

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

API NUMBER: 083 24444

Approval Date: 01/18/2019
Expiration Date: 07/18/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 15N Rge: 4W

County: LOGAN

SPOT LOCATION: SW NE SE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 932 619

Lease Name: NIGHT KING 1504 33-04

Well No: 1BH

Well will be 619 feet from nearest unit or lease boundary.

Operator Name: REVOLUTION RESOURCES LLC

Telephone: 4055345232

OTC/OCC Number: 24162 0

REVOLUTION RESOURCES LLC
14301 CALIBER DR STE 110
OKLAHOMA CITY, OK 73134-1016

ANGIER 2013 REVOCABLE TRUST AGREEMENT, DATED
MAY 7, 2013
3517 STAGMOOR
EDMOND OK 73034

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

Name	Depth	Name	Depth
1 HUNTON	6605	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 20212

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12984

Ground Elevation: 1107

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 580

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: 2500

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: KINGMAN

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-36065

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 04 Twp 14N Rge 4W County OKLAHOMA

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1020

Depth of Deviation: 6057

Radius of Turn: 542

Direction: 180

Total Length: 6075

Measured Total Depth: 12984

True Vertical Depth: 6630

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/10/2019 - 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

SPACING - 20212

1/17/2019 - G58 - (UNIT) 9, 4-14N-4W & S2 S2 33-15N-4W
EST WEST EDMOND HUNTON LIME UNIT FOR HNTN

SURFACE CASING

1/10/2019 - G71 - MIN. 800' PER ORDER 17920

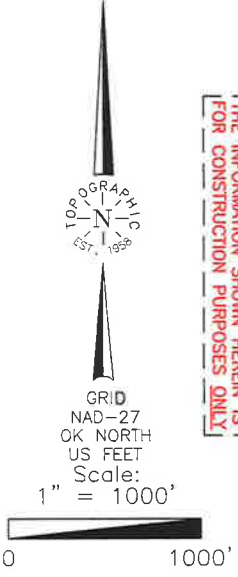
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

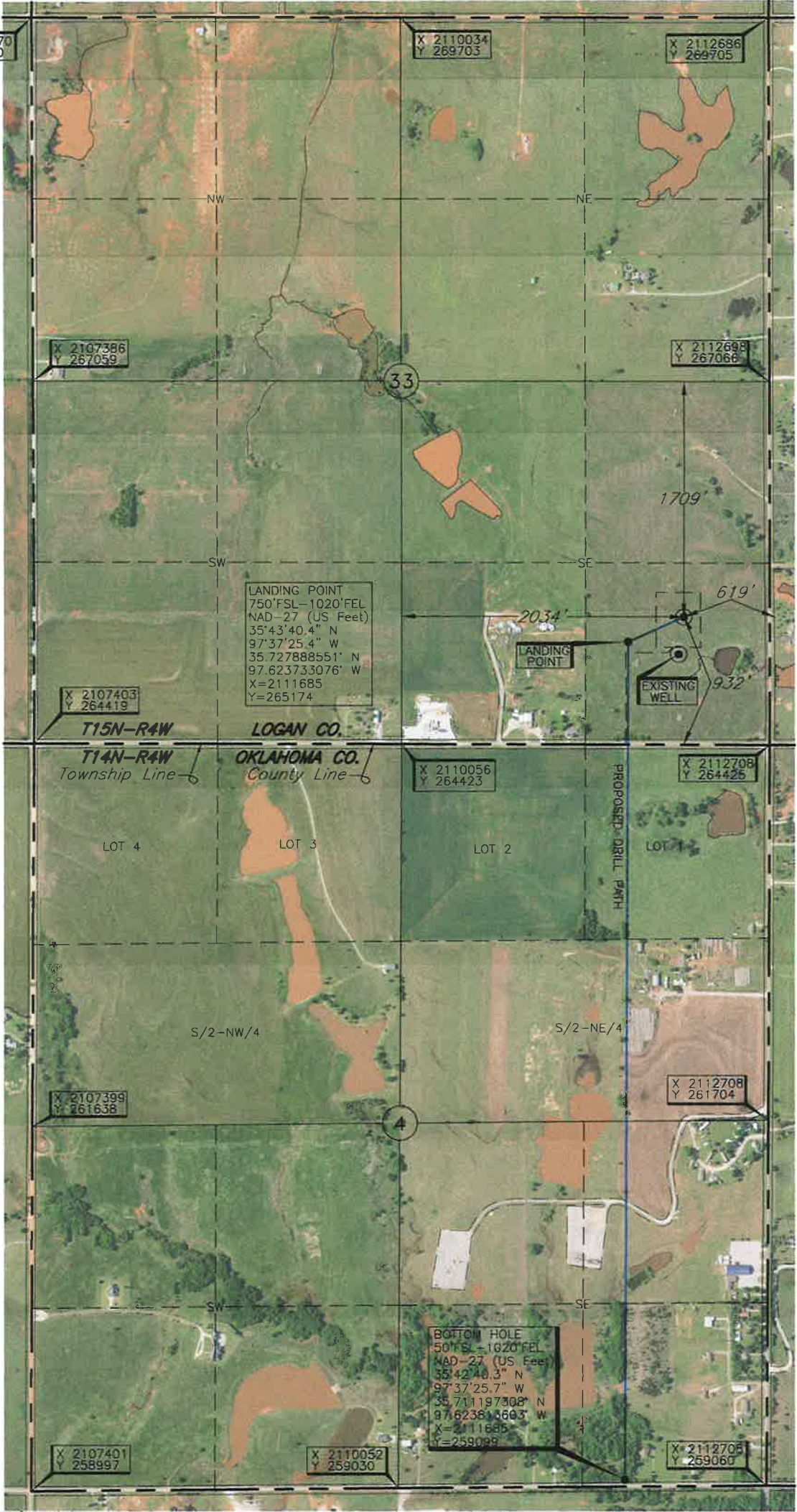
083-24444

LOGAN County, Oklahoma

932'FSL - 619'FEL Section 33 Township 15N Range 4W I.M.



THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY



Operator: REVOLUTION RESOURCES
 Lease Name: NIGHT KING 1504
 Topography & Vegetation Loc. fell in pasture, ±274' North of existing well
 Well No.: 33-04 1BH
 ELEVATION: 1107' Gr. at Stake

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

Best Accessibility to Location From South of county road
 Distance & Direction From Jct. St. Hwy. 74 and Waterloo Rd., go ±2.0 mi. West on Waterloo Rd. to the SE Cor. of Sec. 33-115N-R4W

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

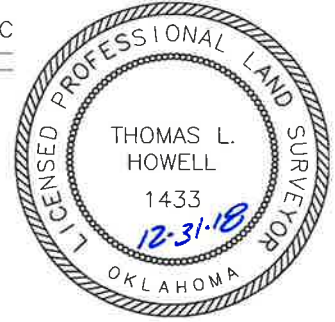
Date of Drawing: Dec. 31, 2018

Invoice # 307955A Date Staked: Dec. 04, 2018 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



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

DATUM: NAD-27
 LAT: 35°43'42.2\"N
 LONG: 97°37'20.6\"W
 LAT: 35.728384161° N
 LONG: 97.622380420° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2112086
 Y: 265356

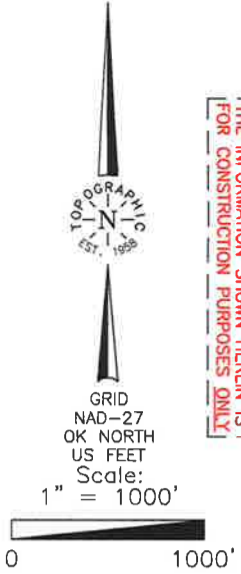
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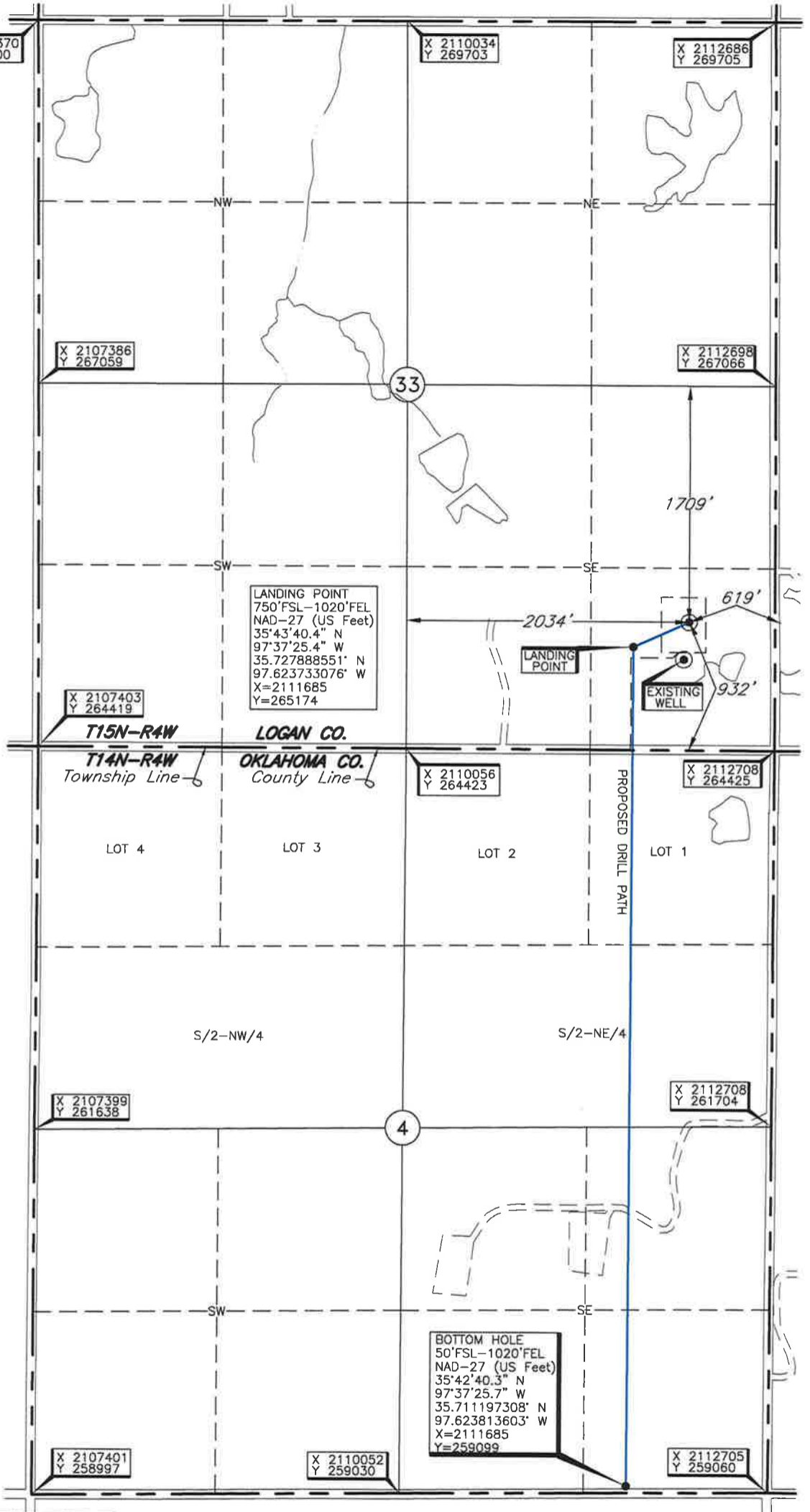
LOGAN

County, Oklahoma

932'FSL - 619'FEL Section 33 Township 15N Range 4W I.M.



THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.



LANDING POINT
 750'FSL-1020'FEL
 NAD-27 (US Feet)
 35°43'40.4" N
 97°37'25.4" W
 35.727888551' N
 97.623733076' W
 X=2111685
 Y=265174

BOTTOM HOLE
 50'FSL-1020'FEL
 NAD-27 (US Feet)
 35°42'40.3" N
 97°37'25.7" W
 35.711197308' N
 97.623813603' W
 X=2111685
 Y=259099

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Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None
 Best Accessibility to Location: From South off county road
 Distance & Direction: From Jct. St. Hwy. 74 and Waterloo Rd., go ±2.0 mi. West on Waterloo Rd. to the SE Cor. of Sec. 33-T15N-R4W

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

Date of Drawing: Dec. 31, 2018

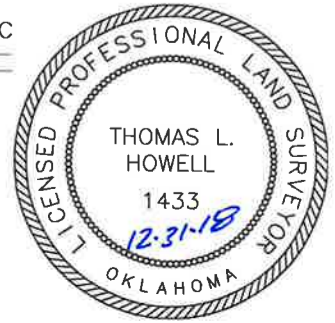
Invoice # 307955A Date Staked: Dec. 04, 2018 AC

DATUM: NAD-27
 LAT: 35°43'42.2"N
 LONG: 97°37'20.6"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2112086
 Y: 265356

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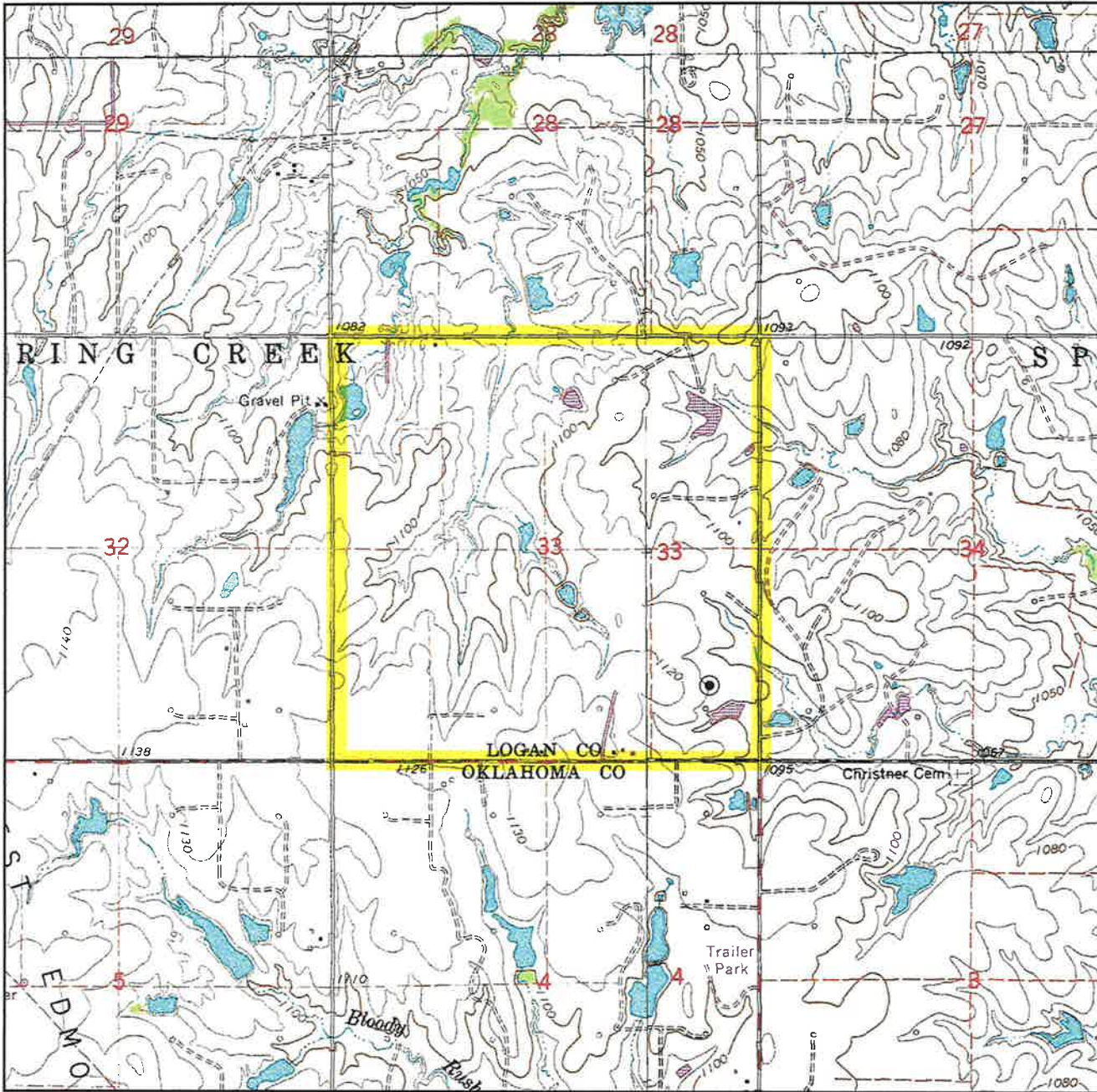
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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 33 Twp. 15N Rng. 4W IM

County LOGAN State OK

Operator REVOLUTION RESOURCES

Description 932'FSL - 619'FEL

Lease NIGHT KING 1504 33-04 1BH

Elevation 1107' 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.



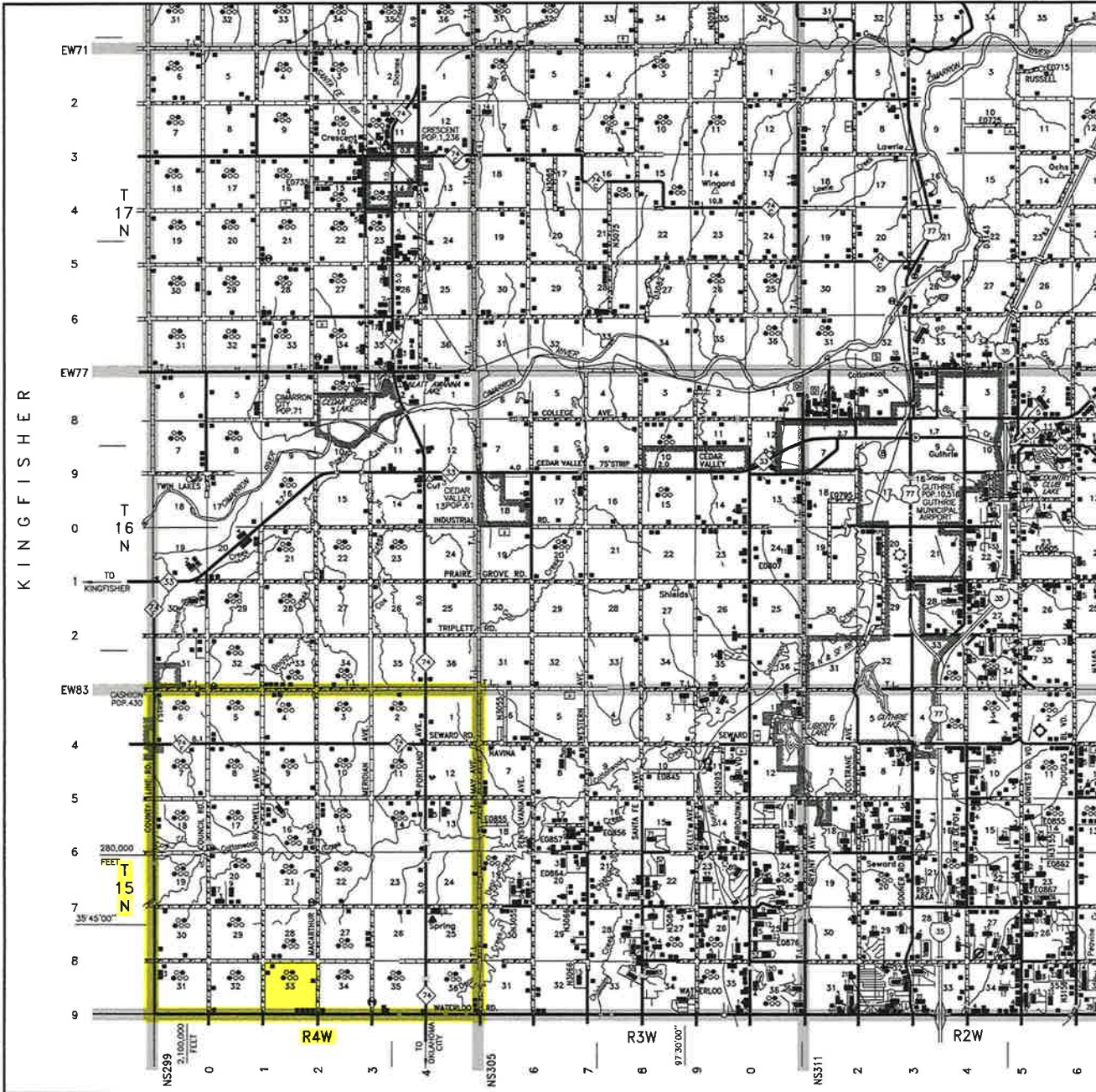
LAND SURVEYORS OF OKLAHOMA

Dec. 04, 2018

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 33 Twp. 15N Rng. 4W IM

County LOGAN State OK

Operator REVOLUTION RESOURCES

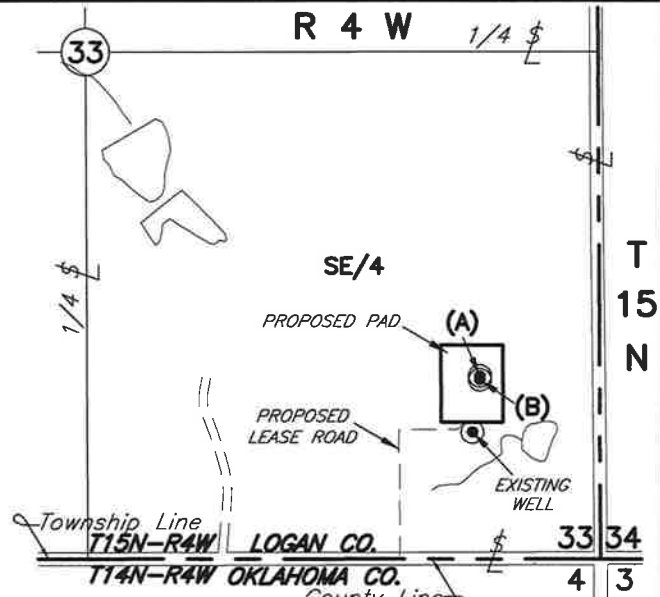


LAND SURVEYORS OF OKLAHOMA

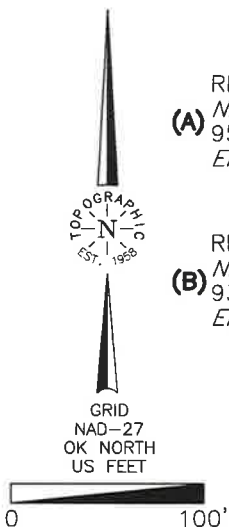
T 15 N - R 4 W (INDIAN MERIDIAN)

PLAT SHOWING

PROPOSED PAD AREA IN THE SE/4 OF SECTION 33, T15N-R4W LOGAN COUNTY, OKLAHOMA



VICINITY MAP
(Scale: 1" = 1000')



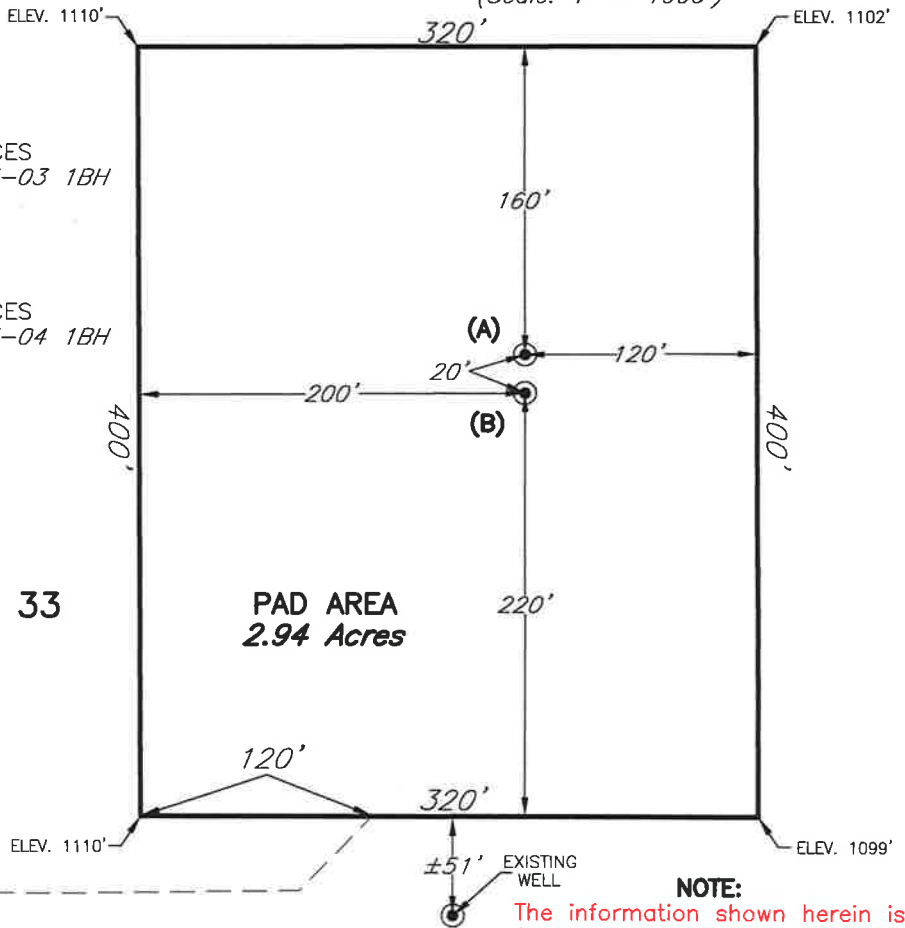
REVOLUTION RESOURCES
(A) NIGHT KING 1504 33-03 1BH
952'FSL-619'FEL
Elev. 1107' Gr.

REVOLUTION RESOURCES
(B) NIGHT KING 1504 33-04 1BH
932'FSL-619'FEL
Elev. 1107' Gr.

SECTION 33
SE/4

PAD AREA
2.94 Acres

CENTER LINE OF
PROPOSED LEASE ROAD
(SEE DRAWING 2 OF 2)



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

1	NAME CHANGE	12/31/18	AC
NO.	REVISION	DATE	BY
SURV. BY: PJ 12-04-18			
DRAWN BY: AC			
APPROVED BY: TH			

This plat was prepared exclusively for
REVOLUTION RESOURCES
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:	12-07-18
INVOICE NO.:	307955
FILE NAME:	L2001A1.DWG
DRAWING NO.:	118067-L2-001-A1
SHEET	1 OF 2

T 15 N - R 4 W
(INDIAN MERIDIAN)
 PLAT SHOWING
PROPOSED LEASE ROAD IN THE
SE/4 OF SECTION 33, T15N-R4W
LOGAN COUNTY, OKLAHOMA

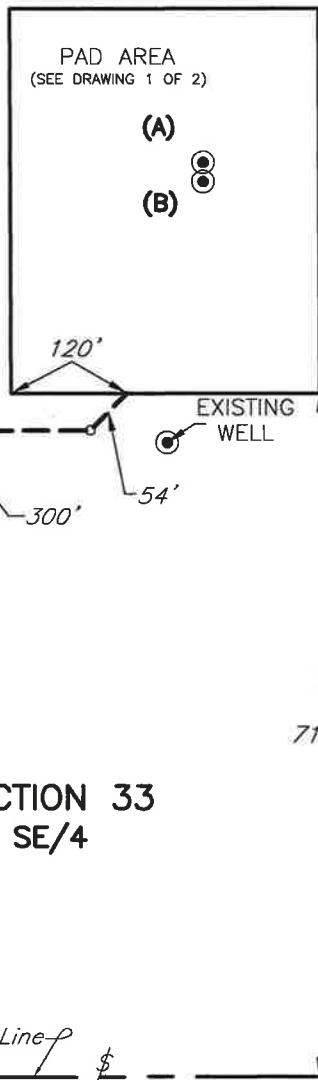


GRID
 NAD-27
 OK NORTH
 US FEET



TOTAL LENGTH OF LEASE ROAD
1010' = 61.21 RODS

CENTER LINE OF
 PROPOSED LEASE ROAD



- (A) REVOLUTION RESOURCES
 NIGHT KING 1504 33-03 1BH
 952'FSL-619'FEL
 Elev. 1107' Gr.
- (B) REVOLUTION RESOURCES
 NIGHT KING 1504 33-04 1BH
 932'FSL-619'FEL
 Elev. 1107' Gr.



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33 34
 4 3

1	NAME CHANGE	12/31/18	AC
NO.	REVISION	DATE	BY
SURV. BY:		PJ 12-04-18	
DRAWN BY:		AC	
APPROVED BY:		TH	

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 13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847
 Certificate of Authorization No. 1293 LS

SCALE:	1" = 200'
DATE:	12-07-18
INVOICE NO.:	307955
FILE NAME:	L2001A2.DWG
DRAWING NO.:	118067-L2-001-A2
SHEET	2 OF 2