

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

API NUMBER: 017 25605 A

Approval Date: 02/21/2020

Expiration Date: 08/21/2021

Horizontal Hole Oil & Gas

Amend reason: AMEND WELL NAME AND BHL

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 06 Township: 14N Range: 5W County: CANADIAN

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NE  
FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 179 1693

Lease Name: KARSTEN 1505 Well No: 7-31MH Well will be 179 feet from nearest unit or lease boundary.

Operator Name: RED BLUFF RESOURCES OPERATING LLC Telephone: 4052088667 OTC/OCC Number: 23828 0

RED BLUFF RESOURCES OPERATING LLC  
3030 NW EXPRESSWAY STE 900  
OKLAHOMA CITY, OK 73112-5447

BRADSHAW CATTLE CO., LLC  
P.O. BOX 251  
PIEDMONT OK 73078

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	7290

Spacing Orders: 589375

Location Exception Orders: 708564  
716752

Increased Density Orders: 708401  
716749

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 12300

Ground Elevation: 1167

**Surface Casing: 560**

Depth to base of Treatable Water-Bearing FM: 510

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

**Approved Method for disposal of Drilling Fluids:**

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-37673  
H. (Other) CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

**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 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: BISON

**HORIZONTAL HOLE 1**

Section: 31 Township: 15N Range: 5W Meridian: IM  
County: KINGFISHER

Total Length: 4945

Measured Total Depth: 12300

Spot Location of End Point: NE NW NE NE

True Vertical Depth: 7456

Feet From: NORTH 1/4 Section Line: 165

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

Feet From: EAST 1/4 Section Line: 700

**NOTES:**

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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
HYDRAULIC FRACTURING	<p>[6/29/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 708401 (201905782)	<p>2/20/2020 - GB6 - 31-15N-5W X589375 MSSP 3 WELLS RED BLUFF RESOURCES OPERATING LLC 02/03/2020</p>
INCREASED DENSITY - 716749	[6/29/2021 - G56] - EXTENSION OF TIME FOR ORDER # 708401
LOCATION EXCEPTION - 708564 (201905785)	<p>2/20/2020 - GB6 - (I.O.) 31-15N-5W X589375 MSSP COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL RED BLUFF RESOURCES OPERATING LLC 02/06/2020</p>
LOCATION EXCEPTION - 716752	[6/29/2021 - G56] - EXTENSION OF TIME FOR ORDER # 708564
SPACING - 589375	<p>2/20/2020 - GB6 - (640)(HOR) 31-15N-5W VAC 59564/61637 MSSLM FOR 31-15N-5W CLARIFY 59564/61637 MSSLM THIS ORDER VAC 55880 MSSLM* FOR 3**-15N-5W EST MSSP, OTHER COMPL. INT. (MSSP) NCT 660' FB</p> <p>*S/B MSMR **S/B 31-15N-5W</p>



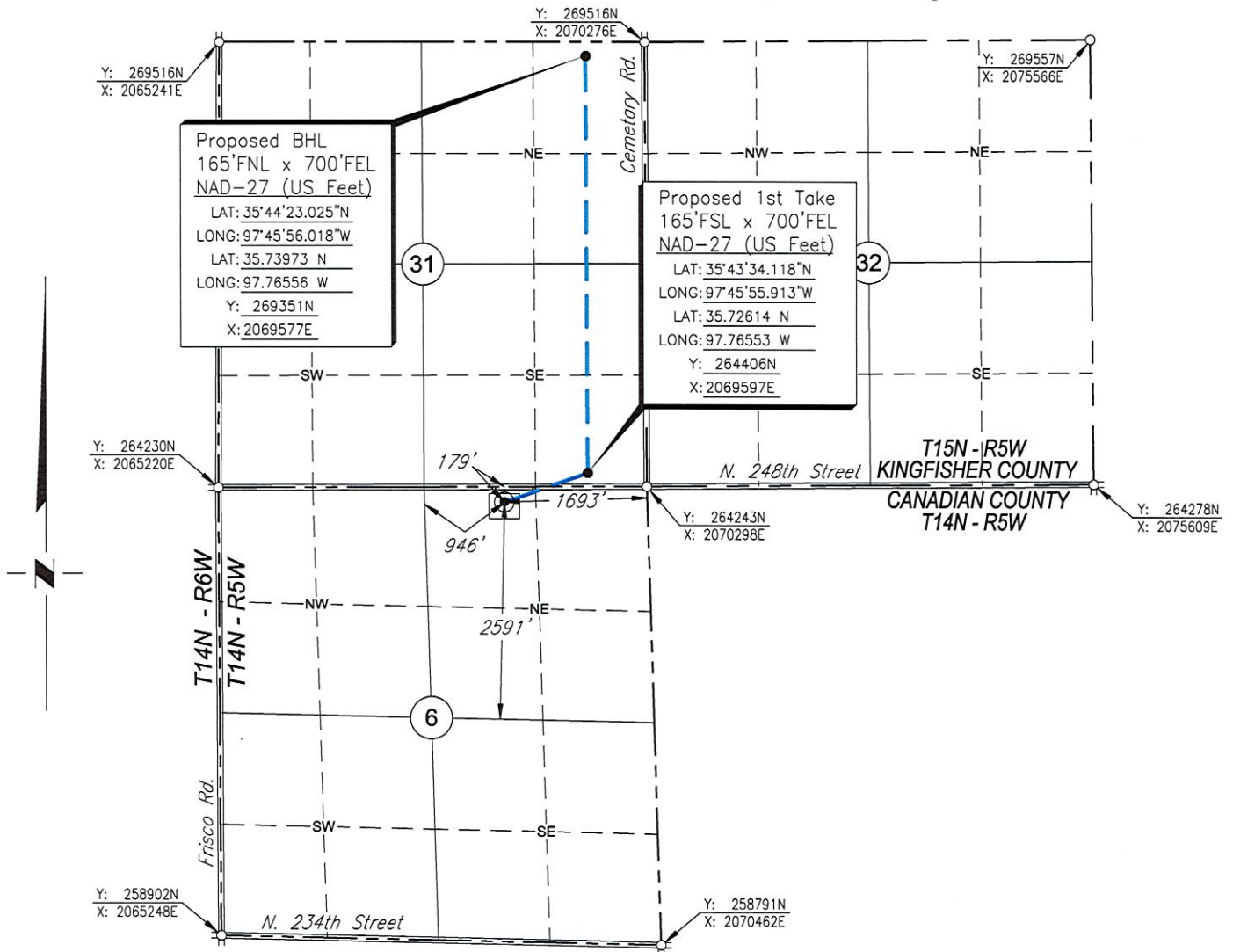
CIMARRON<sup>®</sup>  
SURVEYING & MAPPING CO.  
CA. No. 1780 Expires June 30, 2020

1530 SW 89th STREET, Bldg. C3  
OKLAHOMA City, OK  
(405) 692-7348  
cimsurvey.com

CANADIAN

County, Oklahoma

179'FNL - 1693'FEL Section 6 Township 14N Range 5W I.M.



Scale: 1"= 2000'

Date Staked: November 14, 2019

GPS Observation: Latitude 35°43'30.715" N  
Longitude 97°46'07.899" W  
Latitude 35.72520 N  
Longitude 97.76886 W

State Plane NAD27 Y: 264060N  
Oklahoma North Zone: X:2068610E

Operator: RED BLUFF RESOURCES

Elevation: 1167'

Lease Name: KARSTEN 1505

Well No.: 7-31MH

Topography & Vegetation: Pasture

Alternate Location Stakes Set: No Good Drill Site? Yes

Best Accessibility to Location: From the North Line

Distance & Direction

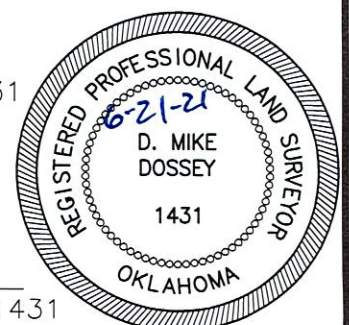
from Hwy Jct or Town: From the town of Piedmont; Thence North approx. 5¾ miles;  
Thence West 1 mile to the NE Corner of Section 6.

SURVEYOR'S CERTIFICATE:

I, D. MIKE DOSSEY, Registered Professional Land Surveyor, No. 1431  
do hereby certify that the above described well location was  
carefully staked on the ground as shown and that all ties and  
distances shown are from existing lines of occupation.

JOB NO.: 190219B	2	NAME CHANGE, MOVED FTP & BHL	06/18/21	T.A.W.
DATE: 11/21/19	1	MOVED FTP & BHL	01/29/21	T.A.W.
DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY

*D. Mike Dossey*  
D. MIKE DOSSEY R.P.L.S. # 1431







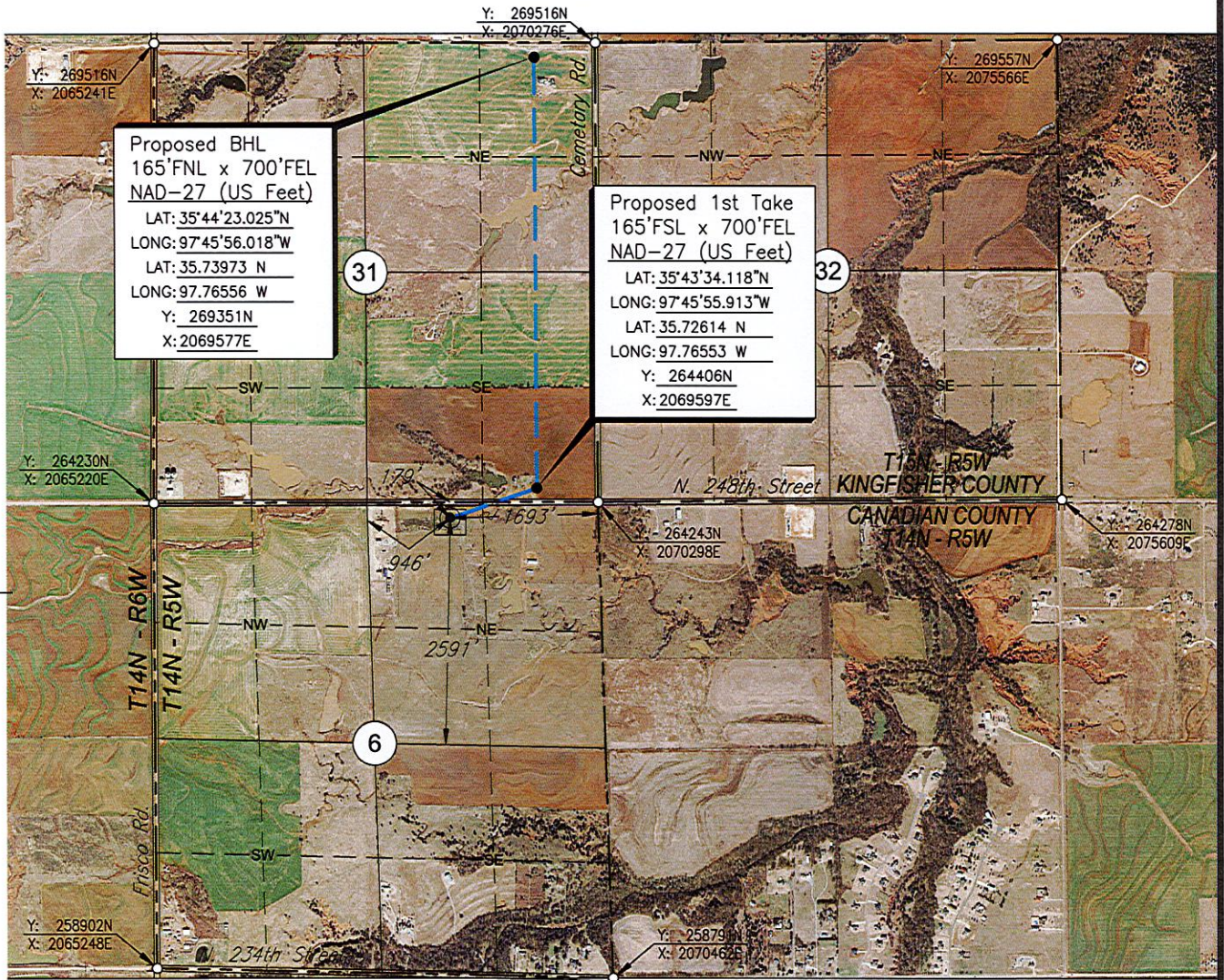
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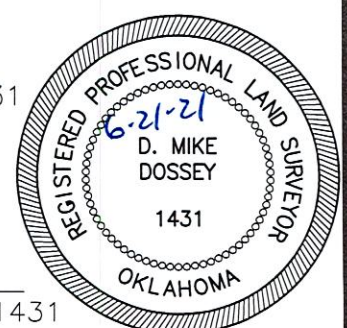
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from Hwy Jct or Town: From the town of Piedmont; Thence North approx. 5¾ miles;  
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D. MIKE DOSSEY R.L.S. # 1431







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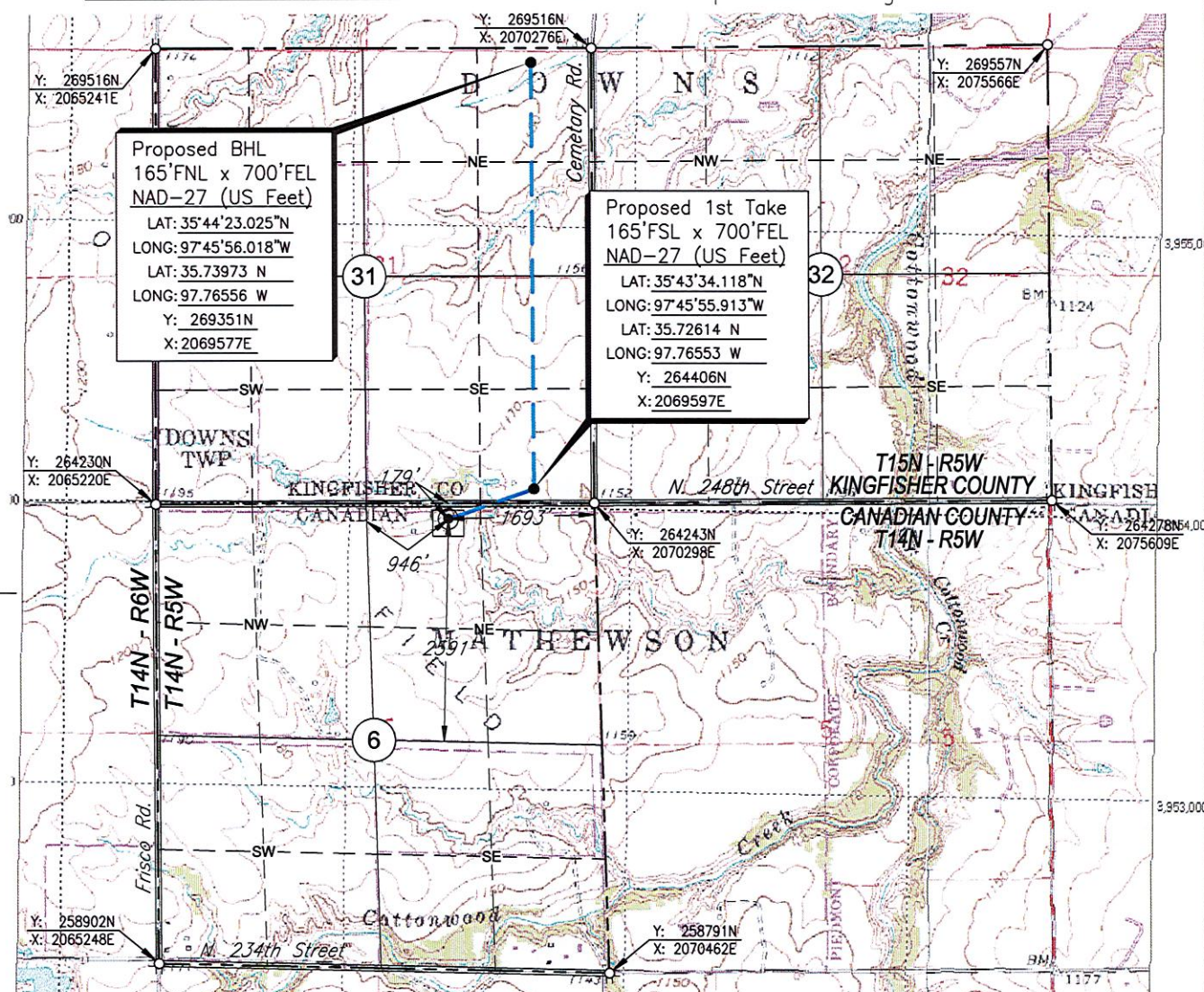
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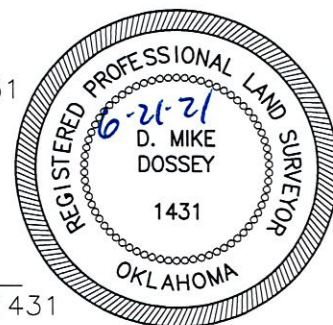
Distance & Direction  
from Hwy Jct or Town: From the town of Piedmont; Thence North approx. 5<sup>3</sup>/<sub>4</sub> miles;  
Thence West 1 mile to the NE Corner of Section 6.

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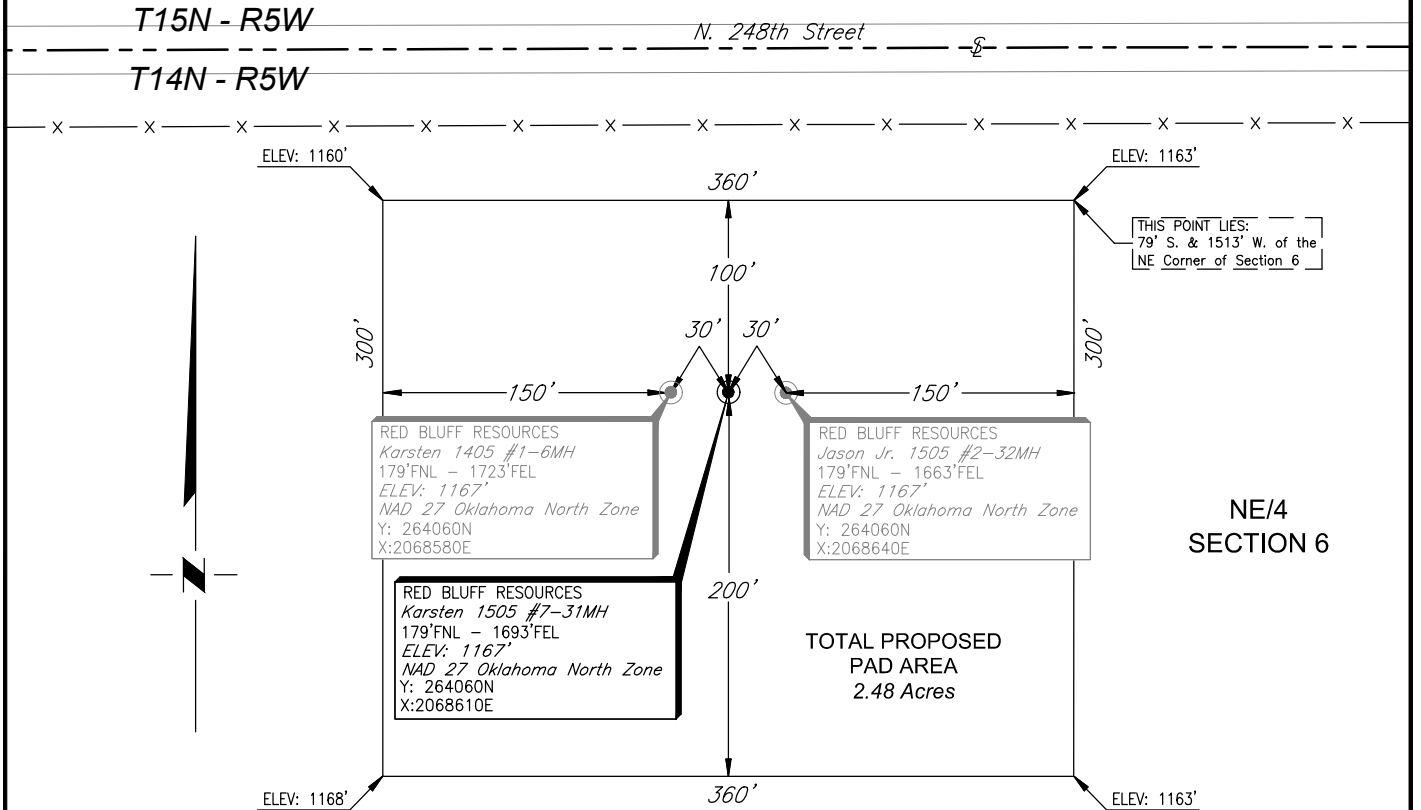
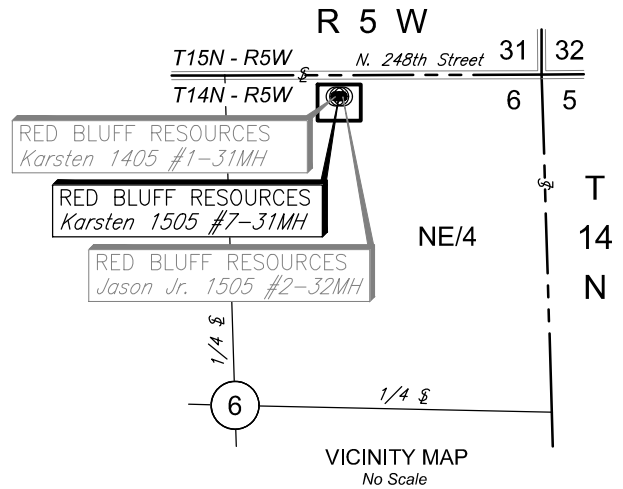
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DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY

*D. Mike Dossey*  
D. MIKE DOSSEY R.P.L.S. # 1431



PLAT SHOWING  
PROPOSED PAD AREA IN THE  
NE/4 OF SECTION 6, T14N - R5W  
CANADIAN COUNTY, OKLAHOMA



NOTES:

- This drawing is for the purpose of depicting a pad area and does not represent a boundary survey.

				RED BLUFF RESOURCES	SCALE:	1"=100'
1	NAME CHANGE	06/18/21	T.A.W.		DATE:	11/25/19
NO.	REVISION	DATE	BY		JOB NO.:	190219
SURVEYED BY: D.D.					DWG. NO.:	190219B_PAD
DRAWN BY: S.R.T.					AFE. NO:	
APPROVED BY: D.M.D.					SHEET	1 OF 1
				 <div><b>CIMARRON.</b> SURVEYING &amp; MAPPING CO. <small>CA No. 1780 Expires June 30, 2020</small></div> <div>1530 SW 89th STREET, Bldg. C3 Oklahoma City, OK (405) 692-7348 www.cimsurvey.com</div>		



R 7 W

R 6 W

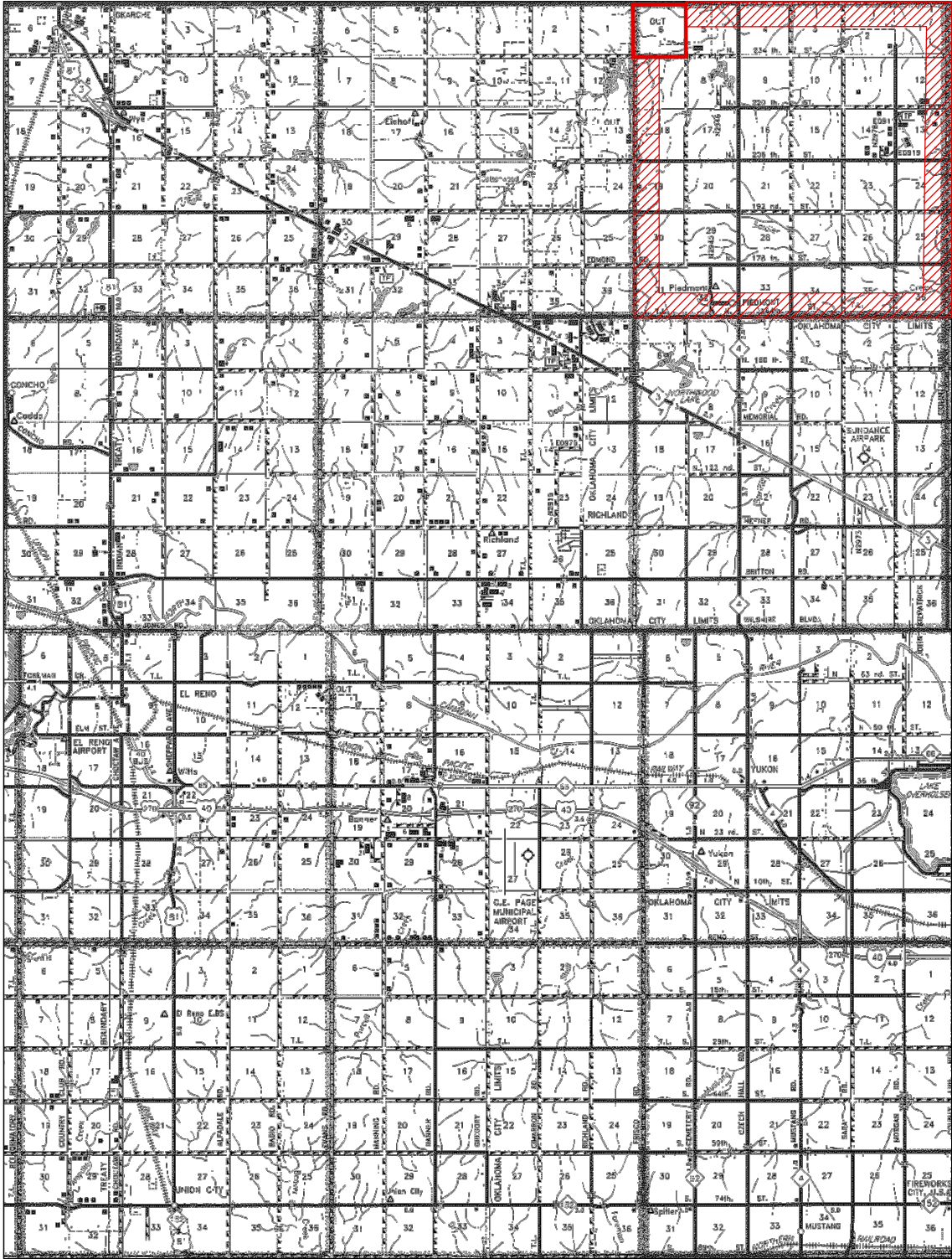
R 5 W

T 14 N

T 13 N

T 12 N

T 11 N



PLAT SHOWING  
VICINITY MAP FOR  
SECTION 6, T14N - R5W  
CANADIAN COUNTY, OKLAHOMA

				RED BLUFF RESOURCES	SCALE:	1" = 3 Miles		
					DATE:	11/21/19		
NO.	REVISION	DATE	BY	 <div>CIMARRON. SURVEYING &amp; MAPPING CO. <small>C.A. No. 1780 Expires June 30, 2020</small></div> <div>1530 SW 89th STREET, Bldg. C3 Oklahoma City, OK (405) 692-7348 www.cimsurvey.com</div>	JOB NO.:	190219		
SURVEYED BY:		D.D.			DWG. NO.:	190219_VMAP		
DRAWN BY:		S.R.T.			AFE. NO:			
APPROVED BY:		D.M.D.				SHEET	1	OF

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