

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

API NUMBER: 011 24235

Approval Date: 07/26/2019

Expiration Date: 01/26/2021

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 19N Rge: 11W

County: BLAINE

SPOT LOCATION:

SE

SW

SW

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

175

539

Lease Name: CAPTAIN AMERICA

Well No: 1-1H

Well will be 175 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

POLLOCK LAND AND CATTLE CO.
P.O. BOX 667
C/O WAYNE POLLOCK
CANTON OK 73724

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

Name	Depth	Name	Depth
1 HUNTON	8650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 693601

Location Exception Orders: 697001

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13980

Ground Elevation: 1251

Surface Casing: 390

Depth to base of Treatable Water-Bearing FM: 340

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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FLOWERPOT

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

PERMIT NO: 19-36821

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 01 Twp 19N Rge 11W County BLAINE

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 101

Feet From: WEST 1/4 Section Line: 527

Depth of Deviation: 8475

Radius of Turn: 637

Direction: 359

Total Length: 4504

Measured Total Depth: 13980

True Vertical Depth: 9040

End Point Location from Lease,
Unit, or Property Line: 101

Notes:

Category

Description

HYDRAULIC FRACTURING

7/17/2019 - 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

7/17/2019 - 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 - 697001

7/26/2019 - G56 - (I.O.) 1-19N-11W
X693601 HNTN
COMPL INT NCT 200' FSL, NCT 200' FNL, NCT 330' FWL
HUSKY VENTURES, INC.
6/3/2019

SPACING - 693601

7/26/2019 - G56 - (640)(HOR) 1-19N-11W
EXT OTHERS
EST HNTN, OTHERS
COMPL INT NCT 660' FB
(COEXIST WITH SP # 64020 MSRH, # 280611 HNTN, # 646352 HNTN***)

***SP # 646352 IS BEING EXT TO 1-19N-11W FROM 36-20N-11W, COEXISTING IS NOT NECESSARY, WILL BE REMOVED VIA NUNC PRO TUNC PER ATTORNEY FOR OPERATOR

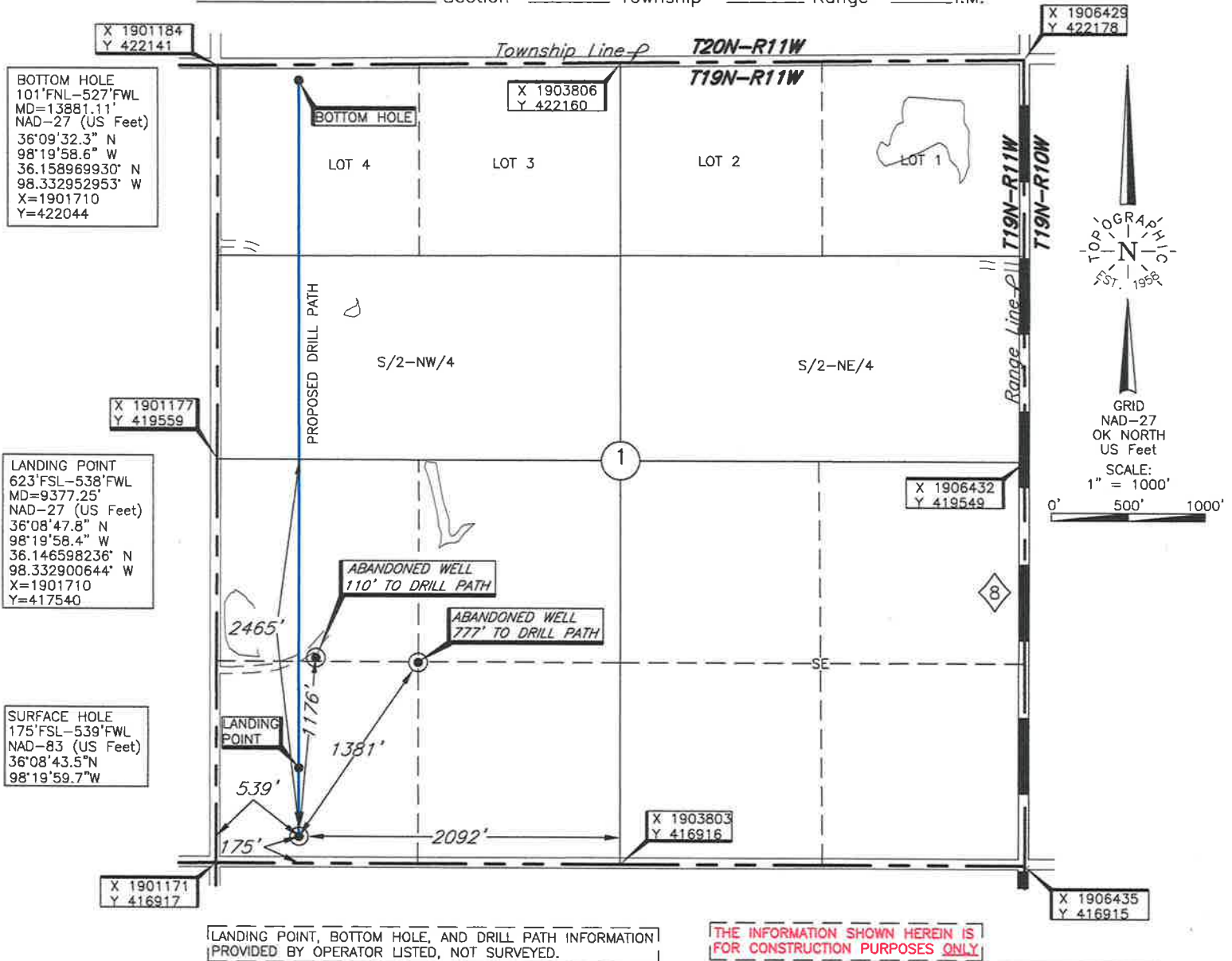
011-24235

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

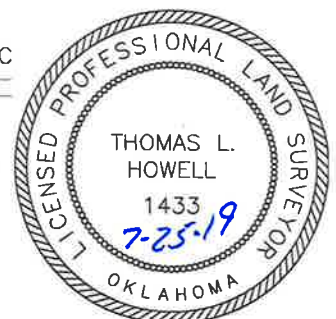
BLAINE

County, Oklahoma

175° FSL-539° FWL Section 1 Township 19N Range 11W I.M.

Operator: HUSKY VENTURES, LLCLease Name: CAPTAIN AMERICAWell No.: 1-1HTopography & Vegetation Location fell on Level PadGood Drill Site? Yes Reference Stakes or Alternate Location
Stakes Set NoneBest Accessibility to Location From South off county roadDistance & Direction
from Hwy Jct or Town From Okeene, Okla, go ±2 miles North on St. Hwy. 8, then ±1
mile West to the SW Cor. of Sec. 1-T19N-R11WRevision ☒ BDate of Drawing: July 25, 2019Project # 127848 Date Staked: June 27, 2019

LC

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.Oklahoma Lic. No. 1433

DATUM: NAD-27
LAT: 36°08'43.3"N
LONG: 98°19'58.4"W
LAT: 36.145367671° N
LONG: 98.332895442° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1901710
Y: 417093

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

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

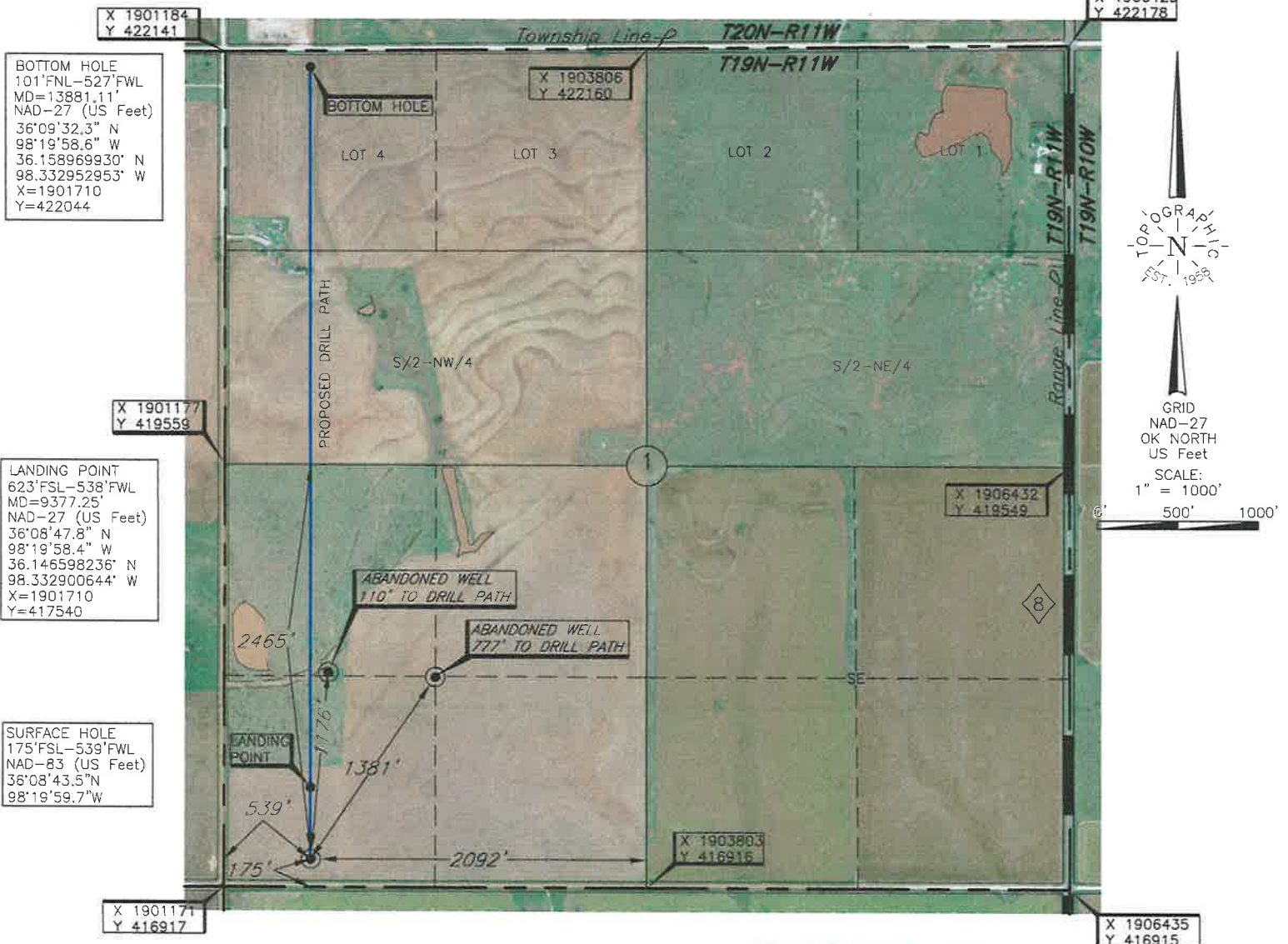
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BLAINE

County, Oklahoma

175'FSL-539'FWL Section 1 Township 19N Range 11W I.M.



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

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY.

ELEVATION:

1251' Gr. at Level Pad (NGVD29)
1251' Gr. at Level Pad (NAVD88)

Operator: HUSKY VENTURES, LLC

Lease Name: CAPTAIN AMERICA

Well No.: 1-1H

Topography & Vegetation Location fell on Level Pad

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, Okla, go ±2 miles North on St. Hwy. 8, then ±1
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Revision ☒ B

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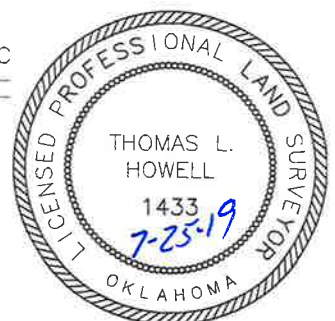
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CERTIFICATE:

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.

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COORDINATES: (US Feet)
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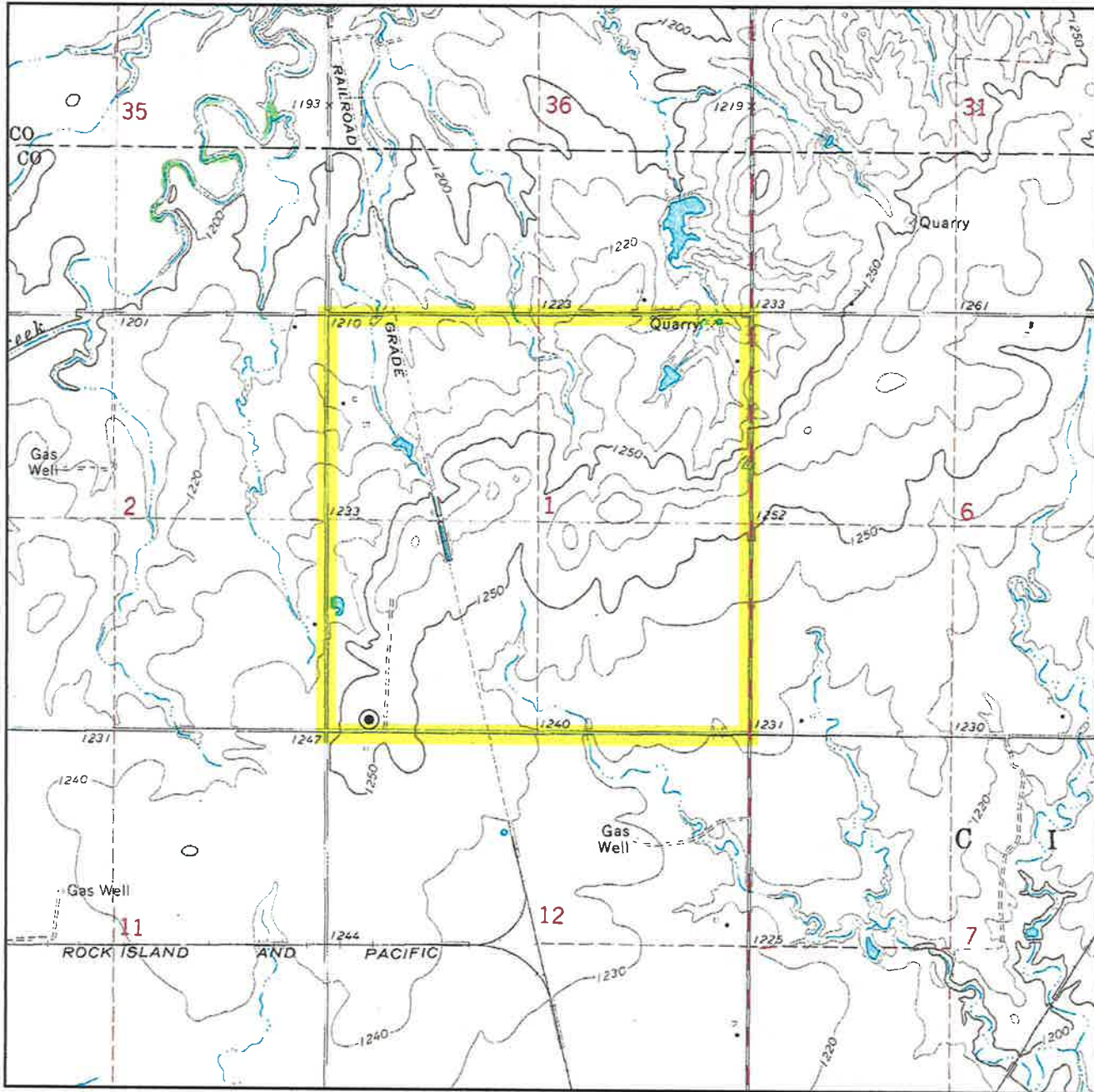
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 1 Twp. 19N Rng. 11W I.M.

County BLAINE State OK

Operator HUSKY VENTURES, LLC

Description 175' FSL-539' FWL

Lease CAPTAIN AMERICA 1-1H

Elevation 1251' Gr. at Level Pad (NGVD29)
1251' Gr. at Level Pad (NAVD88)

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

June 27, 2019

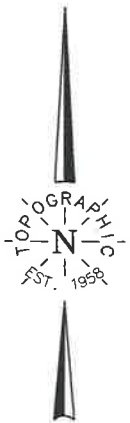
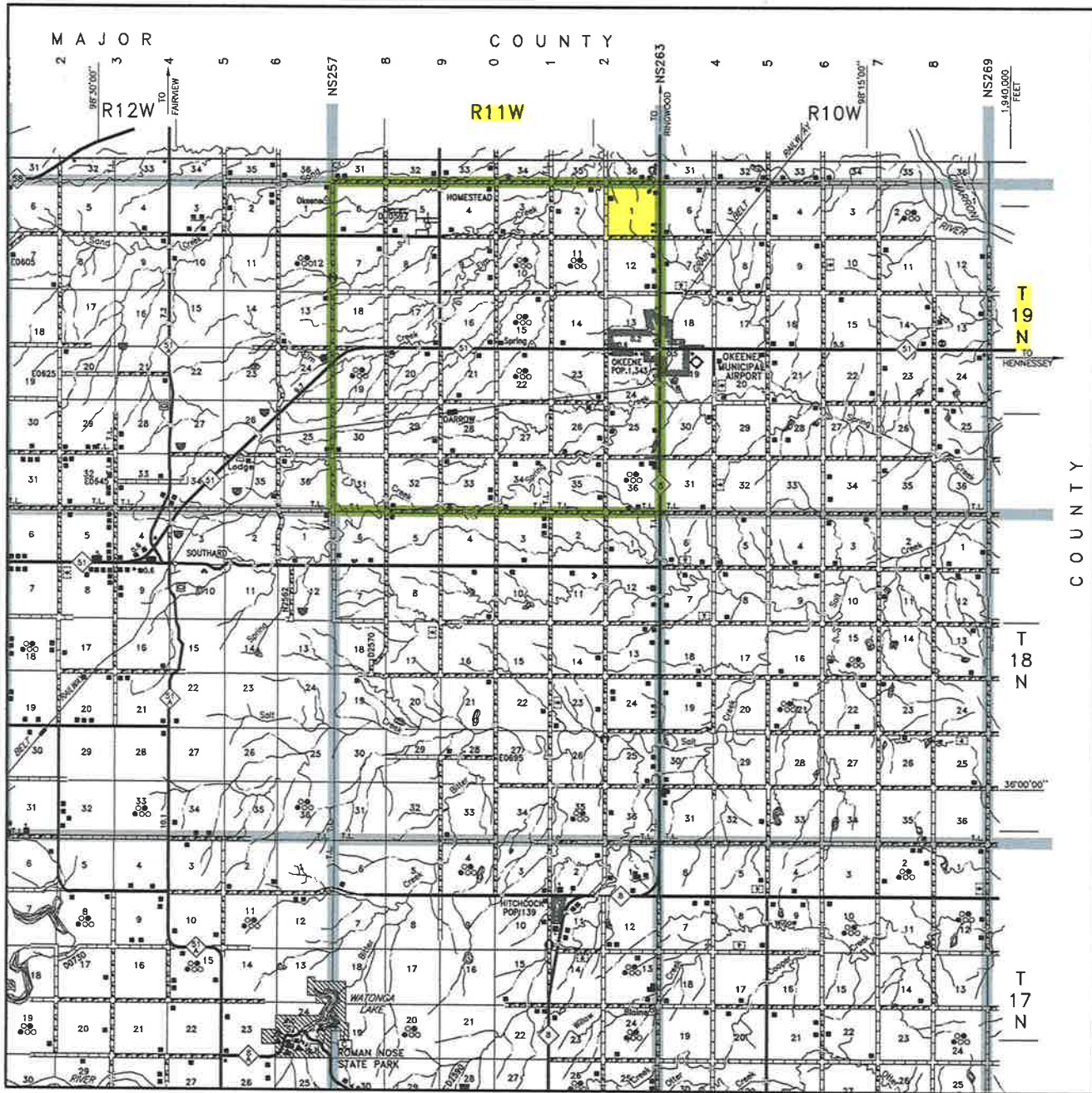
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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 1 Twp. 19N Rng. 11W I.M.

County BLAINE State OK

Operator HUSKY VENTURES, LLC



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

LAND SURVEYORS OF OKLAHOMA