

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

API NUMBER: 045 23788 A

Approval Date: 03/19/2019
Expiration Date: 09/19/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: MOVED SURFACE HOLE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 16N Rge: 23W County: ELLIS
SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 19 822

Lease Name: RVR INC Well No: 16-23 9-16H1 Well will be 19 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

RVR INC
7147 E. 138 RD
HOLDENVILLE OK 74848

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

Name	Depth	Name	Depth
1 CLEVELAND	9937	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 694088 Location Exception Orders: Increased Density Orders:

Pending CD Numbers: 201900682 201900683 Special Orders:

Total Depth: 19955 Ground Elevation: 2149 **Surface Casing: 740** Depth to base of Treatable Water-Bearing FM: 490

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

PIT 1 INFORMATION

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-36019
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 16 Twp 16N Rge 23W County ELLIS

Spot Location of End Point: S2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 9244

Radius of Turn: 568

Direction: 179

Total Length: 9818

Measured Total Depth: 19955

True Vertical Depth: 9937

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

3/5/2019 - 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

MEMO

3/5/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201900682

3/19/2019 - GB1 - (I.O.) 9 & 16-16N-23W
EST MULTIUNIT HORIZONTAL WELL
X201900681 CLVD
50% 9-16N-23W
50% 16-16N-23W
PPP PETROLEUM, LP
REC. 3/4/2019 (DENTON)

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.

Category	Description
PENDING CD - 201900683	3/19/2019 - GB1 - (I.O.) 9 & 16-16N-23W X201900681 CLVD COMPL. INT. (9-16N-23W) NCT 0' FSL, NCT 165' FNL, NCT 660' FEL COMPL. INT. (16-16N-23W) NCT 165' FSL, NCT 0' FNL, NCT 660' FEL NO OP. NAMED REC. 3/4/2019 (DENTON)
SPACING - 694088	5/10/2019 - GB1 - (640)(HOR) 9 & 16-16N-23W VAC 122779 CLVD EXT 678563 CLVD POE TO BHL NLT 660' FB

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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13900 Wireless Way, Okla. City, OK, 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 ELLIS Certificate of Authorization No. 1293 LS
 County, Oklahoma

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

19° FSL - 822' FEL Section 4 Township 16N Range 23W 1.M.



LANDING POINT
 456'FNL-811'FEL
 NAD-27 (US Feet)
 35°52'54.1" N
 99°38'22.9" W
 35,881,706,800" N
 99,639,686,484" W
 X=1514270
 Y=325050

BOTTOM HOLE
 185'FSL-660'FEL
 NAD-27 (US Feet)
 35°51'15.9" N
 99°38'19.1" W
 35,854,421,225" N
 99,638,638,210" W
 X=1514413
 Y=315114

GRID
 NAD-27
 OK NORTH
 US FEET
 Scale:
 1" = 1000'

ELEVATION:
 2149' Gr. at level pod

THE INFORMATION SHOWN HEREIN IS
 FOR CONSTRUCTION PURPOSES ONLY

Operator: PEREGRINE PETROLEUM
 Lease Name: RVR INC 16-23 Well No.: 9-16 H1
 Topography & Vegetation Conductor pipe on level pod, ±5' East to mouse hole
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From North off lease road
 Distance & Direction From Packsaddle, OK, go ±4.5 mi. East on paved road, then ±0.7 mi. South, then ±0.25 mi. West, then ±0.3 mi. South on lease road to the SE Cor. of Sec. 4-T16N-R23W

DATUM: NAD-27
 LAT: 35°52'58.8" N
 LONG: 99°38'23.1" W
 LAT: 35.883011085° N
 LONG: 99.639736611° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1514264
 Y: 325525

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

Revision A Date of Drawing: May 09, 2019
 Project # 126163 Date Staked: May 03, 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

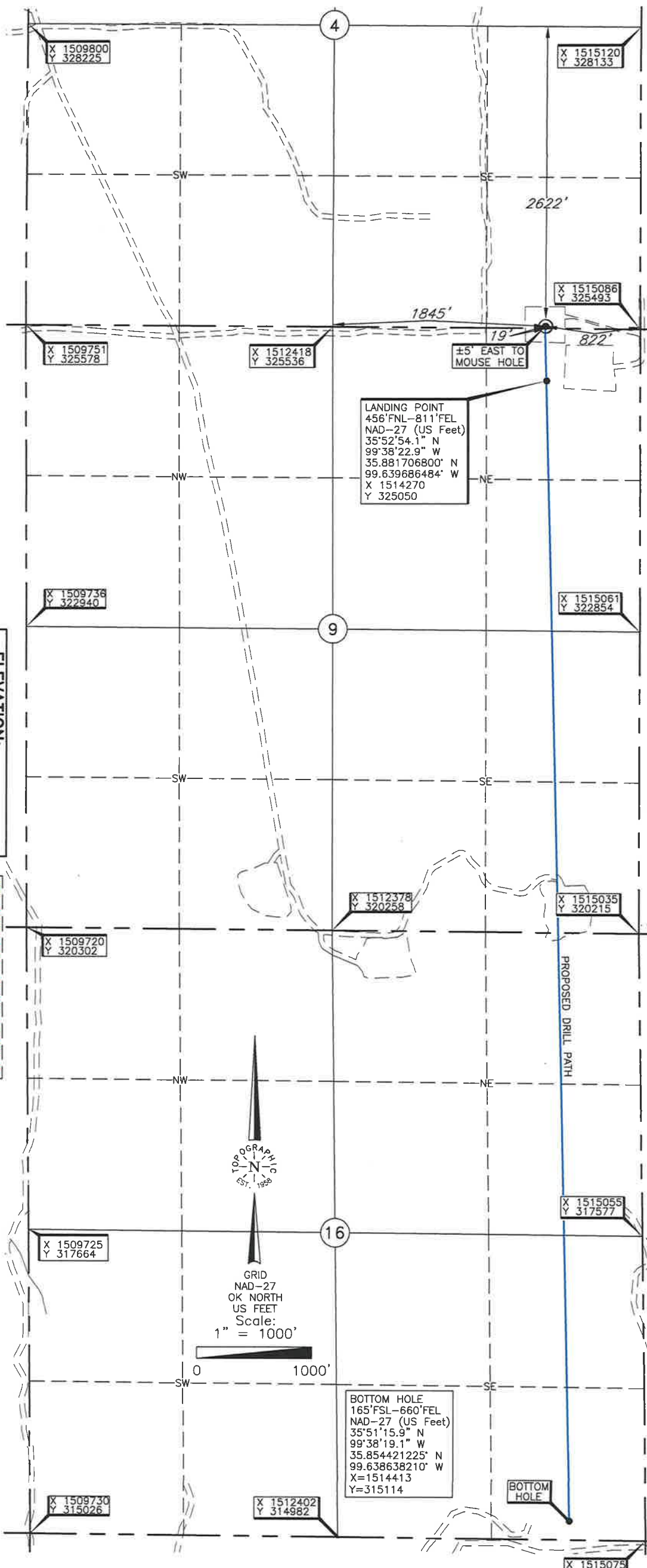
13800 Wireless Way, Okla. City, OK, 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

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ELLIS Certificate of Authorization No. 1293 LS

County, Oklahoma

19' FSL - 822' FEL Section 4 Township 16N Range 23W I.M.



ELEVATION:
2149' Gr. at level pad

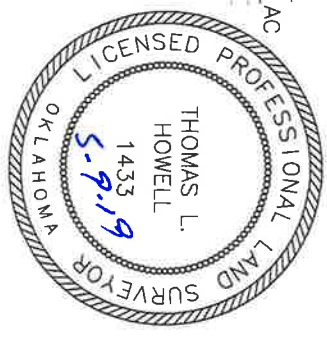
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Operator: PEREGRINE PETROLEUM
Lease Name: RVR INC 16-23
Topography & Vegetation Conductor pipe on level pad, ±5' East to mouse hole
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DATUM: NAD-27
LAT: 35°52'58.8" N
LONG: 99°38'23.1" W
LAT: 35.883011085° N
LONG: 99.639736611° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH

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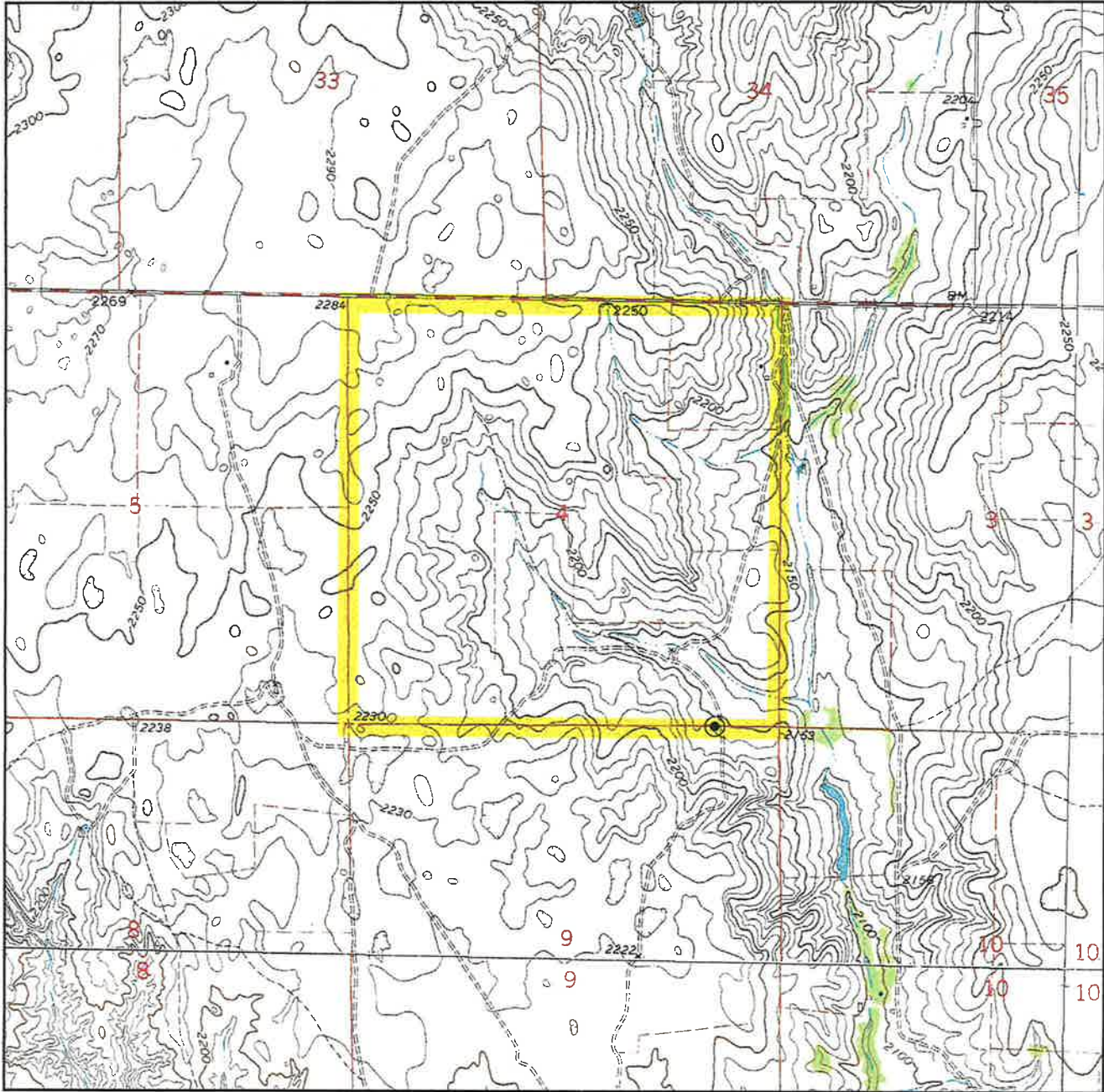
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Oklahoma Lic. No. 1433



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. 4 Twp. 16N Rng. 23W IM

County ELLIS State OK

Operator PEREGRINE PETROLEUM

Description 19'FSL - 822'FEL

Lease RVR INC 16-23 9-16 H1

Elevation 2149' Gr. at level pad

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.



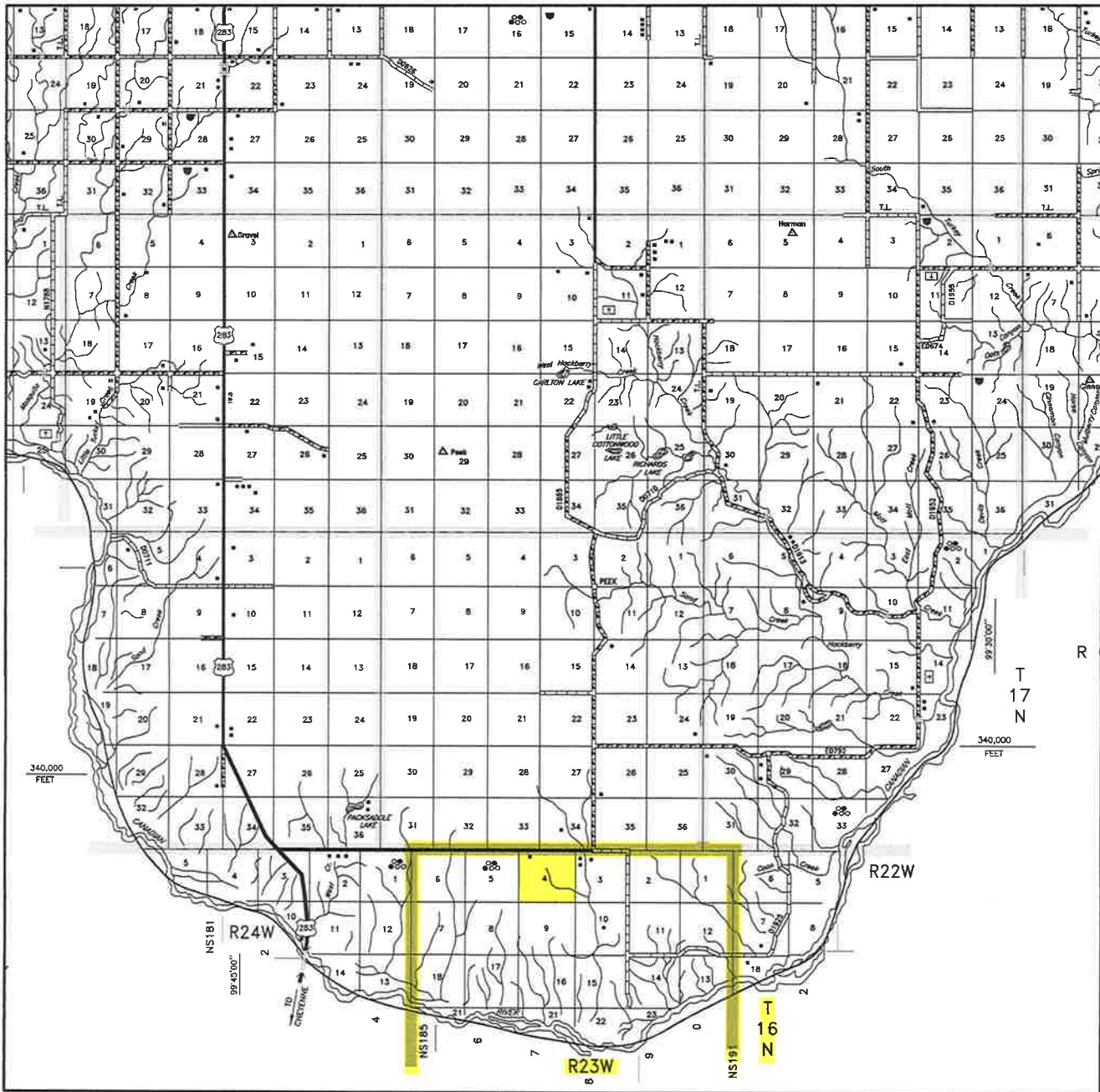
LAND SURVEYORS OF OKLAHOMA

May 03, 2019

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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13800 Wireless Way, Okla. City, OK. 73134 www.topographic.com
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VICINITY MAP



Scale: 1" = 3 Miles

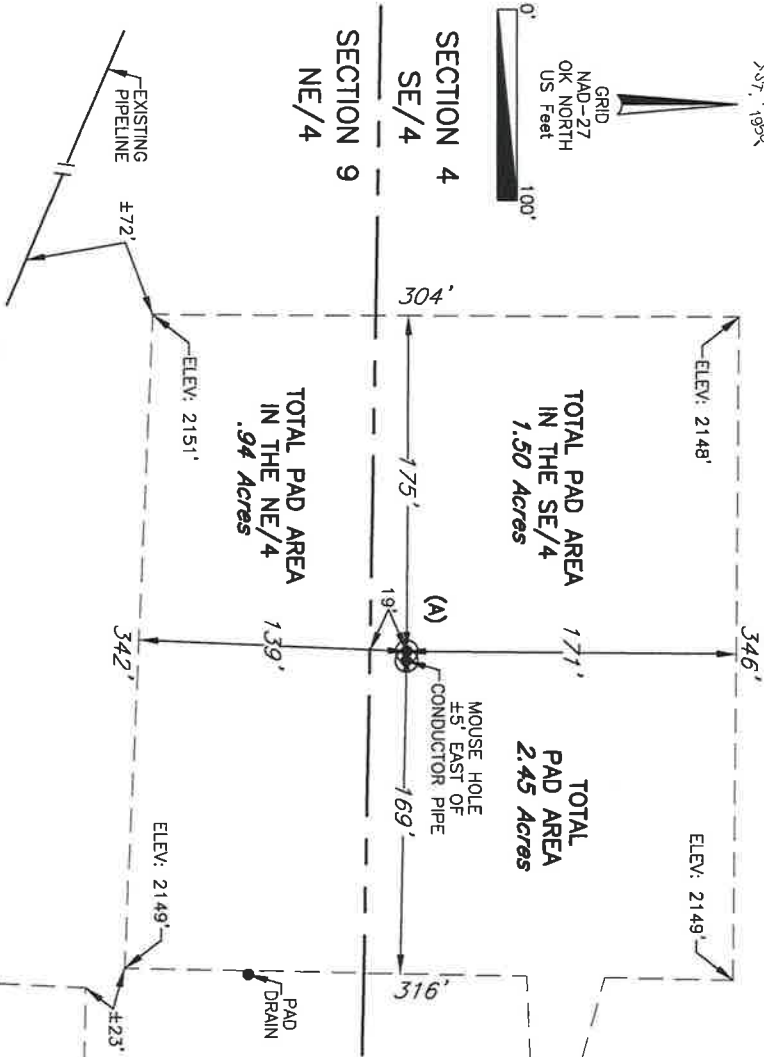
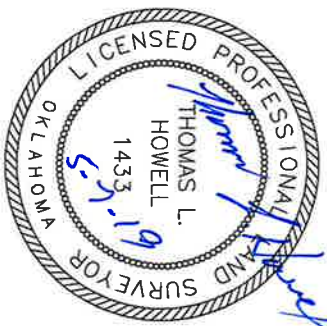
Sec. 4 Twp. 16N Rng. 23W IM

County ELLIS State OK

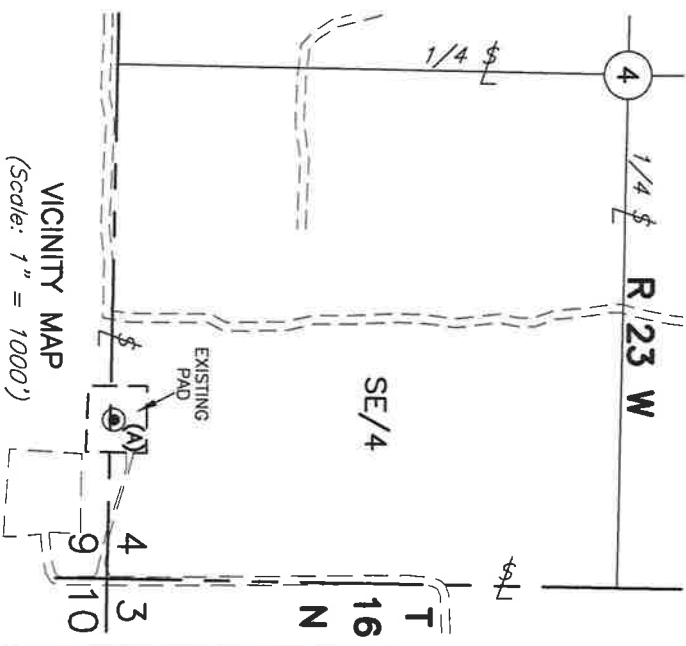
Operator PEREGRINE PETROLEUM



T 16 N - R 23 W
(INDIAN MERIDIAN)



(A) PEREGRINE PETROLEUM
RVR INC 16-23 9-16 H1
19FSL-822FEL
Elev. 2149' Gr. at level pad



PLAT SHOWING

EXISTING PAD AREA IN THE
NE/4 Sec. 9 & SE/4 OF SECTION 4, T16N-R23W
ELLIS COUNTY, OKLAHOMA

NO.	REVISION	DATE	BY

SUR. BY: DJ 05-03-19
DRAWN BY: AC
APPROVED BY: TH

EXISTING PAD

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

This plat was prepared exclusively for
PEREGRINE PETROLEUM

and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma
SURVEYING AND MAPPING BY
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
13800 Wireless Way, Okla. City, OK 73134 (405) 843-4847
Certificate of Authorization No. 1293 LS

SCALE:	1"=100'
DATE:	05-06-2019
PROJECT NO.:	126163
FILE NAME:	L2021B.DWG
DWG NO.:	116062-12-021-B
SHEET	1 OF 1