24W EXT 588987/600333 MRMN POE TO BHL NCT 660' FB
SPACING - 677477	11/5/2018 - G58 - (I.O.) 32-18N-24W & 5-17N-24W EST MULTIUNIT HORIZONTAL WELL X604003 MRMN 32-18N-24W X577799 MRMN 5-17N-24W 50% 32-18N-24W 50% 5-17N-24W EOG RESOURCES, INC. 5/9/2018

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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
 Certificate of Authorization No. 1293 LS

045-23773

ELLIS

County, Oklahoma

188'FNL - 1629'FEL Section 32 Township 18N Range 24W L.M.

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

Operator: EOG RESOURCES, INC.
 Lease Name: JOHNSON TRUST 3205
 Topography & Vegetation Loc. fell on level pad, ±35' SW of existing well
 Well No.: #3H
ELEVATION:
2364' Gr. at level pad

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

Best Accessibility to Location From NE of 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. 32-118N-R24W



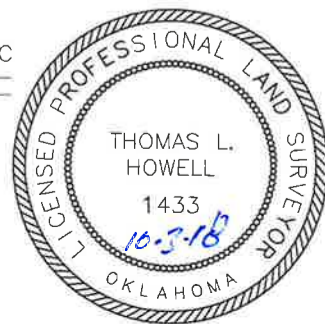
Revision B Date of Drawing: Oct. 02, 2018
 Invoice # 300173 Date Staked: Aug. 08, 2018 AC

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°59'53.6"N
 LONG: 99°46'44.6"W
 LAT: 35.998219341° N
 LONG: 99.779063160° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1473764
 Y: 368182

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

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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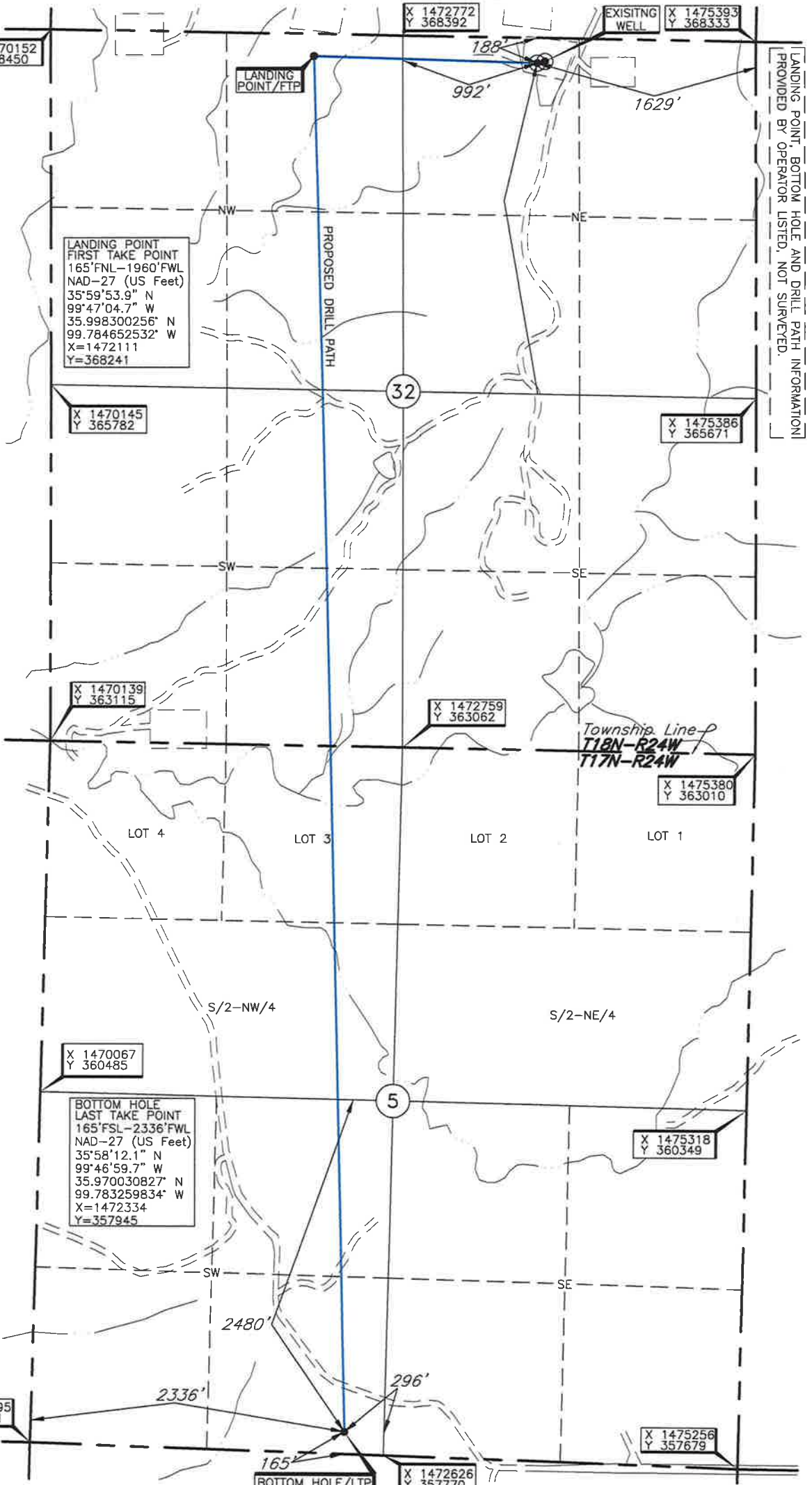
045-23773

ELLIS County, Oklahoma

188'FNL - 1629'FEL Section 32 Township 18N Range 24W I.M.



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

Operator: EOG RESOURCES, INC.
 Lease Name: JOHNSON TRUST 3205
 Topography & Vegetation: Loc. fall on level pad, ±35' SW of existing well
 Well No.: #3H
 ELEVATION: 2364' Gr. at 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

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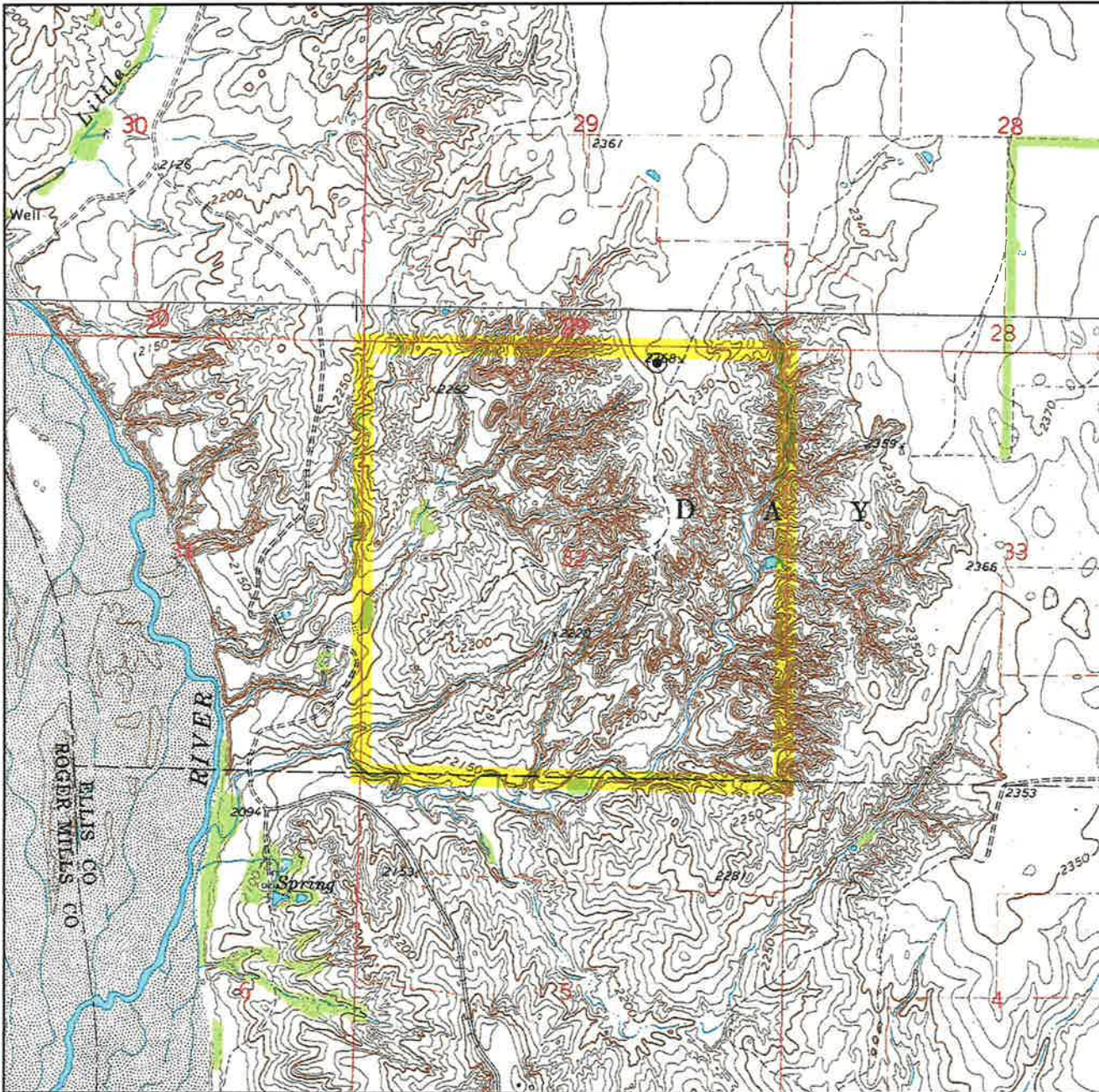
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 LAT: 35.998219341° N
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 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1473764
 Y: 368182

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

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 188'FNL - 1629'FEL

Lease JOHNSON TRUST 3205 #3H

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

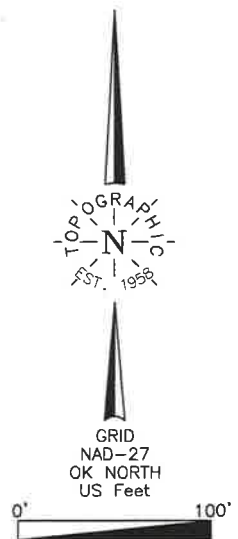
Aug. 08, 2018

T 18 N - R 24 W

(INDIAN MERIDIAN)

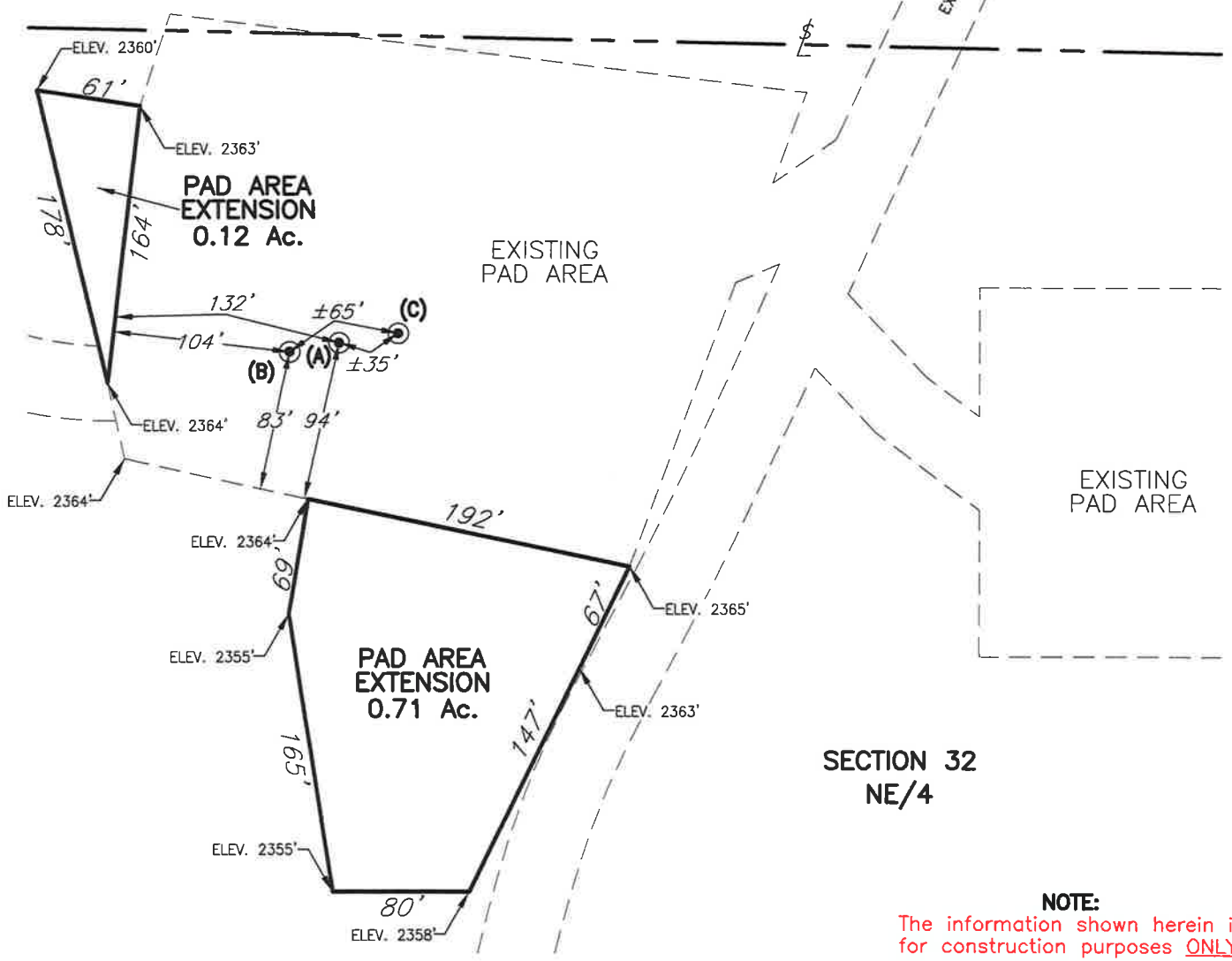
PLAT SHOWING

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



- (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



NOTE:
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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