

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

API NUMBER: 049 25211

Approval Date: 07/20/2018
Expiration Date: 01/20/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 3N Rge: 3W County: GARVIN
SPOT LOCATION: NW SE SW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 2259 1750

Lease Name: NATURE BOY Well No: 1-28-21WXH Well will be 1750 feet from nearest unit or lease boundary.
Operator Name: CASILLAS OPERATING LLC Telephone: 9185825310 OTC/OCC Number: 23838 0

CASILLAS OPERATING LLC
401 S BOSTON AVE STE 2400
TULSA, OK 74103-4060

KELLY HART, MADALA FARMS, LLC
1505 NW 186TH STREET
EDMOND OK 73012

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

Name	Depth	Name	Depth
1 WOODFORD	9167	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing Location Exception Orders: Increased Density Orders: 201802365

Pending CD Numbers: 201800843
201708209
201801679
201801680

Special Orders:

Total Depth: 16500 Ground Elevation: 1202 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 290

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

PIT 1 INFORMATION

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: DUNCAN

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-34843

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: DUNCAN

HORIZONTAL HOLE 1

Sec 21 Twp 3N Rge 3W County GARVIN

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2640

Depth of Deviation: 8610

Radius of Turn: 385

Direction: 350

Total Length: 7286

Measured Total Depth: 16500

True Vertical Depth: 10000

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

7/17/2018 - 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

7/17/2018 - 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

MEMO

7/17/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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049 25211 NATURE BOY 1-28-21WXH

Category	Description
PENDING CD - 201708209	7/20/2018 - G58 - (640)(HOR) 28-3N-3W EXT 606545 WDFD COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 273169 WDFD E2 28**; SP. ORDER 343901 WDFD SW4 28; SP. ORDER 350758 WDFD NW4 33-3N-3W; SP. ORDER 381969 SE4 33-3N-3W) REC 5/9/2018 (DUNN) **SHOULD ALSO COEXIST THE NE4 33 WHICH IS SPACED BY THIS ORDER, SHOULD COEXIST SP. ORDER 386235 NW4 28; AMENDED TO BE ADDED AT HEARING PER ATTORNEY FOR OP
PENDING CD - 201800843	7/20/2018 - G58 - (640)(HOR) 21-3N-3W EXT 655157 WDFD, OTHERS COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 386235 SW4 21, SP. ORDER 377263 SE4 21) REC 5/9/2018 (DUNN)
PENDING CD - 201801679	7/20/2018 - G58 - (I.O.) 21 & 28-3N-3W EST MULTIUNIT HORIZONTAL WELL X201800843 WDFD 21-3N-3W X201708209 WDFD 28-3N-3W 65% 21-3N-3W 35% 28-3N-3W NO OP. NAMED REC 6/27/2018 (JOHNSON)
PENDING CD - 201801680	7/20/2018 - G58 - (I.O.) 21 & 28-3N-3W X201800843 WDFD 21-3N-3W X201708209 WDFD 28-3N-3W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELL COMPL. INT. (28-3N-3W) NCT 1320' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. (21-3N-3W) NCT 0' FSL, NCT 165' FNL, NCT 660' FEL NO OP. NAMED REC 6/27/2018 (JOHNSON)
PENDING CD - 201802365	7/20/2018 - G58 - 28-3N-3W X201708209 WDFD 1 WELL NO OP. NAMED REC 6/27/2018 (JOHNSON)

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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

049-25211

GARVIN County, Oklahoma

2259'FNL-1750'FEL Section 28 Township 3N Range 3W I.M.



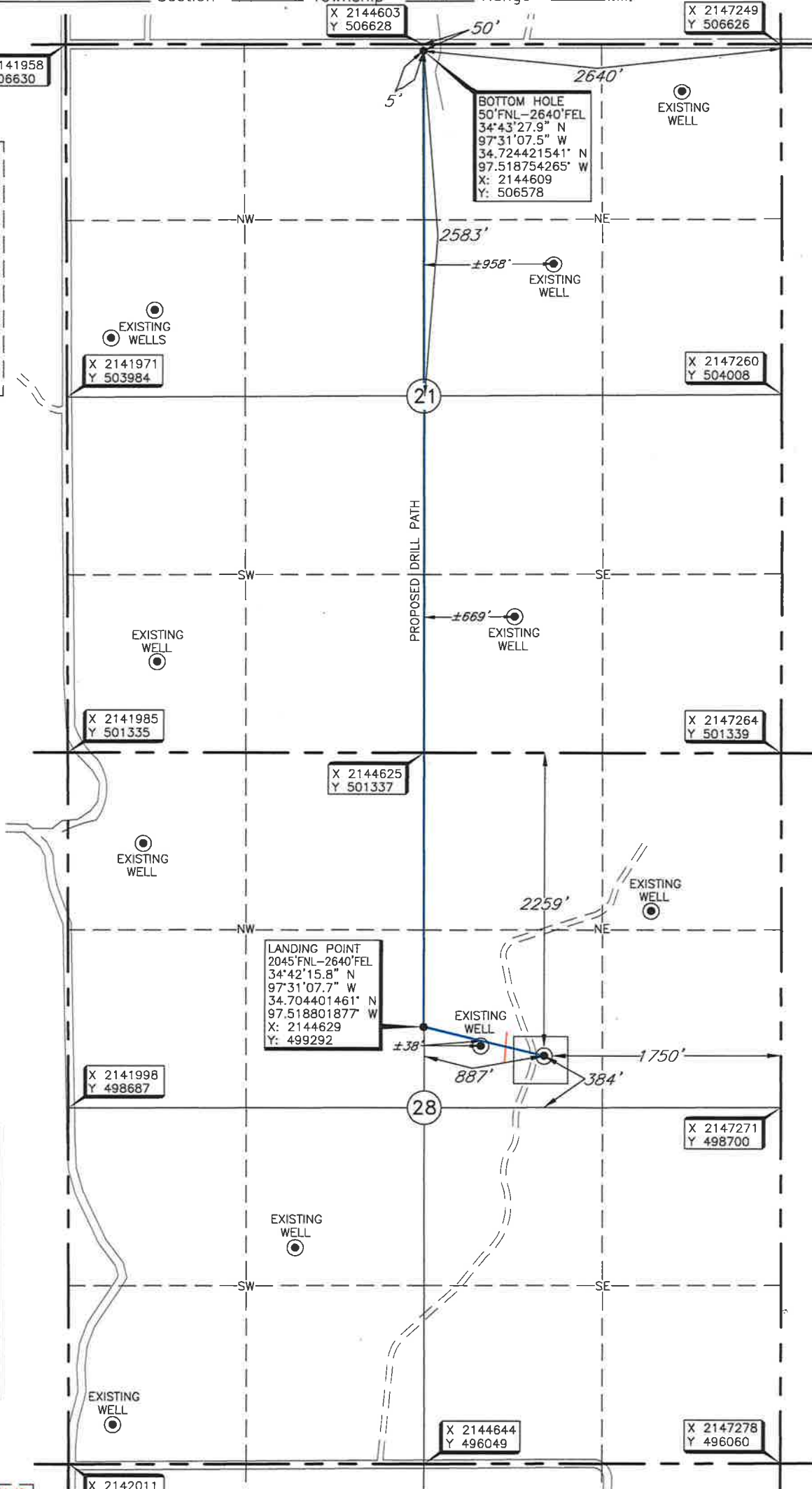
BOTTOM HOLE, LANDING POINT, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Operator: CASILLAS OPERATING, LLC
Lease Name: NATURE BOY
Well No.: 1-28-21WXH
ELEVATION: 1202' Gr. at Stake

Topography & Vegetation Location fell on level pad under construction, ±290' east of N-S pipeline.

Good Drill Site? Yes No
Best Accessibility to Location From existing N-S lease road. Yes No
Distance & Direction from Hwy Jct or Town From Lindsay, OK., go ±5.5 miles south on St. Hwy. 76, then go ±0.7 miles east, then go ±3.5 miles southeast then ±0.5 miles east, then ±0.5 miles south, then ±1.5 miles east, ±1.0 miles south, then ±0.5 miles east to lease road. then north to location in the Northeast Quarter of Section 28, T3N-R3W.

Reference Stakes or Alternate Location
Stakes Set None



LANDING POINT
2045'FNL-2640'FEL
34°42'15.8" N
97°31'07.7" W
34.704401461' N
97.518801877' W
X: 2144629
Y: 499292

BOTTOM HOLE
50'FNL-2640'FEL
34°43'27.9" N
97°31'07.5" W
34.724421541' N
97.518754265' W
X: 2144609
Y: 506578

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DATUM: NAD-27
LAT: 34°42'13.7"N
LONG: 97°30'57.0"W
LAT: 34.703803302°N
LONG: 97.515841879°W
STATE PLANE COORDINATES (US FEET):
ZONE: OK SOUTH
X: 2145520
Y: 499079

Date of Drawing: July 3, 2018
Invoice # 297956 Date Staked: July 3, 2018 JGW/TR

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

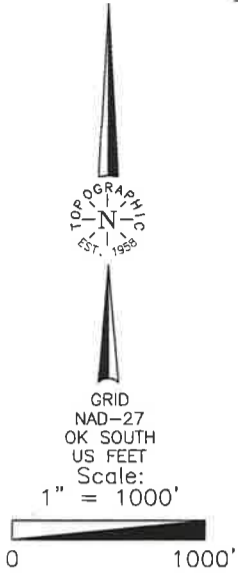


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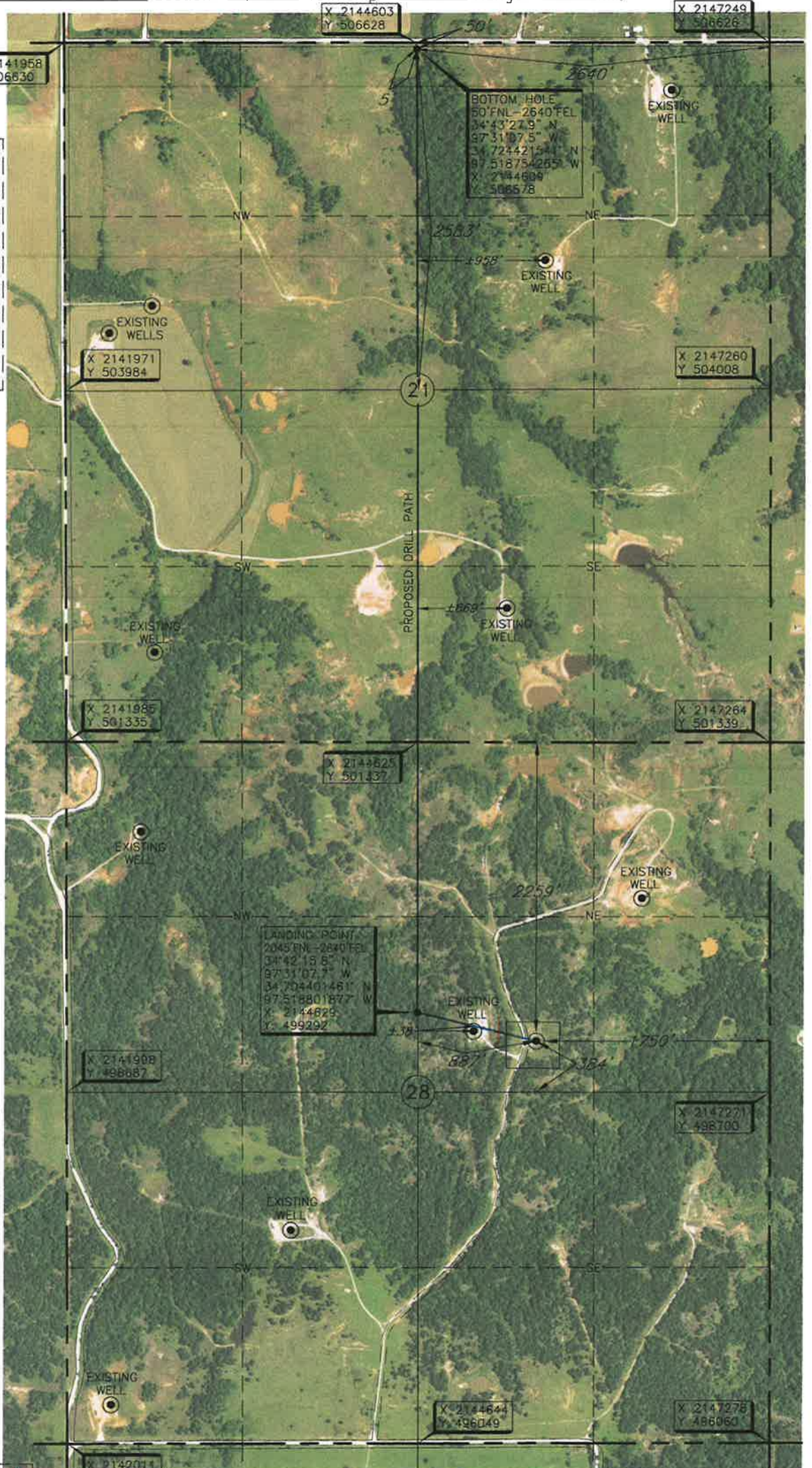
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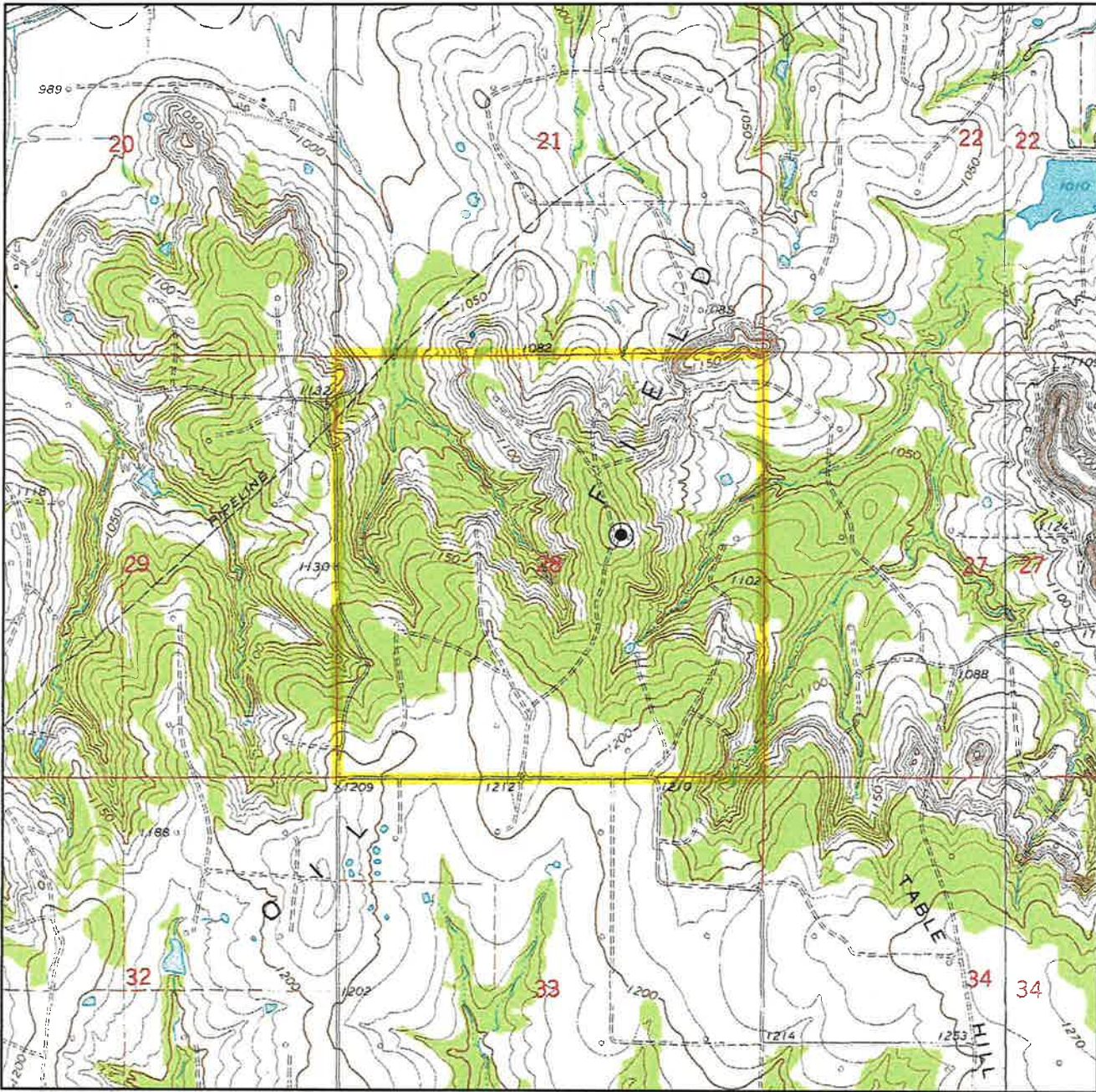
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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 28 Twp. 3N Rng. 3W I.M.

County GARVIN State OK

Operator CASILLAS OPERATING, LLC

Description 2259'FNL-1750'FEL

Lease NATURE BOY 1-28-21 WXH

Elevation 1202' 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.



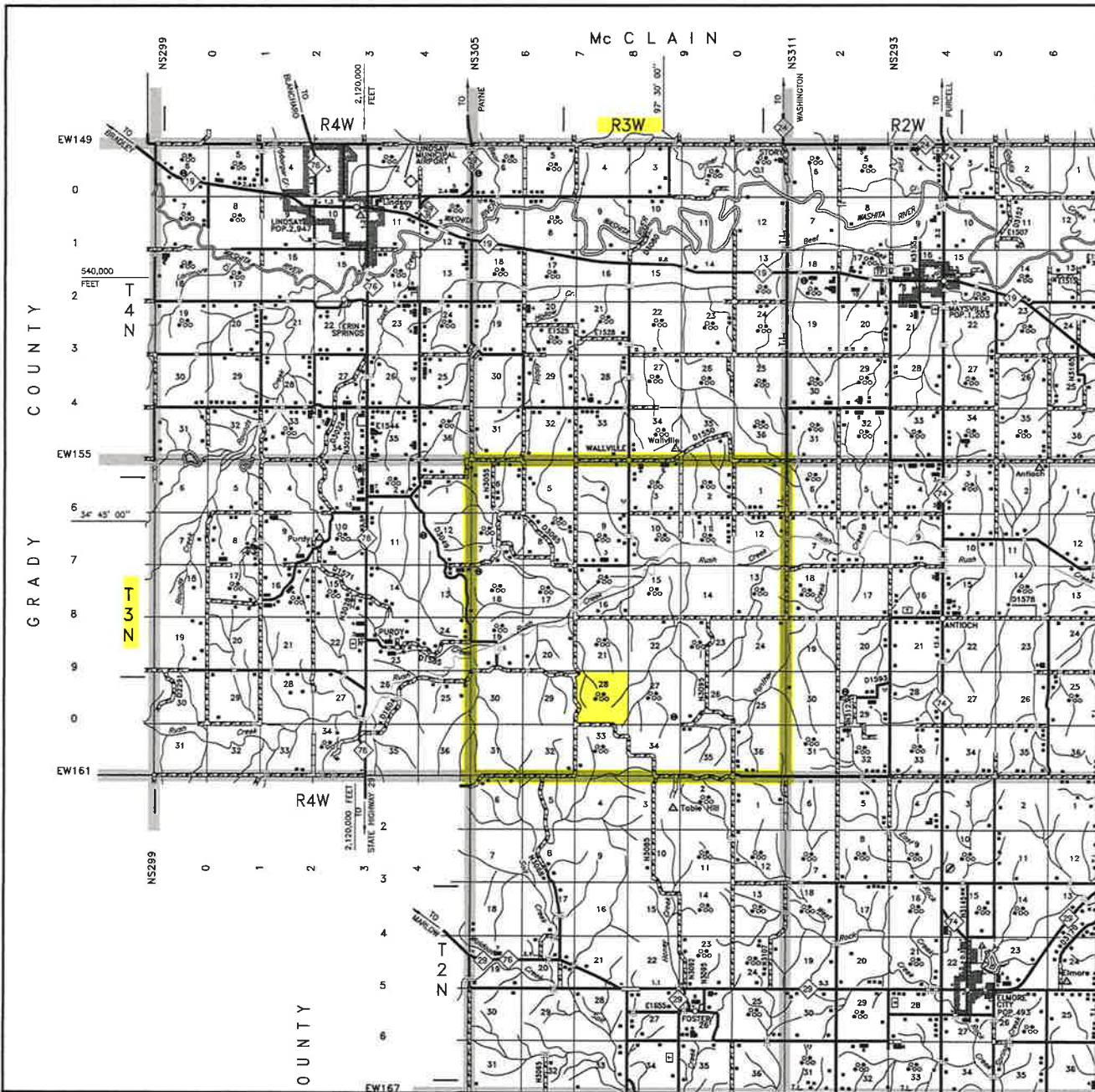
LAND SURVEYORS OF OKLAHOMA

July 3, 2018

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 28 Twp. 3N Rng. 3W I.M.

County GARVIN State OK

Operator CASILLAS OPERATING LLC



LAND SURVEYORS OF OKLAHOMA