

API NUMBER: 087 22309

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

Approval Date: 04/20/2021  
Expiration Date: 10/20/2022

Directional Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 28 Township: 7N Range: 3W County: MCCLAIN

SPOT LOCATION: ☐ N2 ☐ NE ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 240 990

Lease Name: WEST WASHINGTON Well No: 1 Well will be 240 feet from nearest unit or lease boundary.  
Operator Name: ENCORE OPERATING INC Telephone: 7862572753 OTC/OCC Number: 24271 0

ENCORE OPERATING INC  
3500 S BOULEVARD ST STE 10B  
EDMOND, OK 73013-5417

GRED DOWDLE AND ELIZABETH J DOWDLE  
18512 240TH STREET  
WASHINGTON OK 73093

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

	Name	Code	Depth
1	HART	404HART	8260
2	OSBORN	404OSBR	9114
3	HUNTON	269HNTN	9831
4	VIOLA	202VIOL	10406
5	BROMIDE	202BRMD	10846

	Name	Code	Depth
6	TULIP CREEK	202TPCK	11131
7	MCLISH	202MCLS	11200
8	OIL CREEK SD	202OCSD	11700

Spacing Orders: 121652

Location Exception Orders: 712211

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 11846

Ground Elevation: 1175

**Surface Casing: 170**

Depth to base of Treatable Water-Bearing FM: 120

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

**Approved Method for disposal of Drilling Fluids:**

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

PERMIT NO: 20-37266

**PIT 1 INFORMATION**

Type of Pit System: ON SITE  
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: 2

Liner not required for Category: 2

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

**DIRECTIONAL HOLE 1**

Section: 21 Township: 7N Range: 3W Meridian: IM  
County: MCCLAIN

Measured Total Depth: 11846

Spot Location of End Point: N2 SE SW SW

True Vertical Depth: 11800

Feet From: SOUTH 1/4 Section Line: 340

End Point Location from  
Lease, Unit, or Property Line: 340

Feet From: WEST 1/4 Section Line: 990

**NOTES:**

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.

Category	Description
HYDRAULIC FRACTURING	<p>[4/8/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
LOCATION EXCEPTION - 712211 (202000374)	<p>[4/19/2021 - GB6] - (I.O.) W2 SW4 21-7N-3W  X121652 HART, OSBR, HNTN, VIOL, BRMD, TPCK, MCLS, OCSD  SHL NCT 240' FNL, NCT 990' FWL 28-7N-3W  POE (HART, OSBR, HNTN, VIOL, BRMD, TPCK, MCLS, OCSD) NCT 330' FSL, NCT 330' FEL W2 SW4 21-7N-3W  EXIT (HART, OSBR, HNTN, VIOL, BRMD, TPCK, MCLS, OCSD) NCT 330' FSL, NCT 330' FEL W2 SW4 21-7N-3W  BHL NCT 330' FSL, NCT 330' FEL W2 SW4 21-7N-3W  ENCORE OPERATING, INC.  06/11/2020</p>
SPACING - 121652	<p>[4/19/2021 - GB6] - (80) W2 21-7N-3W SU NW/SE  VAC 74760 BRMD, TPCKM VIOL, MCLS, OCSD, HART, OSBR, HNTN W2 21-7N-3W  EXT 54219/108583 OSBR  EST HART, HNTN, VIOL, BRMD, TPCK, MCLS, OCSD, OTHER</p>

# TOPOGRAPHIC LAND SURVEYORS

13800 Wireless Way, Okla. City, OK 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1292 LS

MCCLAIN

240' FNL - 990' FWL SECTION 28 TOWNSHIP 7N RANGE 3W I.M. COUNTY, OKLAHOMA



GRID  
OK SOUTH  
US FEET

SCALE: 1" = 1000'

0 500' 1000'

## SURFACE LOCATION

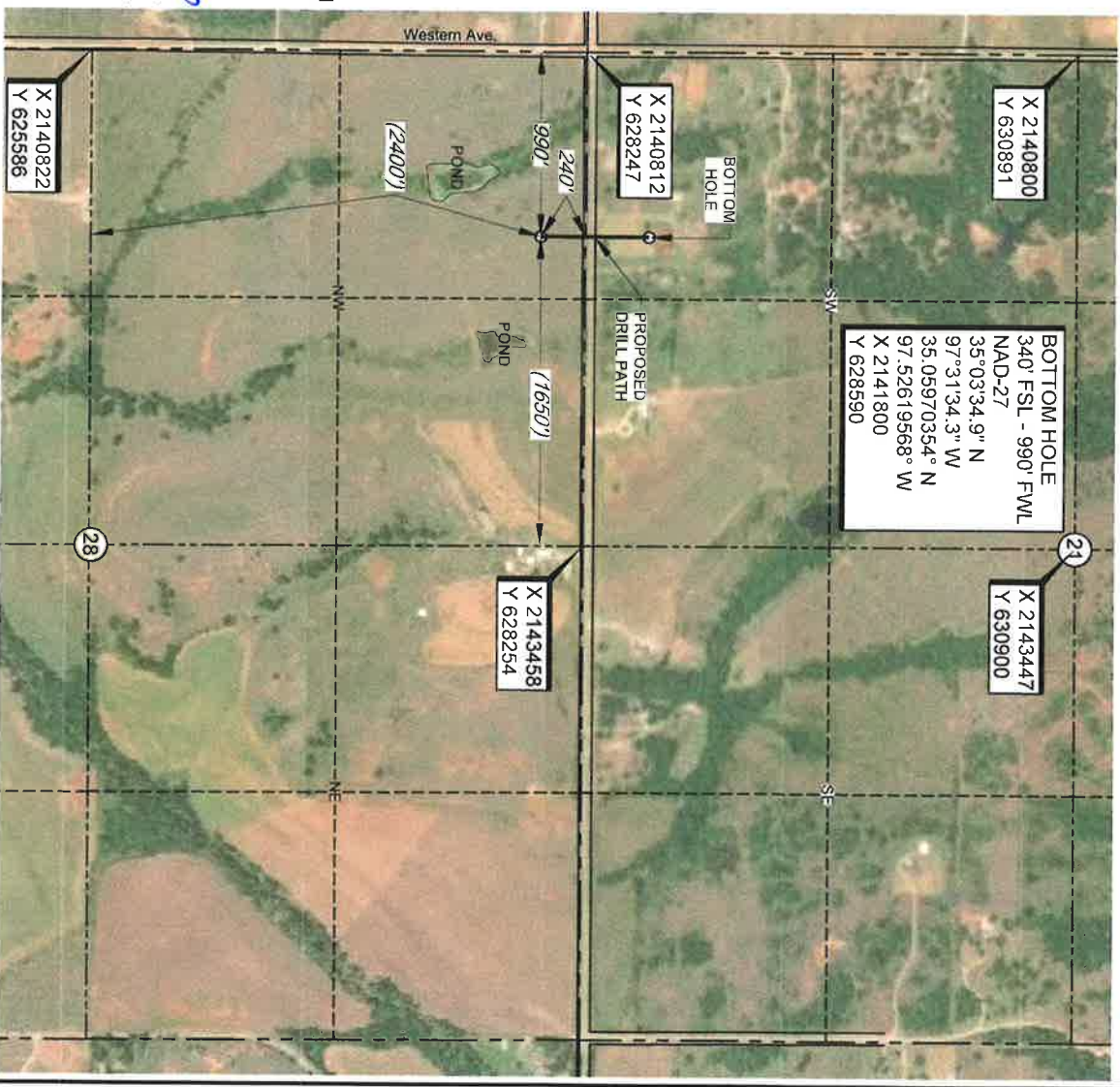
DATUM: NAD-27  
LAT: 35°03'29.2" N  
LONG: 97°31'34.3" W  
LAT: 35.05810985° N  
LONG: 97.52619670° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2141803  
Y: 628010

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

## CERTIFICATE:

I, Thomas L. Howell an  
Oklahoma Licensed Land Surveyor and  
an authorized agent of Topographic  
Land Surveyors, do hereby certify to  
the information shown herein.

Oklahoma Reg. No. 1433



## NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
- BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED. NOT SURVEYED.
- DISTANCES SHOWN IN (PARENTHESES) ARE CALCULATED BASED UPON THE QUARTER SECTION BEING 2640 FEET. THOSE SHOWN IN [BRACKETS] ARE BASED ON GLO (GENERAL LAND OFFICE) DISTANCES AND HAVE NOT BEEN MEASURED ON THE GROUND.

OPERATOR: ENCORE OPERATING, INC

LEASE NAME: WEST WASHINGTON WELL NO: #1

TOPOGRAPHY & VEGETATION: Location fell in open pasture, small rolling hill.

GOOD DRILL SITE? Yes REFERENCE STAKES OR ALTERNATE LOCATION  
STAKES SET: None

BEST ACCESSIBILITY TO LOCATION: From North off county road.

DISTANCE & DIRECTION: From Jct. of St. Hwy. 24 North & East Morehead Ave. in Washington, OK, go ±3.0  
mi. West on East Morehead Ave./240th St. to the NW Cor. of Sec. 28-T7N-R3W.

ELEVATION:  
1175' Gr. at STK. (NGVD29)

PROJECT # 132907

DATE OF DRAWING: JANUARY 29, 2020

DATE STAKED: JANUARY 24, 2020

DRAWN BY: EAH

REVISION: 0

FILE NAME: LO WEST WASHINGTON 1

# TOPOGRAPHIC LAND SURVEYORS

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MCCLAIN

COUNTY, OKLAHOMA

240' FNL - 990' FWL SECTION 28 TOWNSHIP 7N RANGE 3W 1.M.



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US FEET

SCALE: 1" = 100'

0' 500' 1000'

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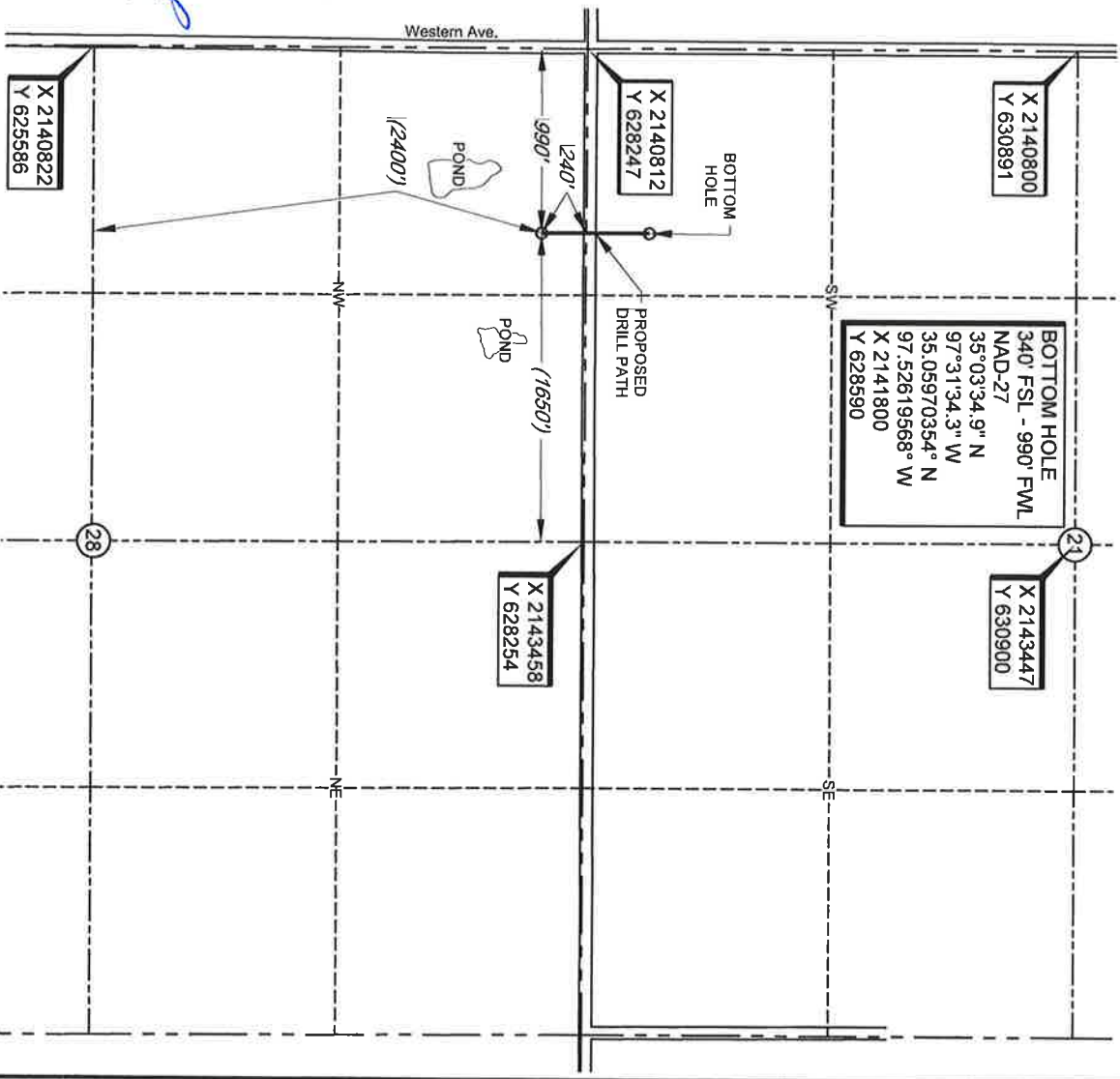
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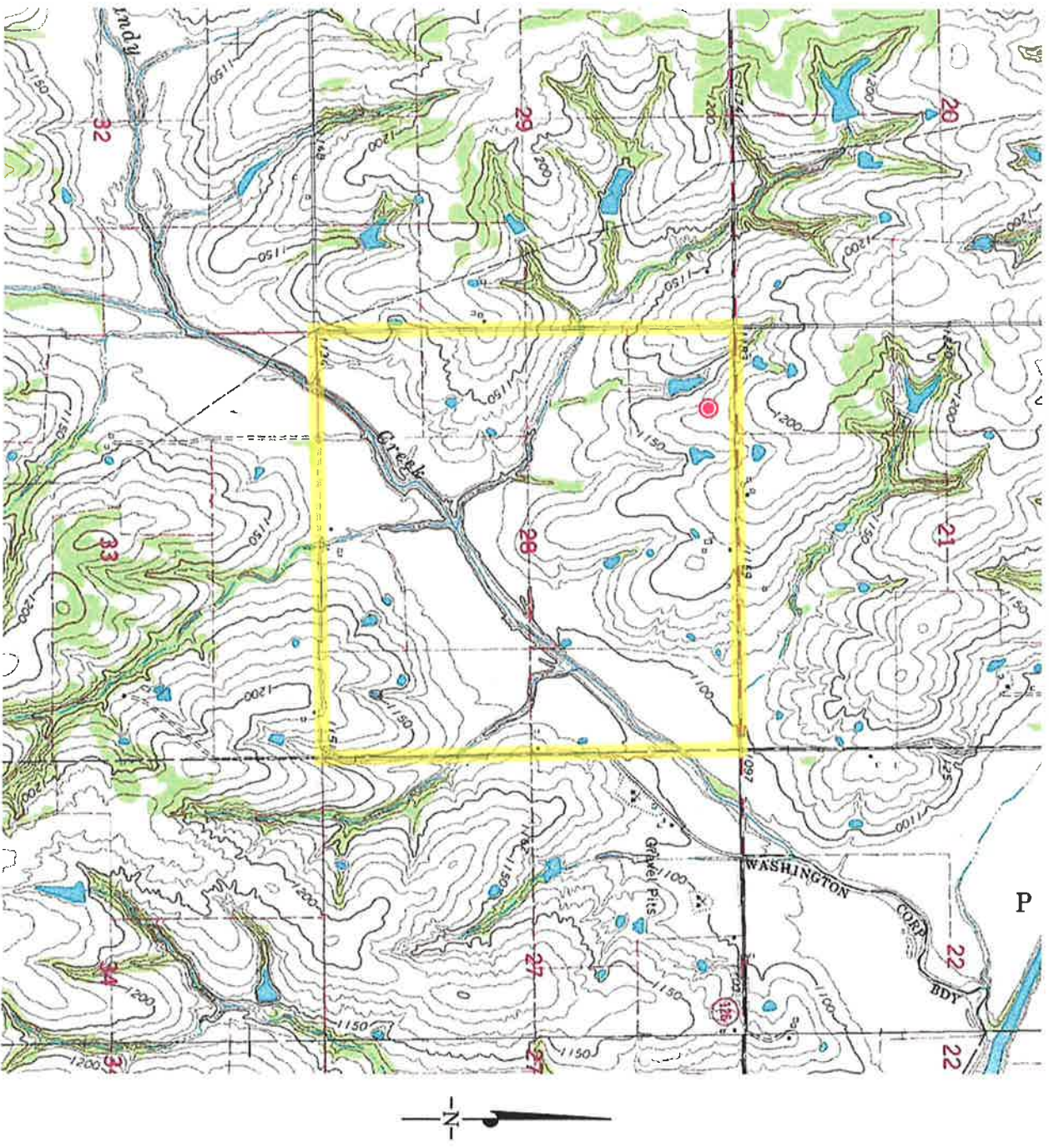
DRAWN BY: EAH

REVISION: 0

FILE NAME: LO WEST WASHINGTON 1



LOCATION & VERIFICATION MAP



SECTION 28 TOWNSHIP 7N RANGE 3W I.M.  
COUNTY MCCLAIN STATE OKLAHOMA  
OPERATOR ENCORE OPERATING, INC  
DESCRIPTION 240' FNL - 990' FWL  
LEASE WEST WASHINGTON #1  
ELEVATION 1175' Gr. at STK. (NGVD29)

Above Background Data from  
U.S.G.S. Topographic Map  
Scale 1"=2000'

Contour Interval 10'

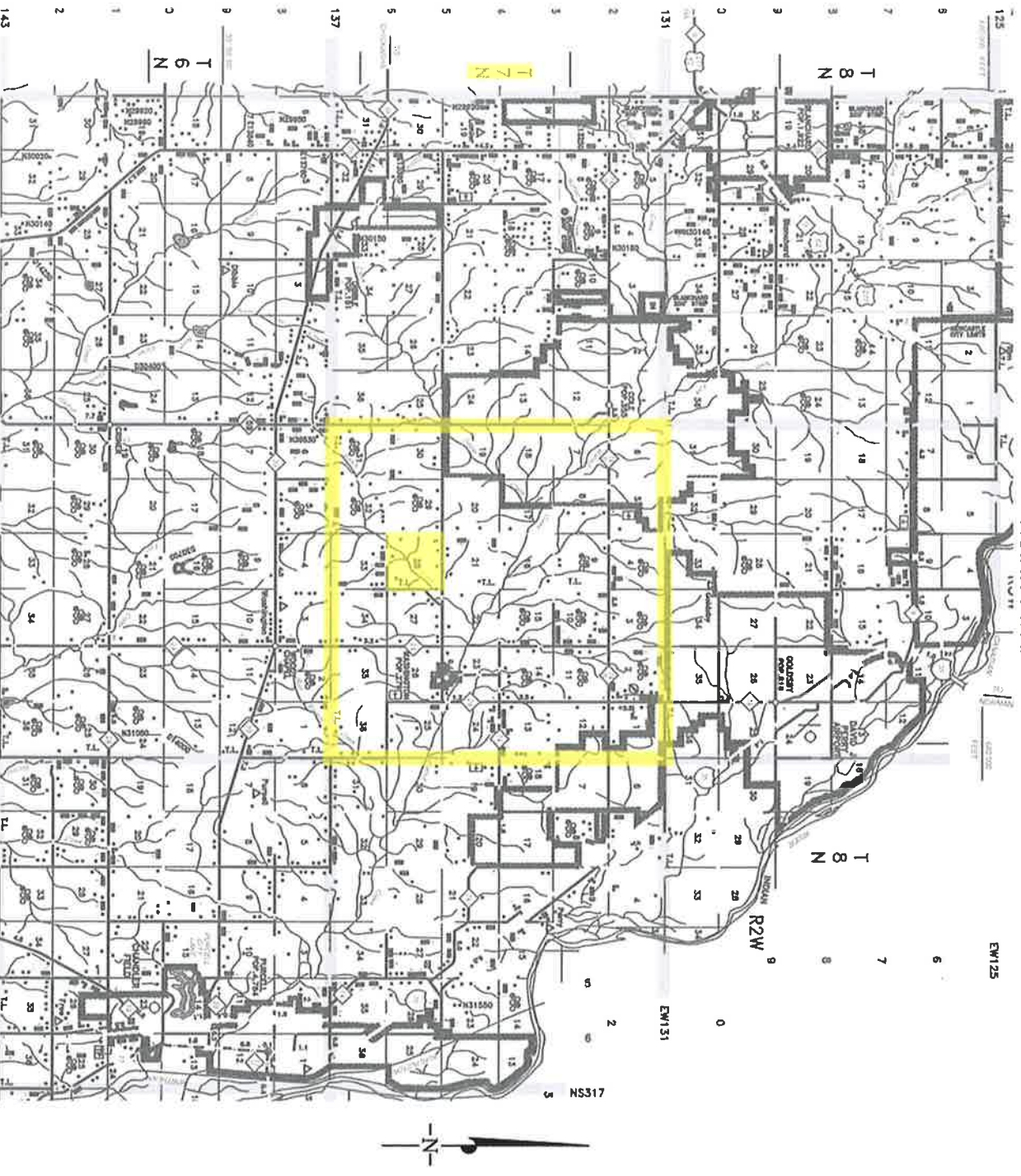
When elevation is shown hereon it is the ground  
elevation of the location stake.  
Review this plat and inform us of  
any possible discrepancy.



13800 WIRELESS WAY OKLAHOMA CITY, OKLAHOMA 73134  
TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX (817) 744-7564  
WWW.TOPOGRAPHIC.COM  
CERTIFICATE OF AUTHORIZATION NO. 1292 LS



VICINITY MAP



Scale 1" = 3 Miles

SECTION 28 TOWNSHIP 7N RANGE 3W 1.M.  
COUNTY MCCLAIN STATE OKLAHOMA  
OPERATOR ENCORE OPERATING, INC



LOYALTY INNOVATION LEGACY  
13800 WIRELESS WAY OKLAHOMA CITY, OKLAHOMA 73134  
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