

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

API NUMBER: 047 25204

Approval Date: 12/16/2019

Expiration Date: 06/16/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 20N Rge: 7W

County: GARFIELD

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 1575

Lease Name: GANON 8

Well No: 01H

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: STONE CREEK OPERATING LLC

Telephone: 4053954313

OTC/OCC Number: 24022 0

STONE CREEK OPERATING LLC
5728 NW 132ND ST
OKLAHOMA CITY, OK 73142-4430

DALE G MILACEK
13324 SOUTH GARLAND ROAD
WAUKOMIS OK 73773

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

| Name | Depth | Name | Depth |
|----------|-------|------|-------|
| 1 OSWEGO | 6550 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901266
201901268

Special Orders:

Total Depth: 11350 Ground Elevation: 1151

Surface Casing: 450

Depth to base of Treatable Water-Bearing FM: 320

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: SALT PLAINS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37146
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 18 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 08 Twp 20N Rge 7W County GARFIELD

Spot Location of End Point: C N2 N2 NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 6281

Radius of Turn: 553

Direction: 3

Total Length: 4100

Measured Total Depth: 11350

True Vertical Depth: 6550

End Point Location from Lease,

Unit, or Property Line: 330

Notes:

Category

Description

HYDRAULIC FRACTURING

12/10/2019 - 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

PENDING CD - 201901266

12/16/2019 - GC2 - (640)(HOR) 8-20N-7W
EST OSWG, OTHER
COMPL. INT. (OSWG) NLT 660' FB
(COEXIST EXISTING NON-HORIZONTAL SPACING UNITS)
REC. 12-3-2019 (HUBER)

PENDING CD - 201901268

12/16/2019 - GC2 - (I.O.) 8-20N-7W
X201901266 OSWG, OTHER
COMPL. INT. NCT 330' FSL, NCT 330' FNL, NCT 660' FEL
NO OP. NAMED
REC. 12-3-2019 (HUBER)

GARFIELD

County, Oklahoma

200'FSL - 1575'FEL Section 8 Township 20N Range 7W I.M.

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY



BOTTOM HOLE
330'FNL-1320'FEL
NAD-27 (US Feet)
36°13'52.8" N
97°57'54.5" W
36.231320409° N
97.965145129° W
X 2010281
Y 448214

PENETRATION POINT
330'FSL-1320'FEL
NAD-27 (US Feet)
36°13'07.0" N
97°57'54.5" W
36.218612669° N
97.965136592° W
X 2010285
Y 443589

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

Operator: STONE CREEK ENERGY, LLC

Lease Name: GANON

Well No.: 8-01H **ELEVATION:** 1151' Gr. at Stake

Topography & Vegetation Loc. fell in sloped cut muddy maize field, ±200' West of fence

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 Jct. St. Hwy. 132 N-S and Ames Road, go ±2.0 mi. South on St. Hwy. 132,
then ±4.0 mi. East to the SE Cor. of Sec. 8-T20N-R7W

DATUM: NAD-27
LAT: 36°13'05.8"N
LONG: 97°57'57.6"W
LAT: 36.218264345° N
LONG: 97.966003247° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2010029
Y: 443462

Date of Drawing: Mar. 15, 2019
Project # 124772 Date Staked: Mar. 13, 2019 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



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

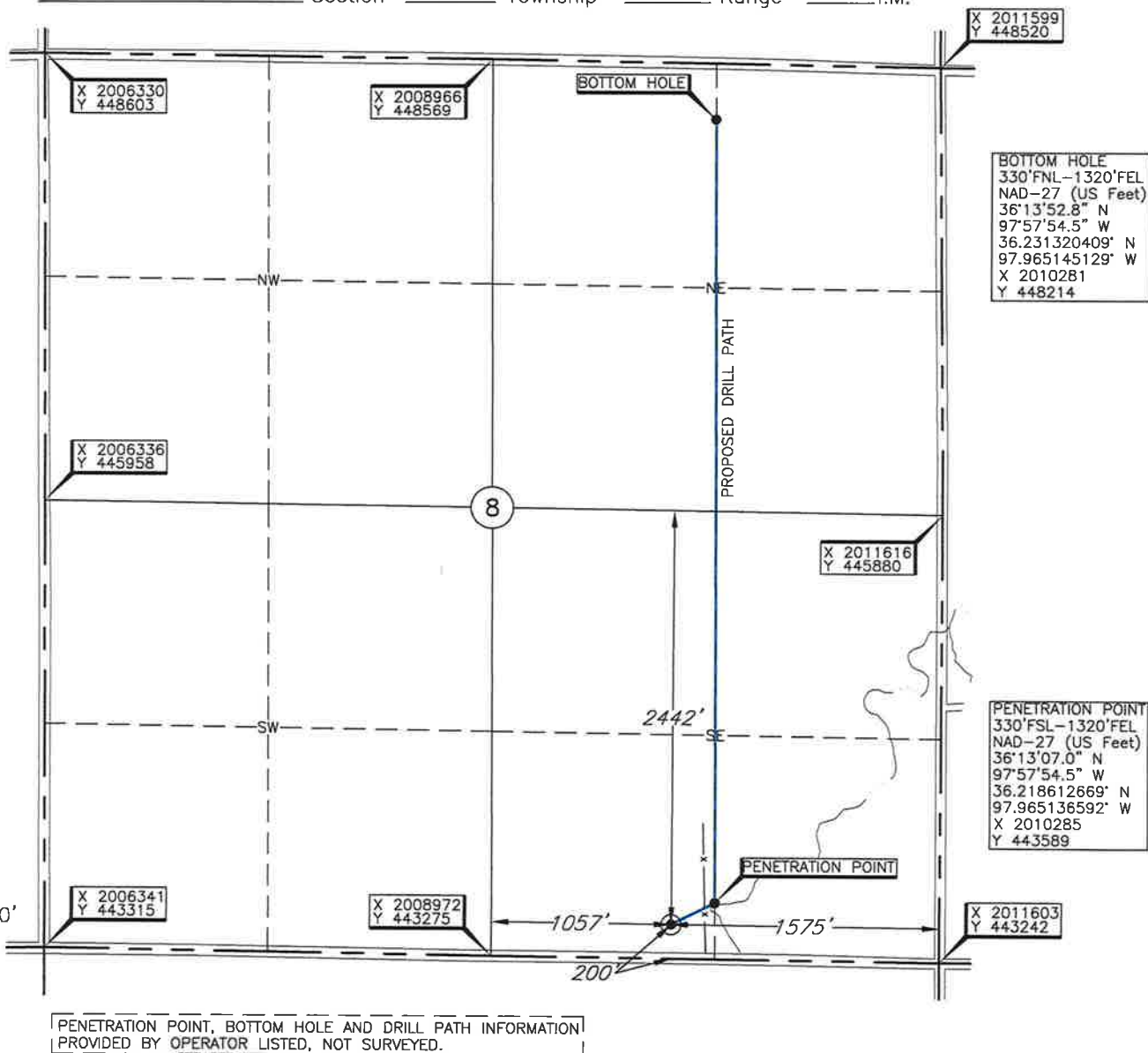
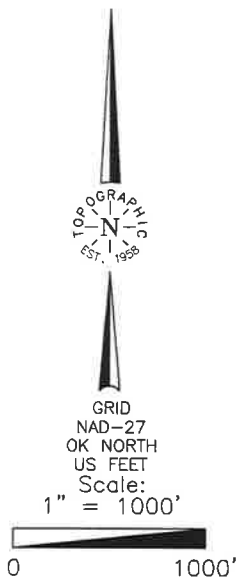
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

GARFIELD

County, Oklahoma

200'FSL - 1575'FEL Section 8 Township 20N Range 7W I.M.

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY



Operator: STONE CREEK ENERGY, LLC

Lease Name: GANON

Well No.: 8-01H

ELEVATION:

1151' Gr. at Stake

Topography & Vegetation Loc. fell in sloped cut muddy maize field, ±200' West of fence

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 Jct. St. Hwy. 132 N-S and Ames Road, go ±2.0 mi. South on St. Hwy. 132,
then ±4.0 mi. East to the SE Cor. of Sec. 8-T20N-R7W

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

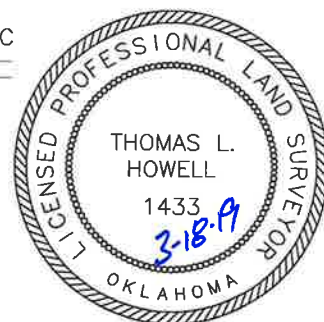
DATUM: NAD-27
LAT: 36°13'05.8"N
LONG: 97°57'57.6"W
LAT: 36.218264345° N
LONG: 97.966003247° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2010029
Y: 443462

Date of Drawing: Mar. 15, 2019
Project # 124772 Date Staked: Mar. 13, 2019 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

Oklahoma Lic. No. 1433



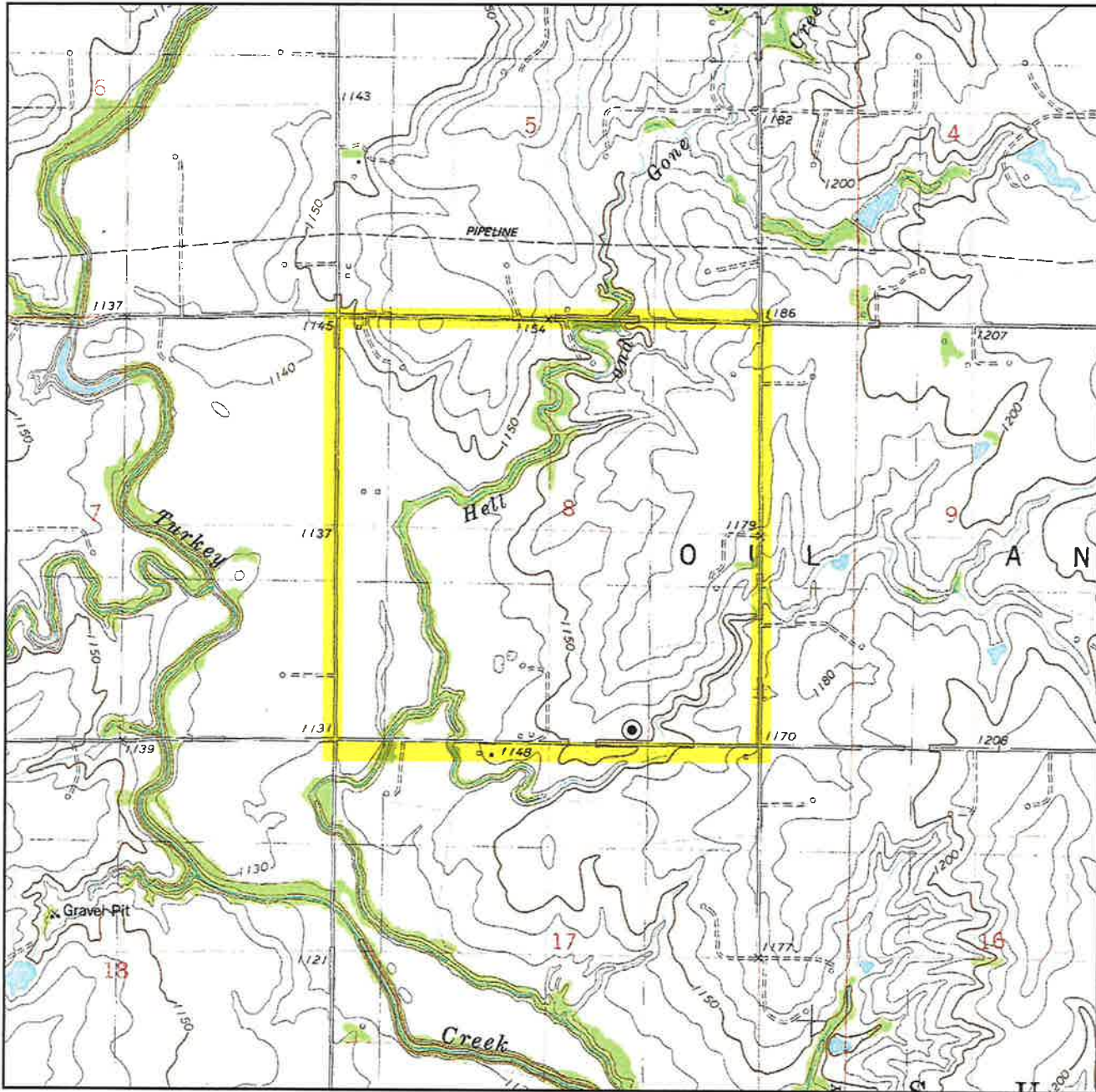
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 8 Twp. 20N Rng. 7W IM

County GARFIELD State OK

Operator STONE CREEK ENERGY, LLC

Description 200'FSL - 1575'FEL

Lease GANON 8-01H

Elevation 1151' 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.



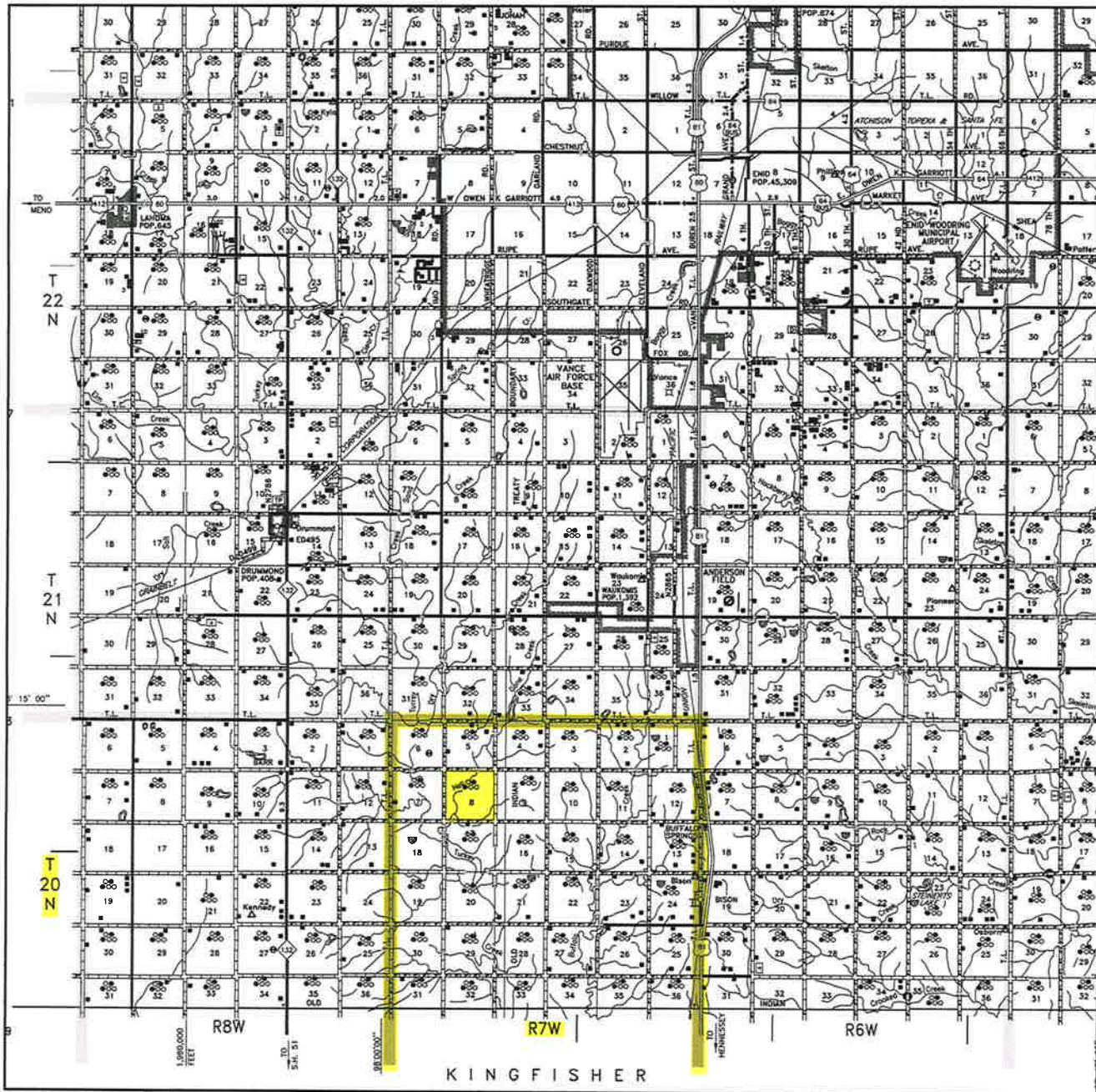
LAND SURVEYORS OF OKLAHOMA

Mar. 13, 2019

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

VICINITY MAP



Scale: 1" = 3 Miles

Sec. 8 Twp. 20N Rng. 7W IM

County GARFIELD State OK

Operator STONE CREEK ENERGY, LLC



LAND SURVEYORS OF OKLAHOMA