

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

API NUMBER: 011 24039

Approval Date: 06/25/2018

Expiration Date: 12/25/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 19N Rge: 10W

County: BLAINE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 220 660

Lease Name: EL GATO GRANDE

Well No: 1-2H

Well will be 220 feet from nearest unit or lease boundary.

Operator Name: HUSKY VENTURES INC

Telephone: 4056009393

OTC/OCC Number: 20434 0

HUSKY VENTURES INC
5800 NW 135TH ST
OKLAHOMA CITY, OK 73142-5938

MIKE AND JUDY ELLIOTT
220 WEST TEXAS STREET
CLEO SPRINGS OK 73729

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

	Name	Depth	Name	Depth
1	WOODFORD	8381	6	
2	HUNTON	8411	7	
3			8	
4			9	
5			10	

Spacing Orders: 662909

Location Exception Orders: 201706225

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13188

Ground Elevation: 1186

Surface Casing: 325

Depth to base of Treatable Water-Bearing FM: 270

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 8000 Average: 5000

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: CEDAR HILLS

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

PERMIT NO: 18-34792

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 02 Twp 19N Rge 10W County BLAINE

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 100

Feet From: WEST 1/4 Section Line: 1157

Depth of Deviation: 7602

Radius of Turn: 392

Direction: 5

Total Length: 4971

Measured Total Depth: 13188

True Vertical Depth: 8500

End Point Location from Lease,
Unit, or Property Line: 100

Notes:

Category

Description

HYDRAULIC FRACTURING

5/30/2018 - 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

INTERMEDIATE CASING

5/30/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

LOCATION EXCEPTION - 677720

5/30/2018 - G58 - (I.O.) W2 2-19N-10W
X662909 HNTN
SHL 220' FSL, 660' FWL
COMPL. INT. NCT 220' FSL, NCT 200' FNL, NCT 660' FWL
HUSKY VENTURES, INC.
5/15/2018

SPACING - 662909

5/30/2018 - G58 - (320)(HOR) W2 2-19N-10W SU
VAC 245862 NW4 & S2 SW4 HNTN, OTHERS
EST WDFD, HNTN, OTHERS
COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
COMPL. INT. (HNTN) NLT 660' FB
(COEXIST SP. ORDER 245682** N2 SW4 HNTN, OTHERS)

**S/B 245862 WILL ISSUE NPT PER ATTORNEY FOR OP.

SPACING - 674167

5/30/2018 - G58 - NPT TO SP. ORDER 662909 TO PROPERLY REFLECT 320 ACRE HORIZONTAL SPACING IN PARAGRAPH 5,3

SPACING - 679312

6/25/2018 - G58 - NPT TO 662909 TO CORRECT PARAGRAPH 6.4 TO CORRECT SP. ORDER TO ORDER NO. 245862

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.

011 24039 EL GATO GRANDE 1-2H

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

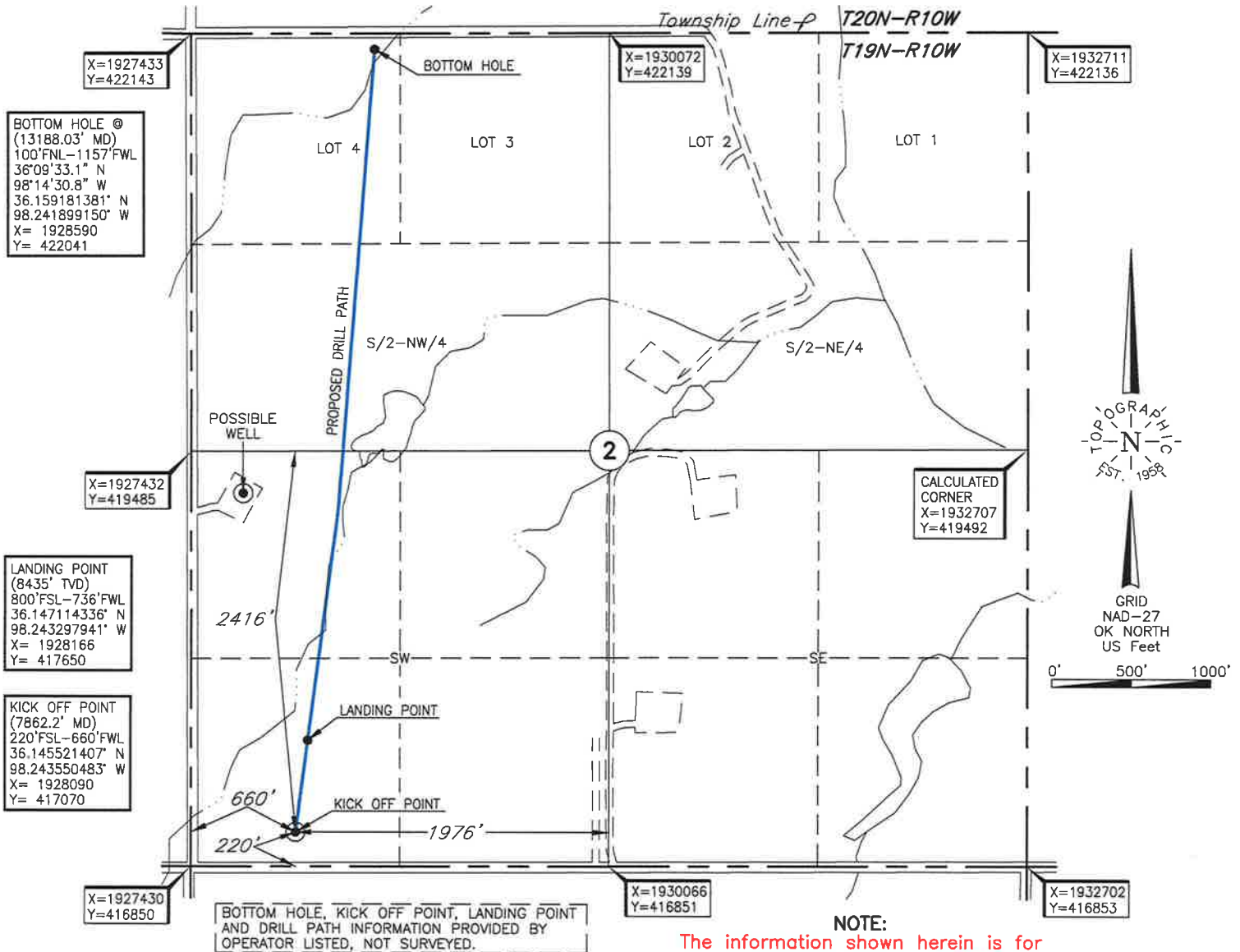
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

BLAINE

County, Oklahoma

011-24039

220'FSL - 660'FWL Section 2 Township 19N Range 10W I.M.



Operator: HUSKY VENTURES, LLC

Lease Name: EL GATO GRANDE

Well No.: 1-2H

ELEVATION:

1186' Gr. at Pad

Topography & Vegetation Loc. fell on existing pad, ±190' North of E-W power line

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 Jct or Town From Okeene, OK, go ± 4.0 mi. East on St. Hwy. 51, then ±2.0 mi. North to
the SW Cor. of Sec. 2-T19N-R10W

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

DATUM: NAD-27
LAT: 36°08'43.9"N
LONG: 98°14'36.8"W
LAT: 36.145521407° N
LONG: 98.243550483° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1928090
Y: 417070

Revision ☒ A

Date of Drawing: June 22, 2018

Invoice # 294160 Date Staked: May 18, 2018

JP

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



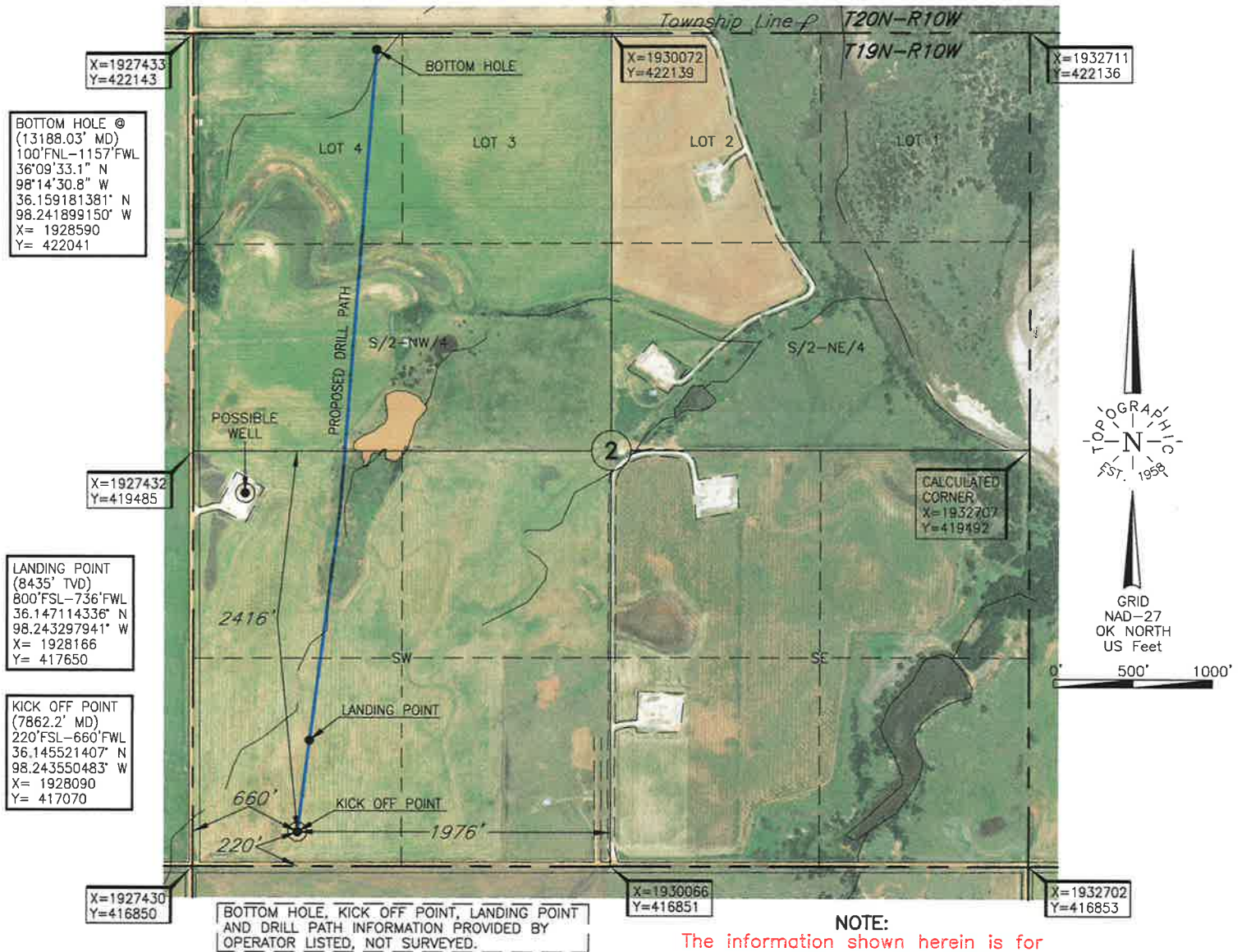
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

BLAINE

County, Oklahoma

220'FSL - 660'FWL Section 2 Township 19N Range 10W I.M.



Operator: HUSKY VENTURES, LLC

Lease Name: EL GATO GRANDE

Well No.: 1-2H

ELEVATION:

1186' Gr. at Pad

Topography & Vegetation Loc. fell on existing pad, ±190' North of E-W power line

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 Jct or Town From Okeene, OK, go ± 4.0 mi. East on St. Hwy. 51, then ±2.0 mi. North to
the SW Cor. of Sec. 2-T19N-R10W

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.
DATUM: NAD-27
LAT: 36°08'43.9"N
LONG: 98°14'36.8"W
LAT: 36.145521407° N
LONG: 98.243550483° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1928090
Y: 417070

Revision ☒ A

Date of Drawing: June 22, 2018

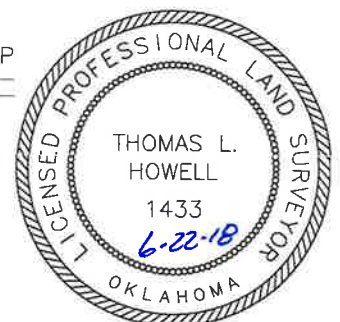
Invoice # 294160 Date Staked: May 18, 2018

JP

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



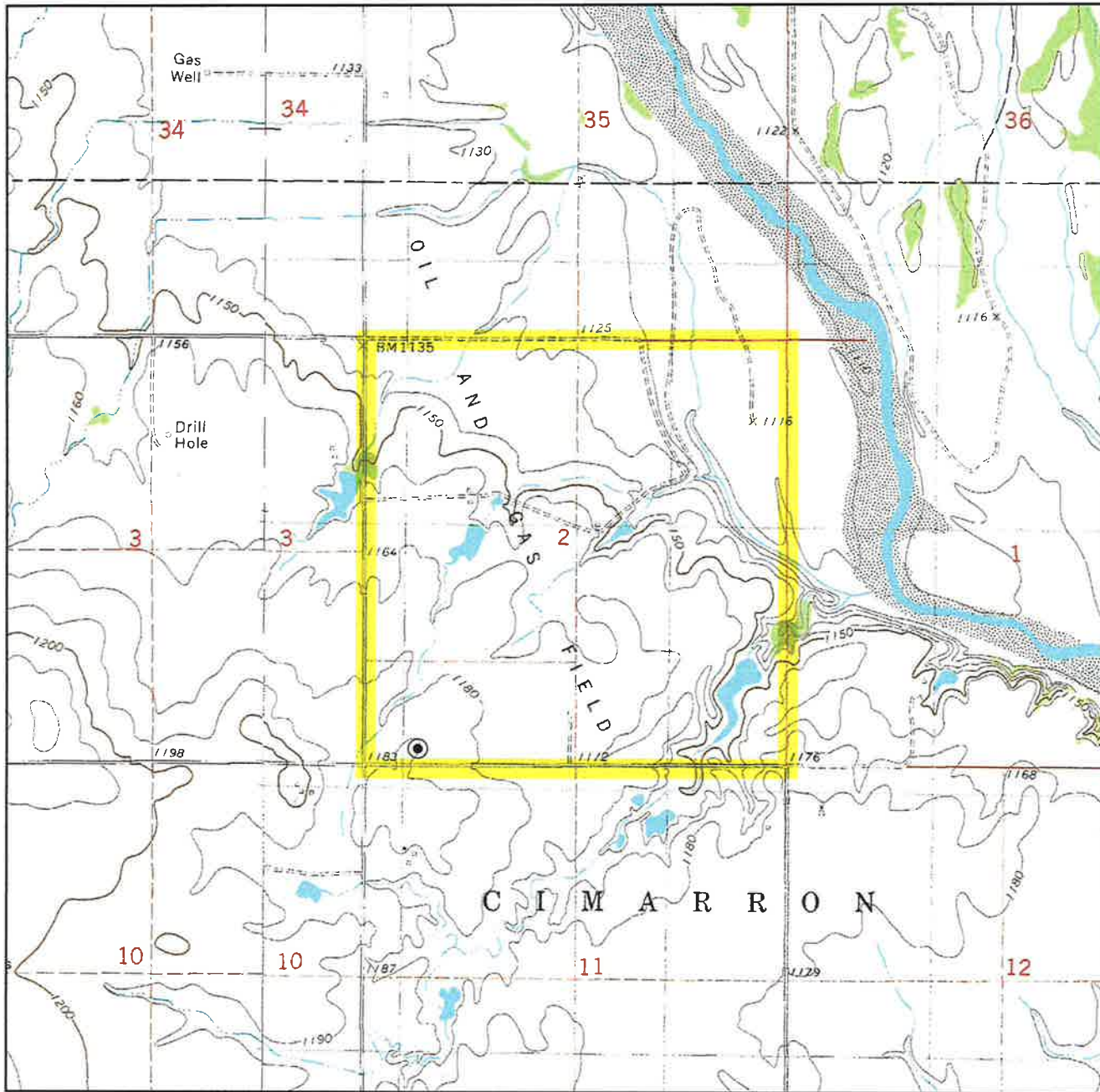
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

LOCATION & ELEVATION VERIFICATION MAP



Sec. 2 Twp. 19N Rng. 10W IM

County BLAINE State OK

Operator HUSKY VENTURES, LLC

Description 220'FSL - 660'FWL

Lease EL GATO GRANDE 1-2H

Elevation 1186' Gr. at Pad

U.S.G.S. Topographic
Quadrangle Map AMES, OK

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.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

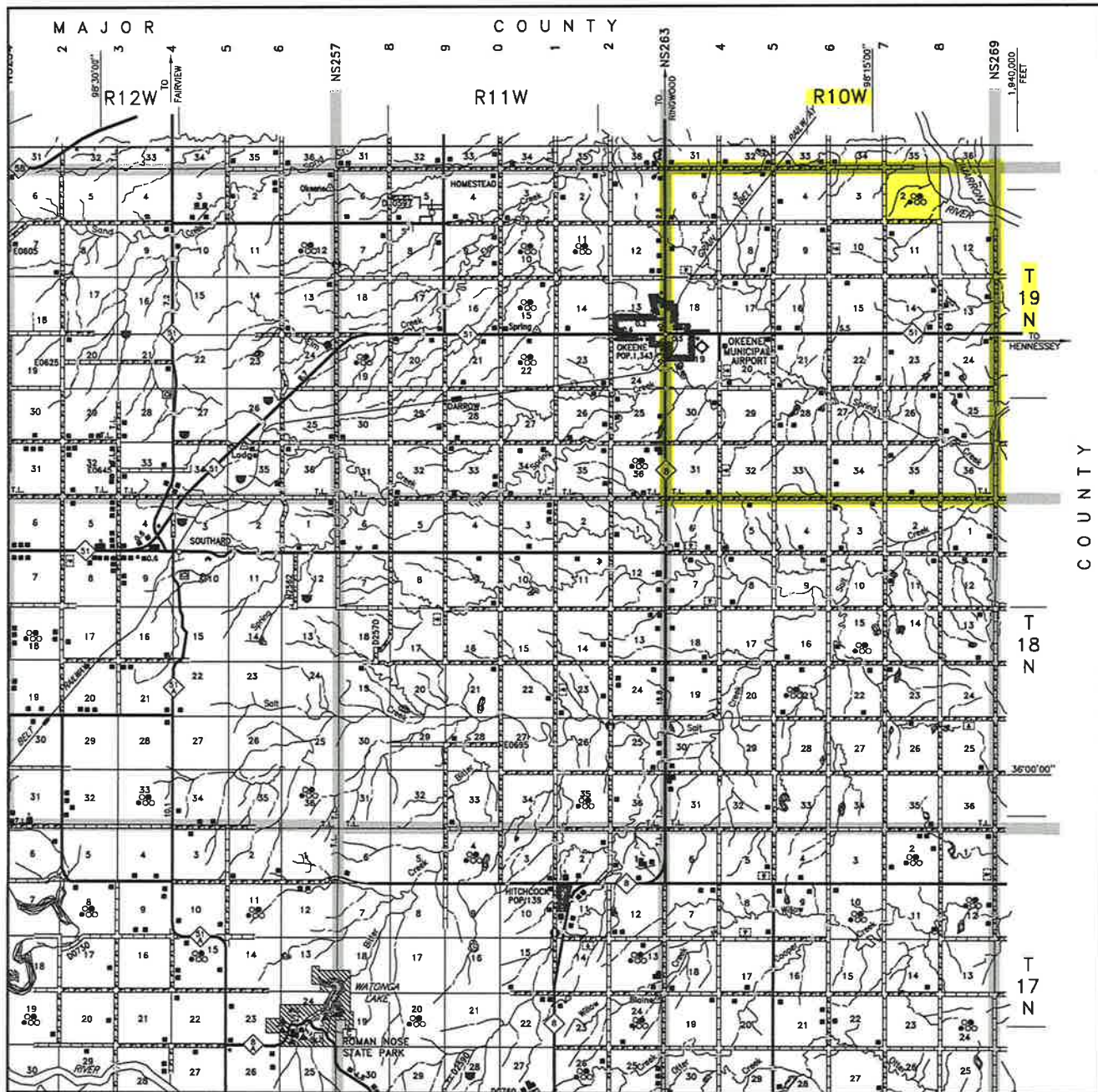
LAND SURVEYORS OF OKLAHOMA

May 18, 2018

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

VICINITY MAP



Scale: 1" = 3 Miles

Sec. 2 Twp. 19N Rng. 10W IM

County BLAINE State OK

Operator HUSKY VENTURES, LLC



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

LAND SURVEYORS OF OKLAHOMA