

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

API NUMBER: 015 23309

Approval Date: 03/04/2019

Expiration Date: 09/04/2020

Horizontal Hole  
Oil & Gas  
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 6N Rge: 12W County: CADDO  
SPOT LOCATION:     FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 2310 1320

Lease Name: BAKER 5-8 Well No: 1WH Well will be 1320 feet from nearest unit or lease boundary.  
Operator Name: KING ENERGY LLC Telephone: 4054630909 OTC/OCC Number: 19617 0

KING ENERGY LLC  
7025 N ROBINSON AVE  
OKLAHOMA CITY, OK 73116-9044

MARION MARTIN  
P.O. BOX 38  
MUSTANG OK 73064

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	6000	6	
2	WOODFORD	8800	7	
3	HUNTON	9400	8	
4			9	
5			10	

Spacing Orders: 690616

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201810023  
201810024  
201901378

Special Orders:

Total Depth: 14764 Ground Elevation: 1349 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 500

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: EL RENO

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

PERMIT NO: 19-36187

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: EL RENO

## HORIZONTAL HOLE 1

Sec 08 Twp 6N Rge 12W County CADDO

Spot Location of End Point: C W2

Feet From: NORTH 1/4 Section Line: 2640

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 8527

Radius of Turn: 573

Direction: 180

Total Length: 5337

Measured Total Depth: 14764

True Vertical Depth: 9400

End Point Location from Lease,  
Unit, or Property Line: 1320

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

1/25/2019 - 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

1/25/2019 - 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

1/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### PENDING CD - 201810023

2/13/2019 - GA8 - (I.O.) 5 & 8-6N-12W  
EST MULTIUNIT HORIZONTAL WELL  
X690616/201901378 MSSP, WDFD, HNTN  
(MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)  
50% 5-6N-12W  
50% 8-6N-12W  
NO OP. NAMED  
REC 12/18/2018 (NORRIS)

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

015 23309 BAKER 5-8 1WH

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	Description
PENDING CD - 201810024	<p>2/13/2019 - GA8 - (I.O.) 5 &amp; 8-6N-12W  X690616/201901378 MSSP, WDFD, HNTN  SHL (5-6N-12W) 2140' FSL, 330' FWL **  COMPL. INT. (5-6N-12W) NCT 1320' FNL, NCT 0' FSL, NCT 330' FWL  COMPL. INT. (8-6N-12W) NCT 0' FNL, NCT 1320' FSL, NCT 330' FWL  NO OP. NAMED  REC 12/18/2018 (NORRIS)</p> <p>** S/B SHL (5-6N-12W) 2310' FNL, 1320' FWL; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR</p>
PENDING CD - 201901378	<p>3/4/2019 - GA8 - (E.O.) 5 &amp; 8-6N-12W  MODIFY 690616 TO:  VAC 548540 CSTDT, SCDTD, WDDTD, HNNT 5-6N-12W  VAC 351983 CSTIN, SCINT, WDINT, HNINT E2 8-6N-12W  COEXIST SP. ORDER # 353330 CSTIN, SCINT, WDINT, HNINT E2 7 &amp; W2 8-6N-12W  HEARING 3/11/2019 (OK'D PER MCCOY)</p>
SPACING - 690616	<p>2/12/2019 - GA8 - (640)(HOR) 5 &amp; 8-6N-12W  VAC 351983 CSUTH, SCUTH, WDUTH, HNUTD E2  VAC 548540 SPOVT, CROTD, SCOTD, WDOTD, HTOTD  EST MSSP, WDFD, HNTN, OTHERS  POE TO BHL (MSSP, HNTN) NLT 660' FB  POE TO BHL (WDFD) NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL  (COEXIST SP. ORDER #351983 CSUTH, SCUTH, WDUTH, HNUTD W2 E2 7 &amp; W2 8-6N-12W)</p>

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.

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

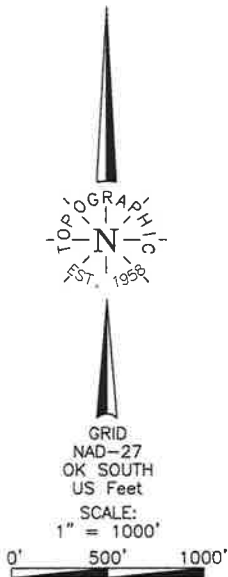
13800 Wireless Way, Okla. City, OK. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

35-015-23309

CADDO

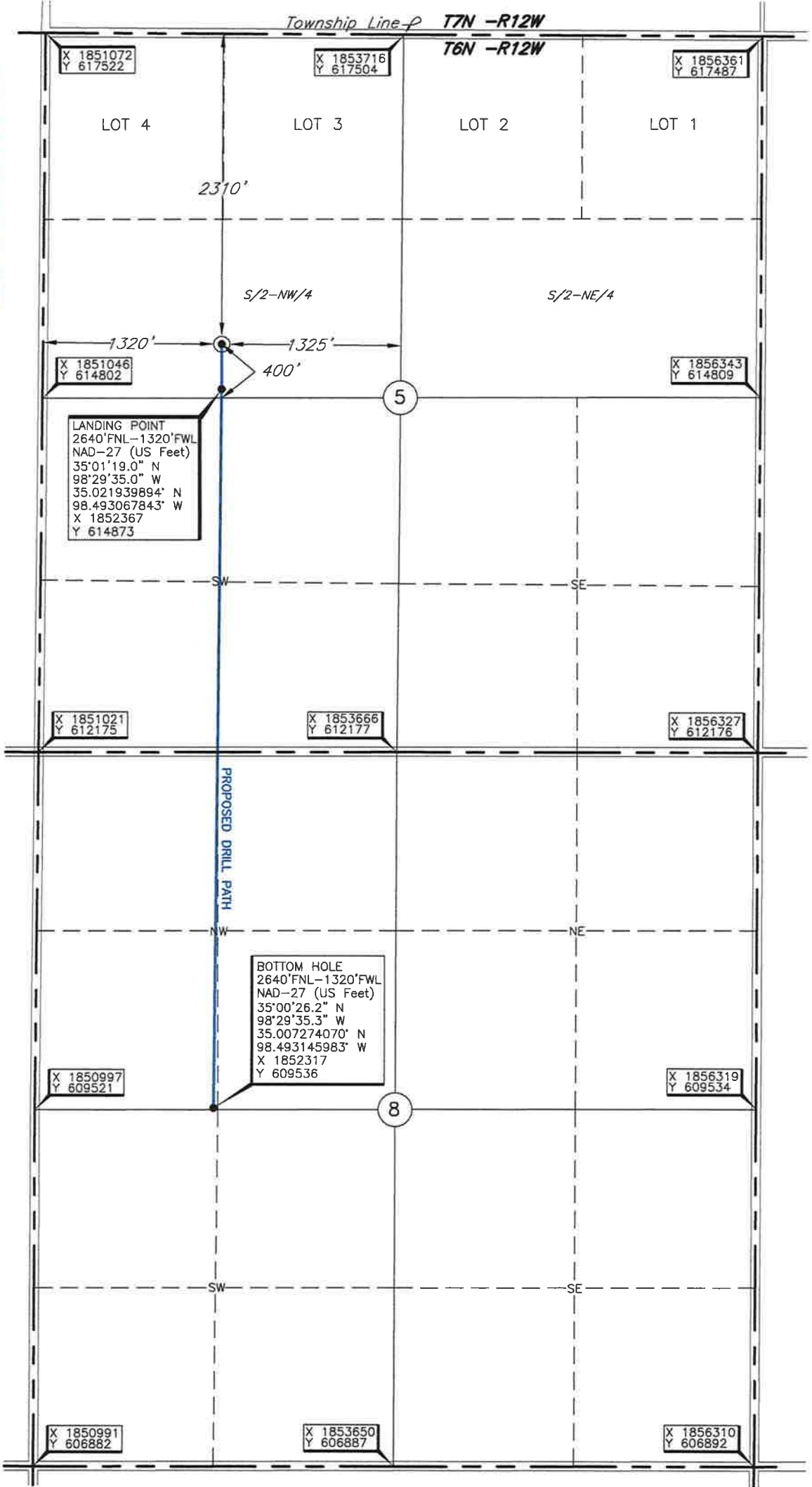
County, Oklahoma

2310'FNL-1320'FWL Section 5 Township T6N Range R12W I.M.



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

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY



Operator: KING ENERGY L.L.C.  
Lease Name: BAKER  
Topography & Vegetation Loc. fell in a pasture, slope to the South, East/West fence 400' South.  
Good Drill Site? Yes  
Reference Stakes or Alternate Location Stakes Set None  
Best Accessibility to Location From West off county road.  
Distance & Direction from Hwy Jct. or Town From Jct. of St. Hwy 58 & St. Hwy 9 in Carnegie, OK, go South on St. Hwy 58 for ±6.0 miles, then East for ±6.0 miles, then North ±1 mile to the Northwest Corner of Section 5, T6N-R12W.  
Well No.: 5-8 1WH  
ELEVATION: 1349' at Gr. Stake

Date of Drawing: Feb. 12, 2019 ST  
Project # 123241 Date Staked: Jan. 22, 2019

## 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.

Oklahoma Lic. No. 1433



DATUM: NAD-27  
LAT: 35°01'22.2" N  
LONG: 98°29'35.0" W  
LAT: 35.022846923° N  
LONG: 98.493063253° W  
STATE PLANE COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 1852370  
Y: 615204



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

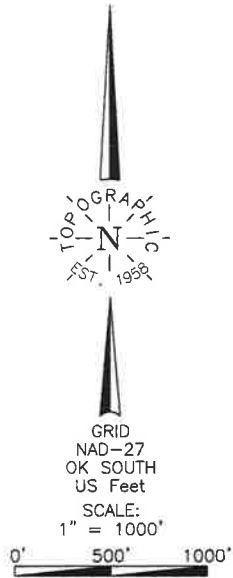
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from Hwy Jct. or Town From Jct. of St. Hwy 58 & St. Hwy 9 in Carnegie, OK, go South on St. Hwy 58 for ±6.0 miles, then East for ±6.0 miles, then North ±1 mile to the Northwest Corner of Section 5, T6N-R12W.

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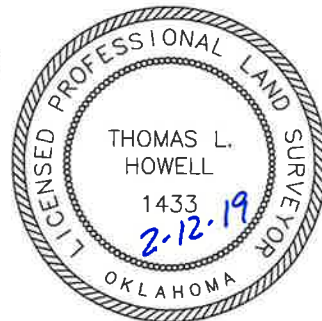
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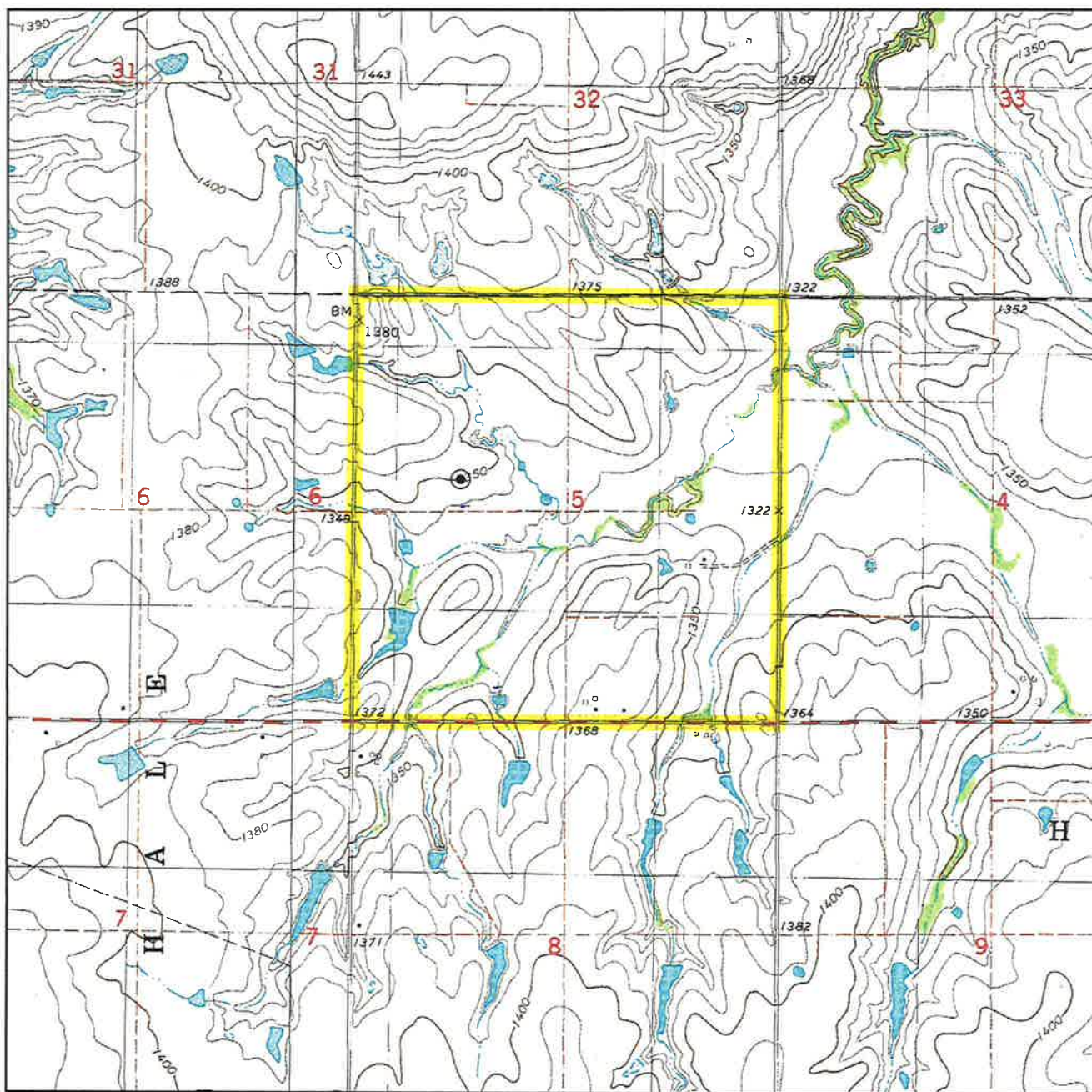
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

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

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

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 5 Twp. 6N Rng. 12W I.M.

County CADDO State OK

Operator KING ENERGY, LLC

Description 2310' FNL - 1320' FWL

Lease BAKER 5-8 1WH

Elevation 1349' 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**

Jan. 22, 2019



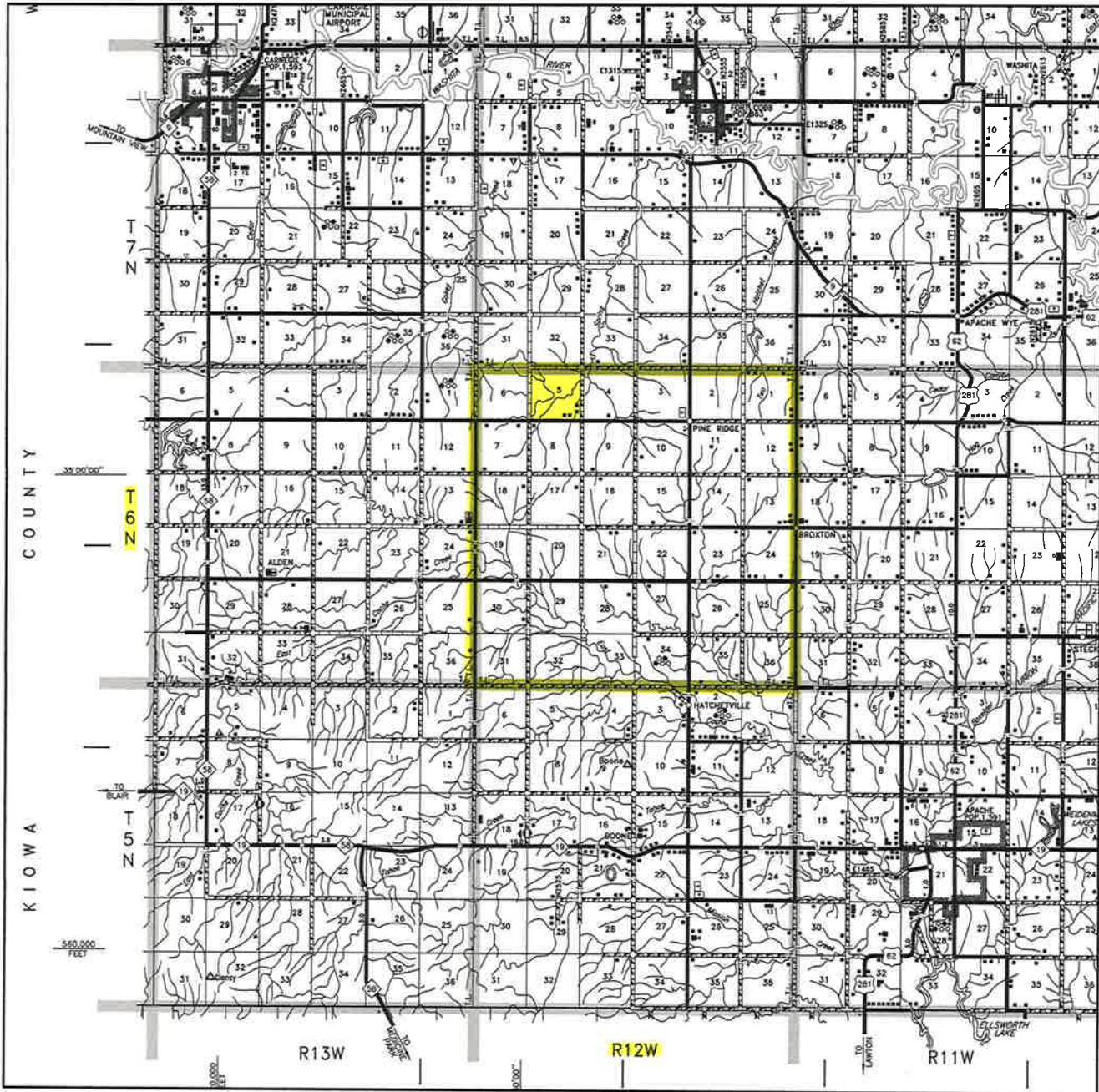
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## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 5 Twp. 6N Rng. 12W I.M.

County CADDO State

Operator KING ENERGY, LLC



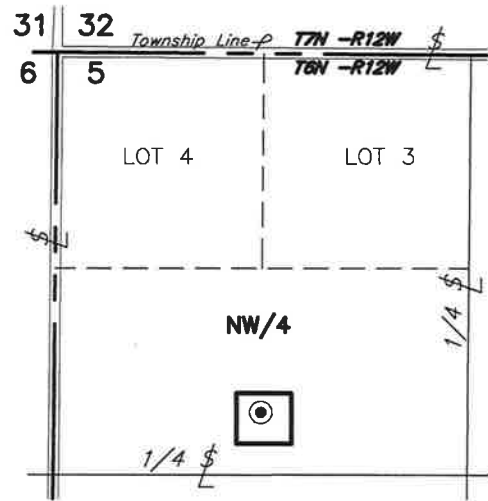
**LAND SURVEYORS OF OKLAHOMA**

(INDIAN MERIDIAN)

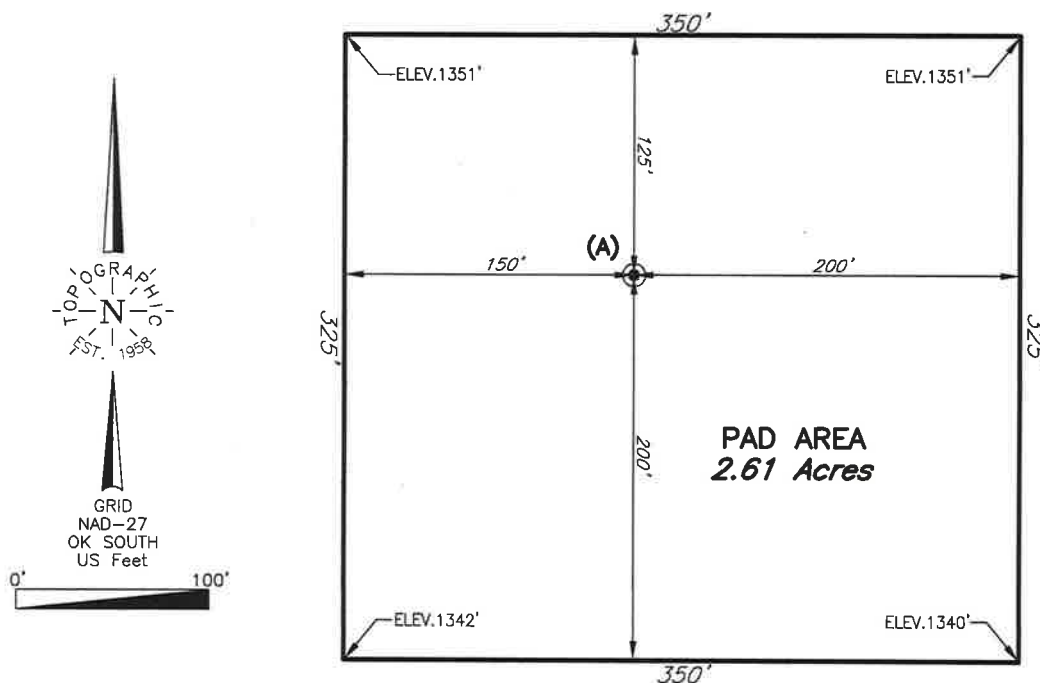
PROPOSED PAD AREA IN THE  
NW/4 OF SECTION 5, T6N - R12W  
CADDO COUNTY, OKLAHOMA



(A) BAKER 5-8 1WH  
2310'FNL-1320'FWL  
Elev. 1349' Gr.



**VICINITY MAP**  
(Scale: 1" = 1000')



SECTION 5  
NW/4

The information shown herein is for construction purposes ONLY.

				This plat was prepared exclusively for												SCALE: 1"=100'									
1	UPDATED LEASE NAME			02-12-19	ST	<b>KING ENERGY LLC</b>												DATE: 1/22/2019							
NO.	REVISION			DATE	BY	and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma												PROJECT/INVOICE NO.:123241/311825							
SUR. BY:				PJ311285			012219			SURVEYING AND MAPPING BY												FILE NAME: L2006A.DWG			
DRAWN BY:				ST			<b>TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA</b>												DWG NO.:111058-L2-006-A						
APPROVED BY:				TH			13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 Certificate of Authorization No. 1293 LS												SHEET 1 OF 1						