

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

Approval Date: 02/27/2018
Expiration Date: 08/27/2018

API NUMBER: 051 24288

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 10N Rge: 8W

County: GRADY

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 225

Lease Name: RICHARDSON

Well No: 1H-08

Well will be 225 feet from nearest unit or lease boundary.

Operator Name: TRAVIS PEAK RESOURCES LLC

Telephone: 5128140345

OTC/OCC Number: 23914 0

TRAVIS PEAK RESOURCES LLC
9020 N CAPITAL OF TEXAS HWY BLDG 1 STE 170
AUSTIN, TX 78759-7279

PHILLIP N & JANALEE C RICHARDSON
289 COUNTY STREET 2760
MINCO OK 73059

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

	Name	Depth	Name	Depth
1	WOODFORD	13117	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 560839

Location Exception Orders: 672220

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18400

Ground Elevation: 1420

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

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: 5000 Average: 3000

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: MARLOW

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

PERMIT NO: 18-33947

H. SEE MEMO

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: 200000

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: MARLOW

HORIZONTAL HOLE 1

Sec 08 Twp 10N Rge 8W County GRADY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 12634

Radius of Turn: 598

Direction: 5

Total Length: 4827

Measured Total Depth: 18400

True Vertical Depth: 13142

End Point Location from Lease,

Unit, or Property Line: 50

Notes:

Category

Description

COMPLETION INTERVAL

2/27/2018 - G58 - WILL NOT BE PERFORATED AT THE NORTH OR SOUTH LEASE LINES CLOSER THAN 150' PER OPERATOR

DEEP SURFACE CASING

2/15/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

2/15/2018 - 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

LOCATION EXCEPTION - 672220

2/26/2018 - G58 - (I.O.) 8-10N-8W
X560839 WDFD
SHL 670' FNL, 250' FWL OF 17-10N-8W
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FWL OF 8-10N-8W
TRAVIS PEAK RESOURCES, LLC
1/17/2018

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

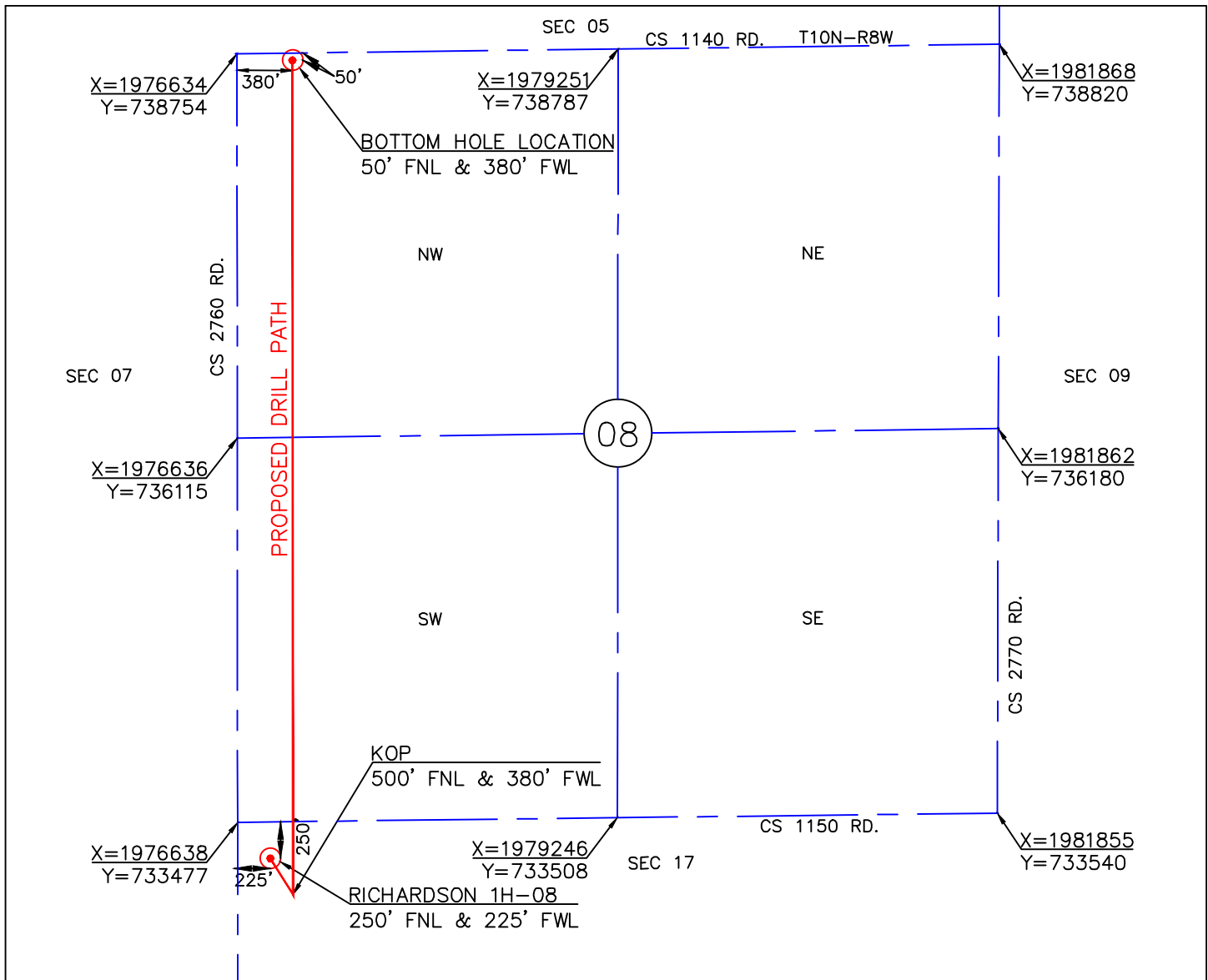
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

051 24288 RICHARDSON 1H-08

Category	Description
MEMO	2/15/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 560839	2/26/2018 - G58 - (560) 8-10N-8W EST WDFD, OTHERS

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NOTES

1. This plat is not to be relied upon as a boundary survey.
2. Information on this plat was gathered using GPS data having sub-meter accuracy.

KICK-OFF POINT
 DATUM:NAD-27 (US FEET)
 LAT: 35°20'50.6"
 LONG: 98°04'37.4"
 LAT: 35.3474011
 LONG: 98.0770559
 X: 1977018
 Y: 732981

BOTTOM HOLE LOCATION
 DATUM:NAD-27 (US FEET)
 LAT: 35°21'47.3"
 LONG: 98°04'37.5"
 LAT: 35.3631366
 LONG: 98.0770845
 X: 1977014
 Y: 738709
 BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR
 AND WAS NOT SURVEYED IN THE FIELD

OPERATOR: TRAVIS PEAK RESOURCES

WELL: RICHARDSON 1H-08-17

ELEVATION: 1420'

TOPOGRAPHY & VEGETATION: LOCATION FELL IN OPEN PLOWED FIELD

LOCATION ACCESSIBILITY: FROM WEST OFF COUNTY ROAD

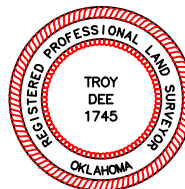
DIRECTIONS FROM TOWN, JCT, OR HWY:

FROM THE JUNCTION OF HWY #152 & HWY 37., GO 3 MILES EAST
 AND 1 MILE NORTH TO THE NORTHWEST CORNER OF SECTION 17

*NO ALTERNATE LOCATION OR REFERENCE STAKES SET

CERTIFICATE

I, TROY DEE, AN OKLAHOMA LICENSED SURVEYOR
 DO HEREBY CERTIFY THAT THE ABOVE DESCRIBED
 WELL LOCATION WAS SURVEYED AND STAKED ON
 THE GROUND AS SHOWN HEREON.



Troy Dee

OKLAHOMA LICENSE NO. 1745

Golden Land Surveying

920 N.W. 139th St. Pkwy, Oklahoma City, Oklahoma 73013
 Telephone: (405) 802-7883
 C.A. #7263 Exp. Date: 6/30/2018
 troy@goldenland.com

DRAWING DATE:
12.29.17

DATUM:NAD-27
LAT: 35°20'53.1"

STATE PLANE
COORDINATES
ZONE: OK SOUTH
X: 1976863
Y: 733229



DATE STAKED:
12.29.17

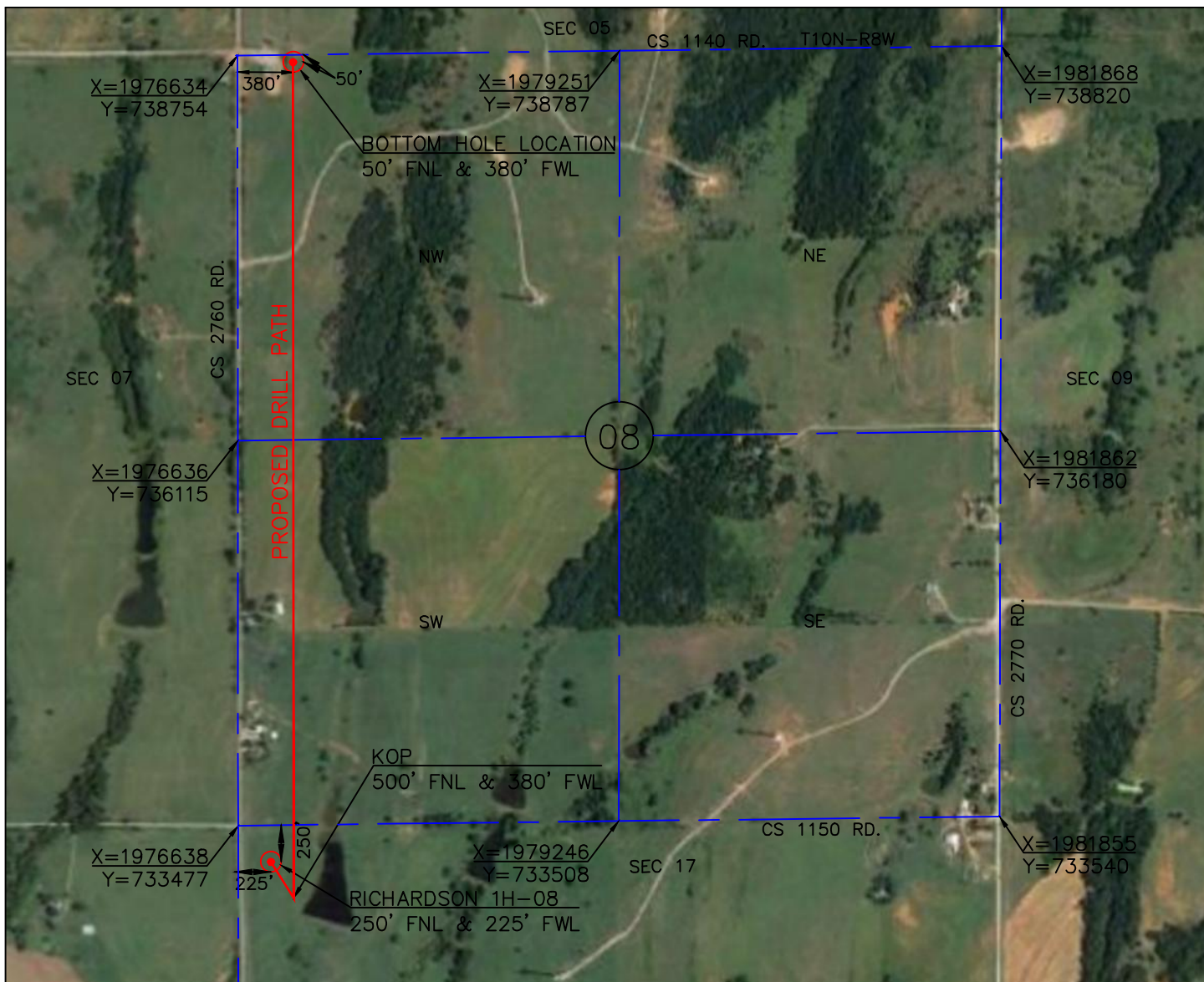
LONG: 98°04'39.3"
LAT: 35.3480825

JOB #
TR171040

LONG: 98.0775777

WELL NAME: RICHARDSON 1H-08

GRADY COUNTY, OKLAHOMA
 250' FNL-225' FWL SECTION 17
 TOWNSHIP 10 NORTH, RANGE 8 WEST I.M.



SCALE
1"=1000'

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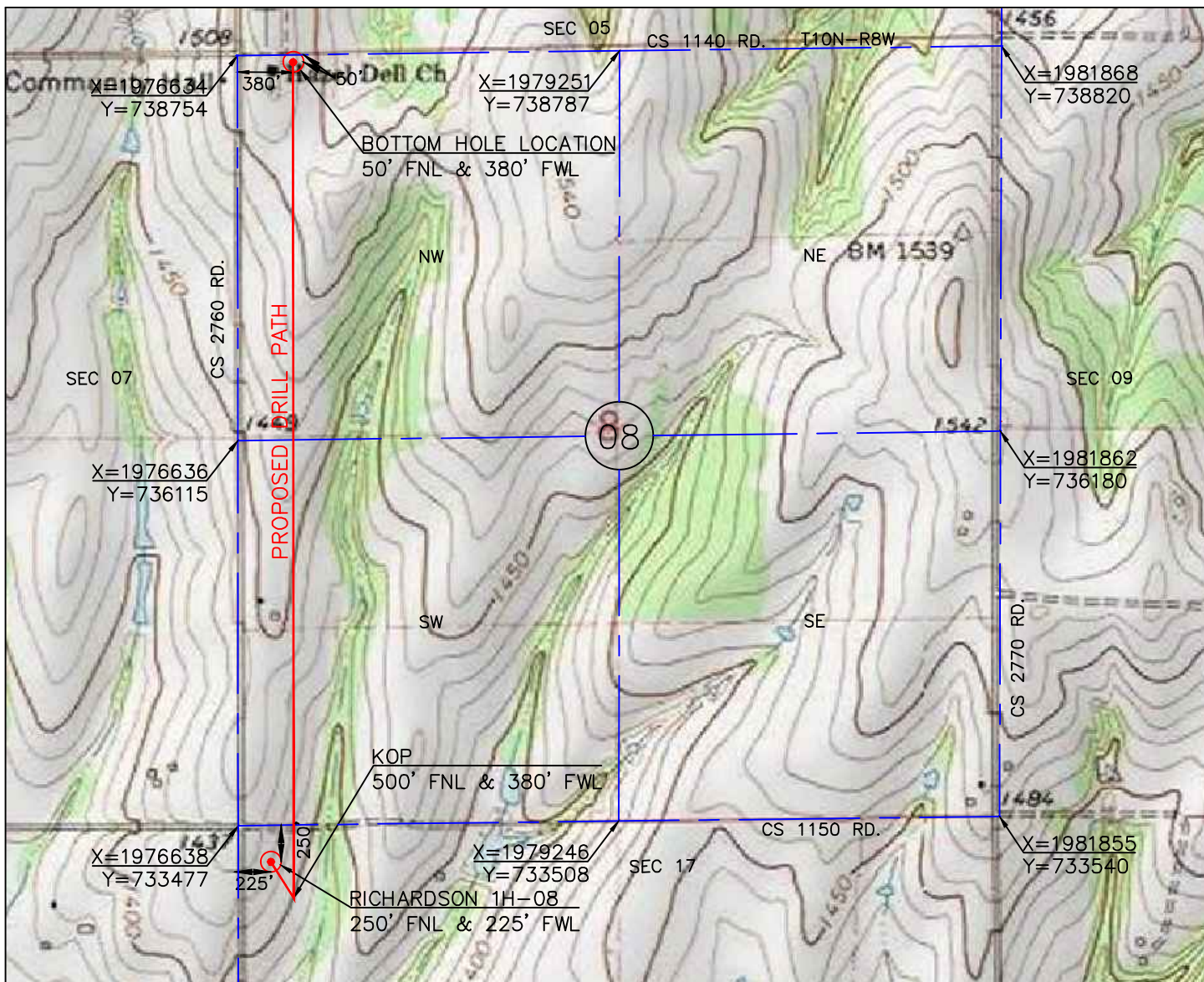
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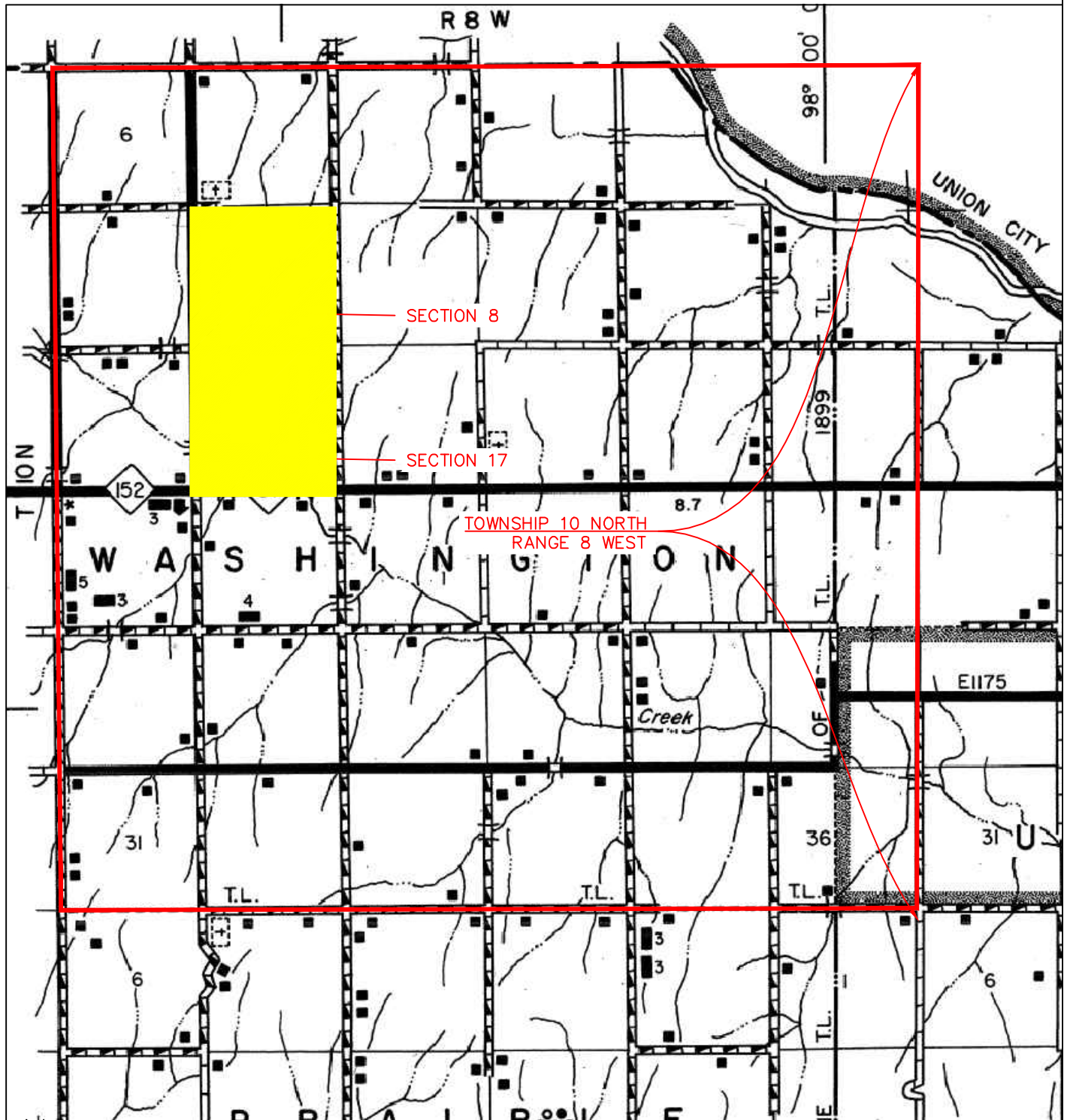
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VICINITY MAP



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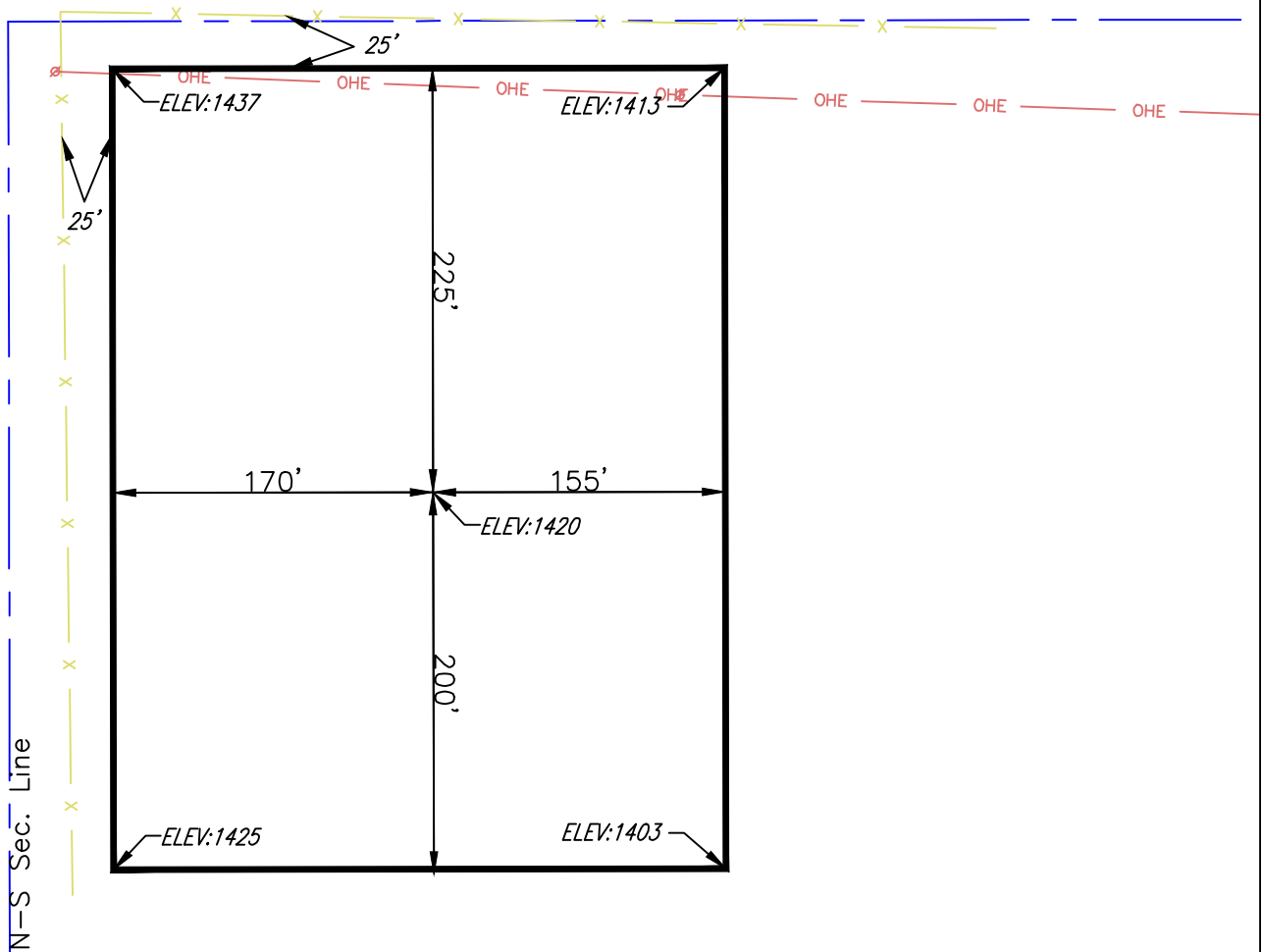
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PAD PLAT



RICHARDSON 1H-08 PROPOSED
PAD AREA IN THE
NW/4 OF SECTION 17 T10N-R8W,
GRADY COUNTY, OKLAHOMA



TOTAL ACREAGE WITHIN
PAD CONSTRUCTION IS
3.21 ACRES

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