

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

API NUMBER: 045 23786

Approval Date: 03/08/2019

Expiration Date: 09/08/2020

Horizontal Hole  
Multi Unit  
Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 16N Rge: 23W County: ELLIS

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 275 1030

Lease Name: TRC RANCH 16-23 Well No: 7-18 H1 Well will be 275 feet from nearest unit or lease boundary.

Operator Name: PPP PETROLEUM LP

Telephone: 2142316832

OTC/OCC Number: 23356 0

PPP PETROLEUM LP  
2101 CEDAR SPRINGS RD STE 1800  
DALLAS , TX 75201-1585

TRC OKLAHOMA RANCH, LLC  
705 1/2 MAIN  
ASHLAND KS 67831

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

	Name	Depth	Name	Depth
1	CLEVELAND	9298	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900087  
201900086  
201900088

Special Orders:

Total Depth: 19669 Ground Elevation: 2203 Surface Casing: 750 Depth to base of Treatable Water-Bearing FM: 550

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 14000 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: OGALLALA

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

PERMIT NO: 18-36018

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: OGALLALA

HORIZONTAL HOLE 1

Sec 18 Twp 16N Rge 23W County ELLIS

Spot Location of End Point: SW SE SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1750

Depth of Deviation: 9298

Radius of Turn: 568

Direction: 185

Total Length: 9478

Measured Total Depth: 19669

True Vertical Depth: 9987

End Point Location from Lease,  
Unit, or Property Line: 0

Notes:

Category

Description

HYDRAULIC FRACTURING

1/16/2019 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

1/16/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201900086

3/6/2019 - GB1 - (640)(HOR) 7 & 18-16N-23W  
EXT 630730 CLVD  
POE TO BHL NLT 660' FB  
REC. 1/28/2019 (M. PORTER)

PENDING CD - 201900087

3/6/2019 - GB1 - (I.O.) 7 & 18-16N-23W  
EST MULTIUNIT HORIZONTAL WELL  
X201900086 CLVD  
50% 7-16N-23W  
50% 18-16N-23W  
PEREGRINE PETROLEUM PARTNERS, LTD  
REC. 1/28/2019 (M. PORTER)

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

045 23786 TRC RANCH 16-23 7-18 H1

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.

Category

PENDING CD - 201900088

Description

3/6/2019 - GB1 - (I.O.) 7 & 18-16N-23W  
X201900086 CLVD  
COMPL. INT. (7-16N-23W) NCT 0' FSL, NCT 165' FNL, NCT 660' FEL  
COMPL. INT. (18-16N-23W) NCT 165' FSL, NCT 0' FNL, NCT 660' FEL  
NO OP. NAMED  
REC. 1/28/2019 (M. PORTER)

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

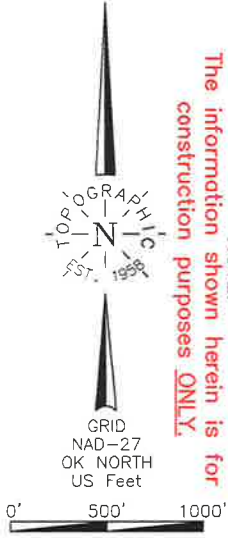
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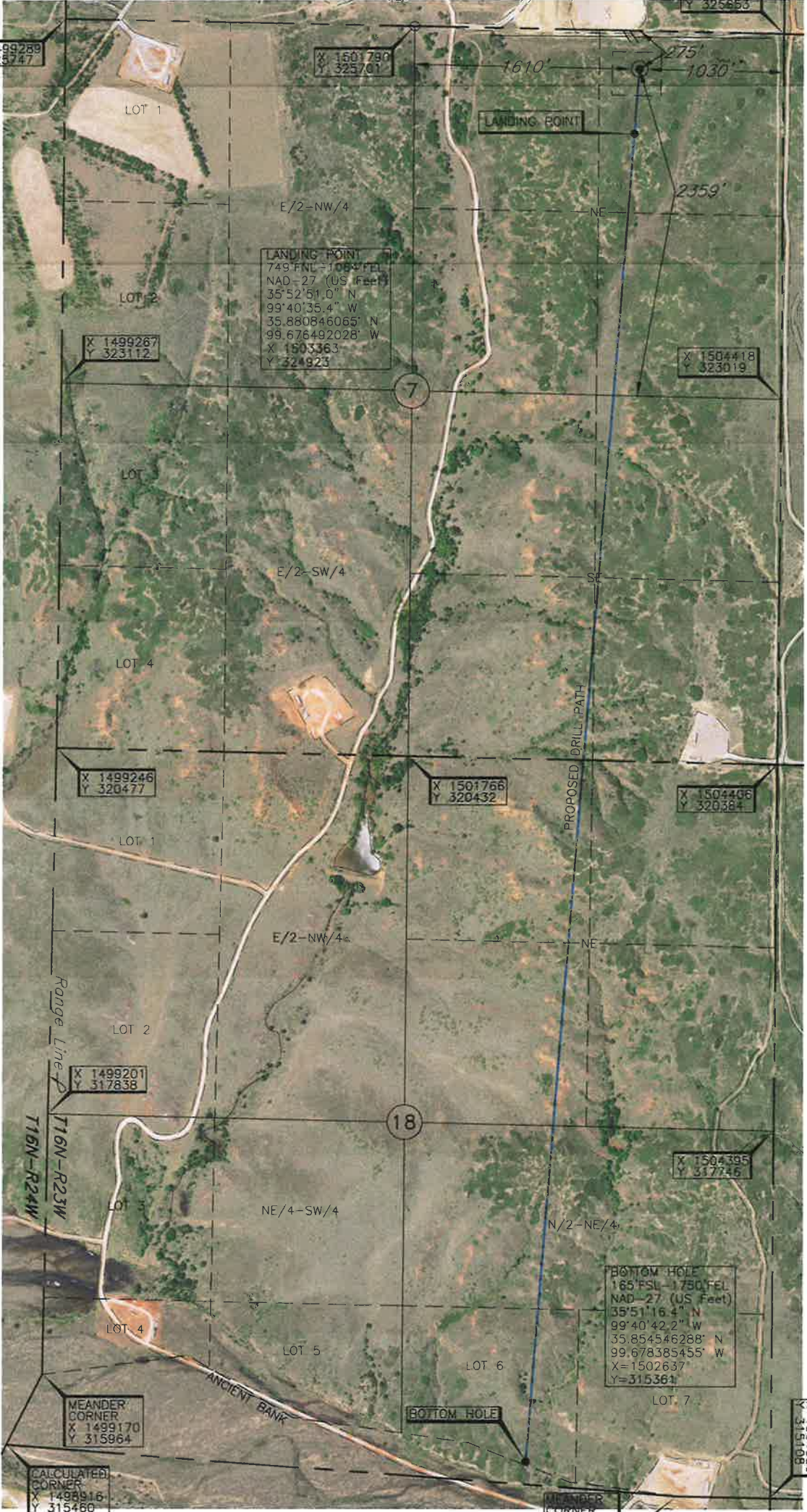


ELLIS County, Oklahoma

275'FNL - 1030'FEL Section 7 Township 16N Range 23W I.M.



NOTE:  
The information shown herein is for construction purposes ONLY.



Operator: PEREGRINE PETROLEUM  
Lease Name: TRC RANCH 16-23  
Topography & Vegetation Loc. fell in rolling sand hills, ±231' South of E-W pipeline  
Good Drill Site? Yes  
Reference Stakes or Alternate Location Stakes Set None  
Best Accessibility to Location From North of lease road  
Distance & Direction From Hwy Jct or Town From Packsaddle, OK, go ±3.0 mi. East, then ±1.0 mi. South on lease road to the NE Cor. of Sec. 7-T16N-R23W  
ELEVATION: 2203' Gr. at Stake

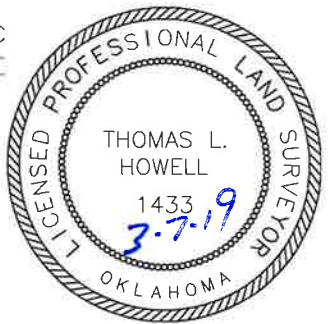
LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION  
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Date of Drawing: Jan. 28, 2018  
Invoice # 124754B Date Staked: Jan. 21, 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



DATUM: NAD-27  
LAT: 35°52'55.7" N  
LONG: 99°40'35.0" W  
LAT: 35.882148752° N  
LONG: 99.676398210° W  
STATE PLANE COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1503399  
Y: 325397



ELLIS

County, Oklahoma

275'FNL - 1030'FEL Section 7 Township 16N Range 23W I.M.

X 1504430  
Y 325653

X 1499289  
Y 325747

X 1501790  
Y 325701

LOT 1

LANDING POINT

2359'

E/2-NW/4

LOT 2

X 1499267  
Y 323112

LANDING POINT  
749'FNL-1064'FEL  
NAD-27 (US Feet)  
35°52'51.0" N  
99°40'35.4" W  
35.880846065" N  
99.676492028" W  
X 1503363  
Y 324923

X 1504418  
Y 323019

LOT 3

E/2-SW/4

LOT 4

X 1499246  
Y 320477

X 1501766  
Y 320432

X 1504406  
Y 320384

LOT 1

E/2-NW/4

LOT 2

X 1499201  
Y 317838

18

NE/4-SW/4

LOT 3

N/2-NE/4

LOT 4

LOT 5

LOT 6

X 1504395  
Y 317746

BOTTOM HOLE  
165'FSL-1750'FEL  
NAD-27 (US Feet)  
35°51'16.4" N  
99°40'42.2" W  
35.854546288" N  
99.678385455" W  
X=1502637  
Y=315361

LOT 7

MEANDER CORNER  
X 1499170  
Y 315964

ANCIENT BANK

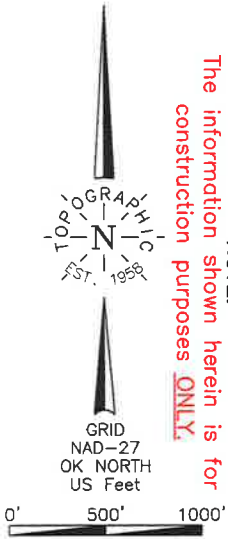
BOTTOM HOLE

MEANDER CORNER  
X 1503719  
Y 315119

X 1504386  
Y 315108

CALCULATED CORNER  
X 1498916  
Y 315460

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construction purposes ONLY.



Operator: PEREGRINE PETROLEUM  
Lease Name: TRC RANCH 16-23  
Topography & Vegetation Loc. fell in rolling sand hills, ±231' South of E-W pipeline

Well No.: 7-18 H1  
ELEVATION:  
2203' Gr. at Stake

Good Drill Site? Yes  
Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From North of lease road  
Distance & Direction From Packsaddle, OK, go ±3.0 mi. East, then ±1.0 mi. South on  
lease road to the NE Cor. of Sec. 7-T16N-R23W

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

Date of Drawing: Jan. 28, 2018

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AC

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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: 35°52'55.7" N  
LONG: 99°40'35.0" W  
LAT: 35.882148752" N  
LONG: 99.676398210" W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1503399  
Y: 325397

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



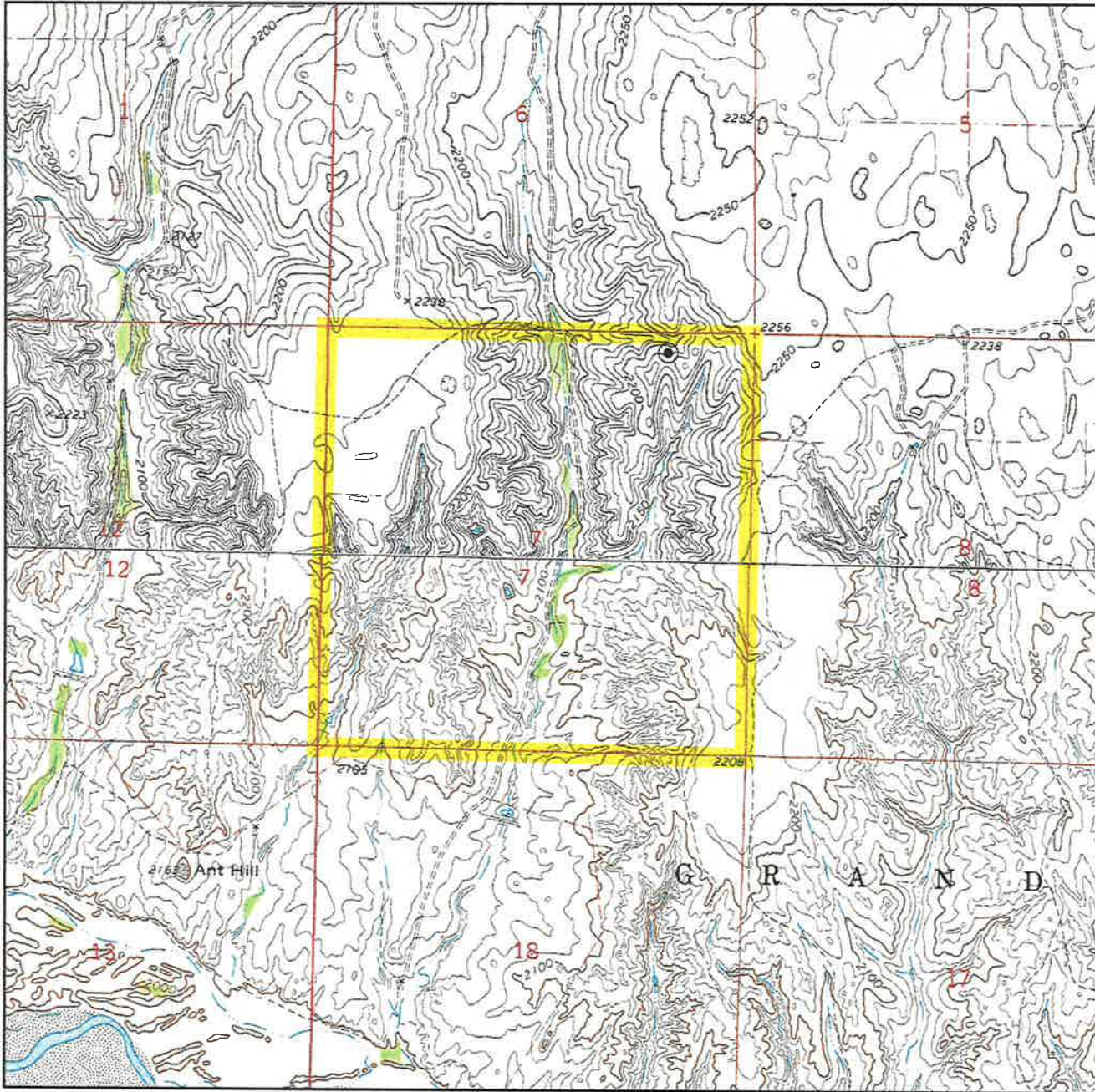
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

13800 Wireless Way, Okla. City, OK. 73134 [www.topographic.com](http://www.topographic.com)

Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 7 Twp. 16N Rng. 23W IM

County ELLIS State OK

Operator PEREGRINE PETROLEUM

Description 275'FNL - 1030'FEL

Lease TRC RANCH 16-23 7-18 H1

Elevation 2203' 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.



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

**LAND SURVEYORS OF OKLAHOMA**

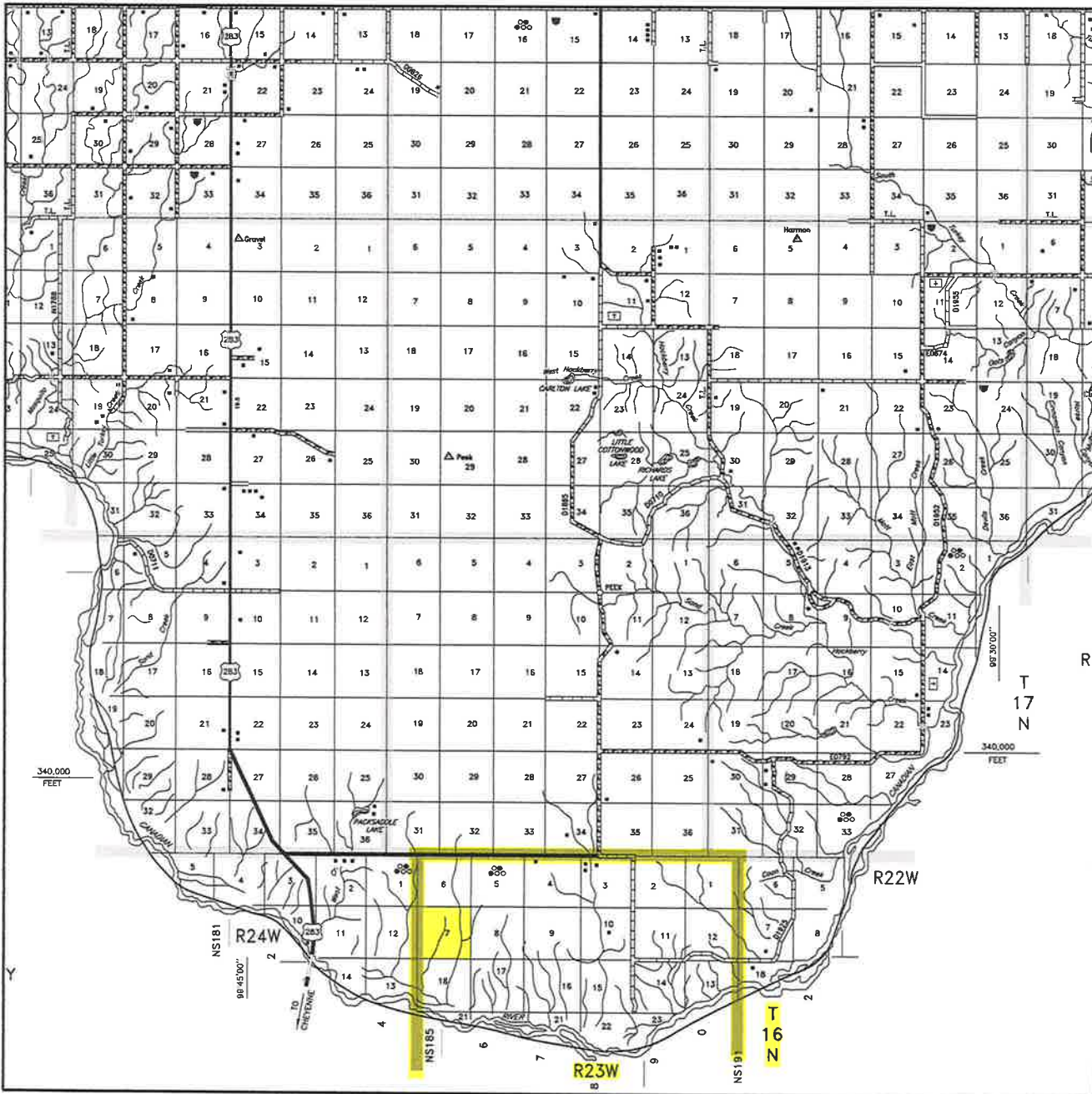
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## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 7 Twp. 16N Rng. 23W IM

County ELLIS State OK

Operator PEREGRINE PETROLEUM

