

API NUMBER: 017 25609 A

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

Approval Date: 03/02/2020

Expiration Date: 09/02/2021

Horizontal Hole Oil & Gas

Amend reason: AMEND BHL AND LOCATION EXCEPTION
CAUSE CD**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 1663

Lease Name: JASON JR. 1505

Well No: 1-32MH

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 73112-5447BRADSHAW CATTLE CO., LLC
P.O. BOX 251
PIEDMONT OK 73078

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

Name	Code	Depth
1 MISSISSIPPIAN (LESS CHESTER)	359MSNLC	7300

Spacing Orders: 680862
710481

Location Exception Orders: No Exceptions

Increased Density Orders: 709655
716753

Pending CD Numbers: 202100212

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 12100 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: 20-37264

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: 32 Township: 15N Range: 5W Meridian: IM

Total Length: 4943

County: KINGFISHER

Measured Total Depth: 12100

Spot Location of End Point: NW NE NW NW

True Vertical Depth: 7300

Feet From: **NORTH** 1/4 Section Line: 165Feet From: **WEST** 1/4 Section Line: 805End Point Location from
Lease, Unit, or Property Line: 165**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>2/19/2020 - G71 - 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: OCCEWEB.COM/OG/OGFORMS.HTML; 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 FRACFOCUS.ORG</p>
INCREASED DENSITY - 709655	<p>3/11/2021 - G56 - 32-15N-5W X680862 MSNLC 4 WELLS NO OP NAMED 3/9/2020</p>
INCREASED DENSITY - 716753	[3/11/2021 - G56] - EXTENSION OF TIME FOR ORDER # 709655
PENDING CD - 202100212	<p>[3/11/2021 - G56] - (I.O.) 32-15N-5W X680862 MSNLC COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FWL NO OP NAMED REC 3/9/2021 (MILLER)</p>
SPACING - 680862	<p>2/21/2020 - G56 - (640)(HOR) 32-15N-5W VAC 210929 MSSLM E2 NW4 VAC 59564/61637 MSSLM NE4 VAC 196245 MSSLM S2 EXT 666011 MSNLC, OTHERS POE TO BHL (MSNLC) NLT 660' FB (COEXIST SP. ORDER # 210929 MSSLM W2 NW4)</p>
SPACING - 710481	[3/11/2021 - G56] - NPT CORRECTING ORDER # 680862 TO COEXIST WITH ORDER # 196245 MNNG

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017 25609 JASON JR. 1505 1-32MH



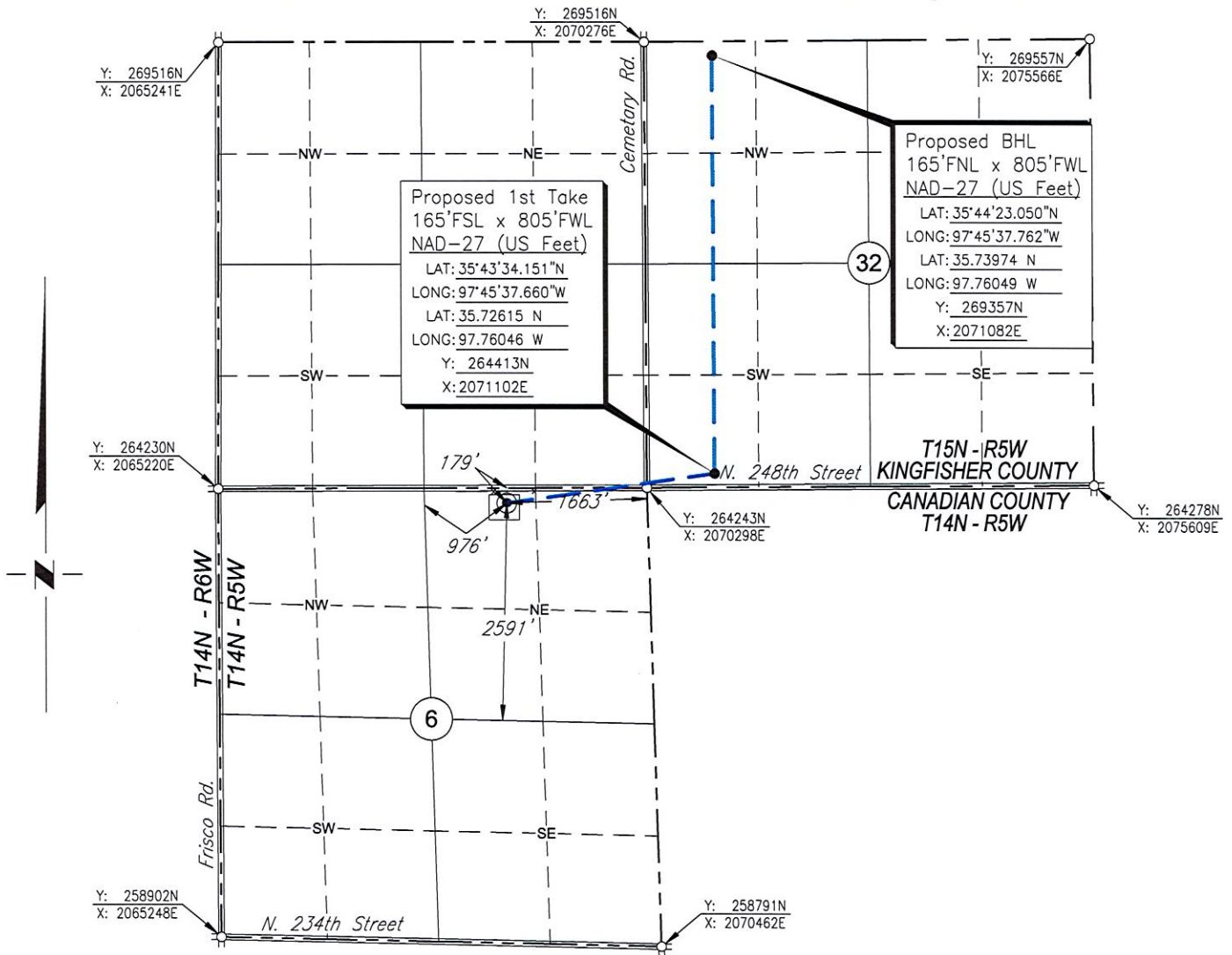
CIMARRON
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires JUNE 30, 2020

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

CANADIAN

County, Oklahoma

179'FNL - 1663'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°46'07.535" W
Latitude 35.72520 N
Longitude 97.76876 W

State Plane NAD27 Y: 264060N
Oklahoma North Zone: X: 2068640E

Operator: RED BLUFF RESOURCES

Elevation: 1167'

Lease Name: JASON JR. 1505

Well No.: 1-32MH

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;

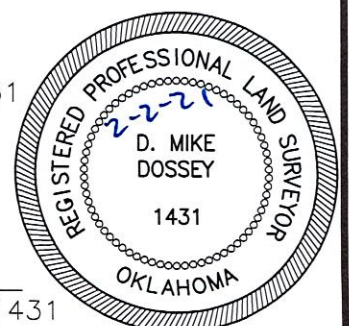
Thence West 1 mile to the NE Corner of Section 6.

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.: 190219C				
DATE: 11/21/19	1	ADDED 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





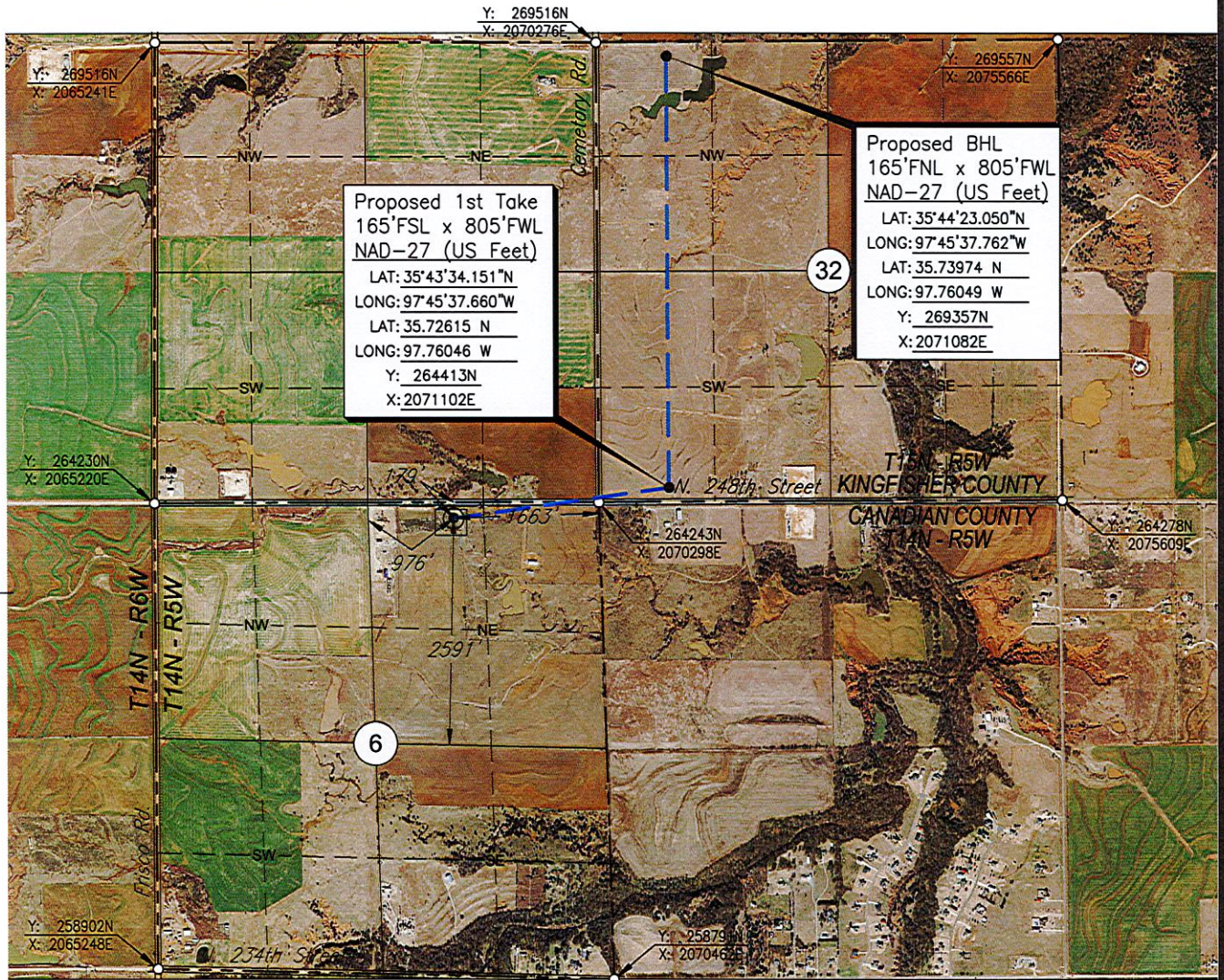
CIMARRON[®]
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires JUNE 30, 2020

1530 SW 89TH STREET, Bldg. C7
OKLAHOMA City, OK
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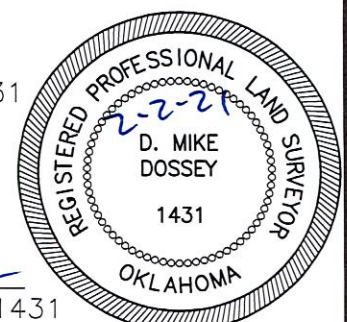
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Distance & Direction

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.

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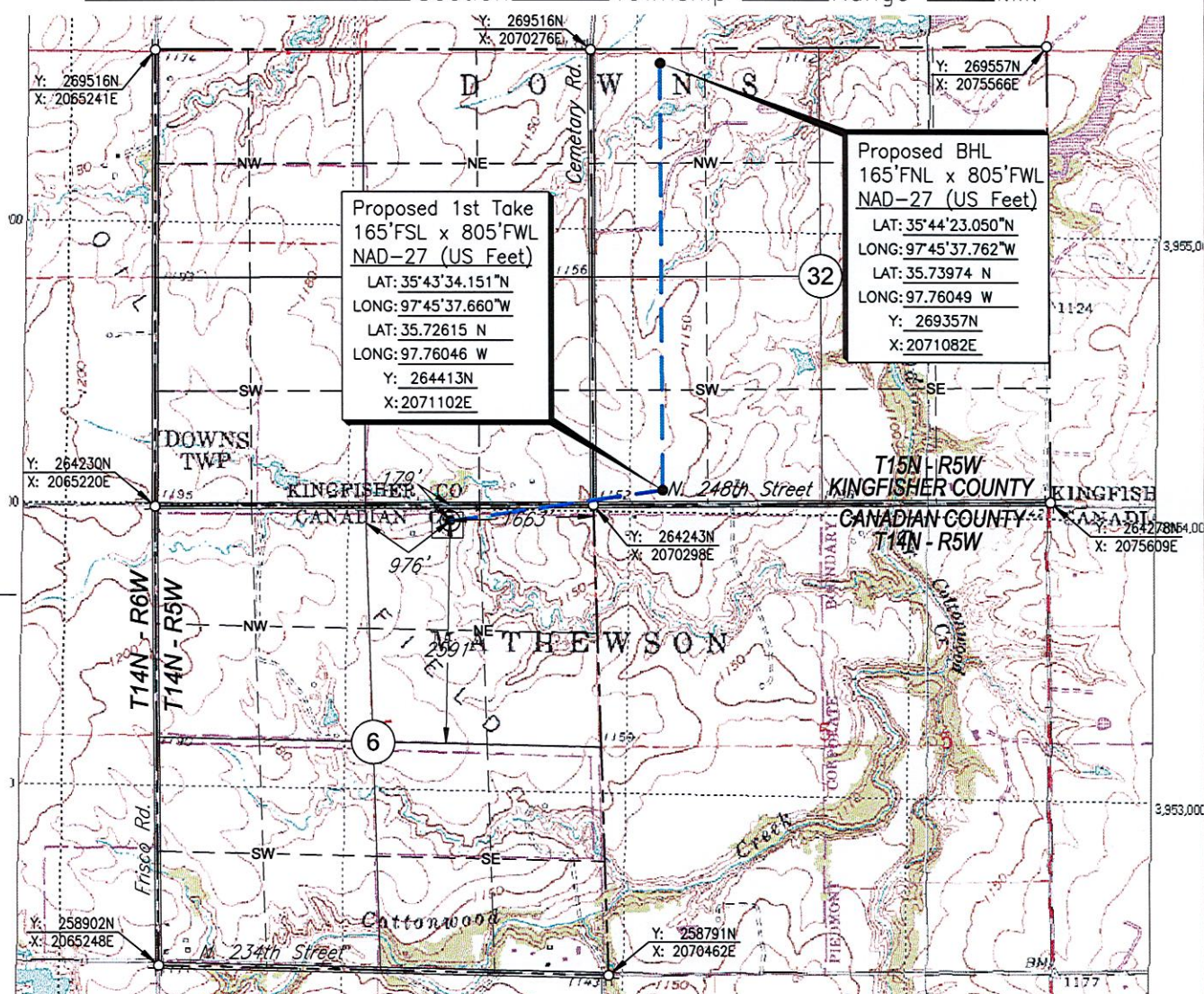
JOB NO.:190219C_AERIAL				
DATE: 11/21/19	1	ADDED FTP & BHL	01/29/21	T.A.W.
DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY

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

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from Hwy Jct or Town: From the town of Piedmont; Thence North approx. $5\frac{3}{4}$ miles;

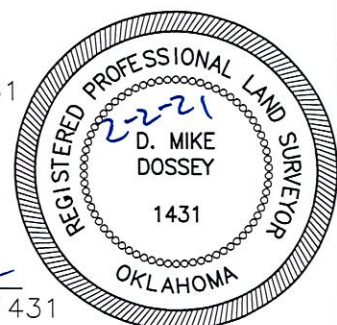
Thence West 1 mile to the NE Corner of Section 6.

SURVEYOR'S CERTIFICATE:

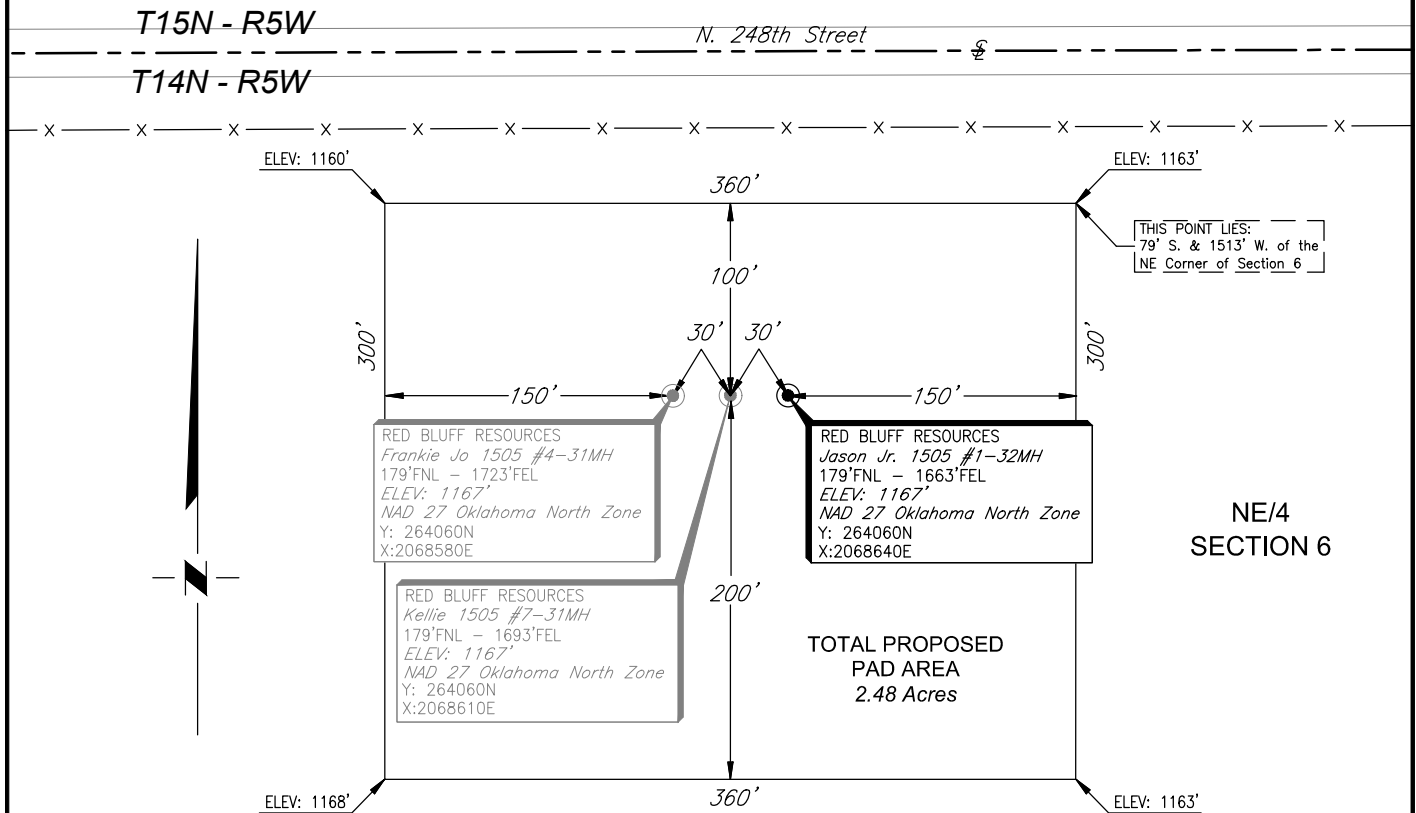
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JOB NO.: 190219C_TOPO				
DATE: 11/21/19	1	ADDED FTP & BHL	01/29/21	T.A.W.
DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY


D. MIKE DOSSEY R.P.L.S. # 1431



VICINITY MAP
No Scale



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

				<div>RED BLUFF RESOURCES</div>	SCALE:	1"=100'		
					DATE:	11/25/19		
NO.	REVISION	DATE	BY		JOB NO.:	190219		
SURVEYED BY: D.D.					DWG. NO.:	190219C_PAD		
DRAWN BY: S.R.T.					AFE. NO:			
APPROVED BY: D.M.D.					SHEET	1	OF	1

R 7 W

R 6 W

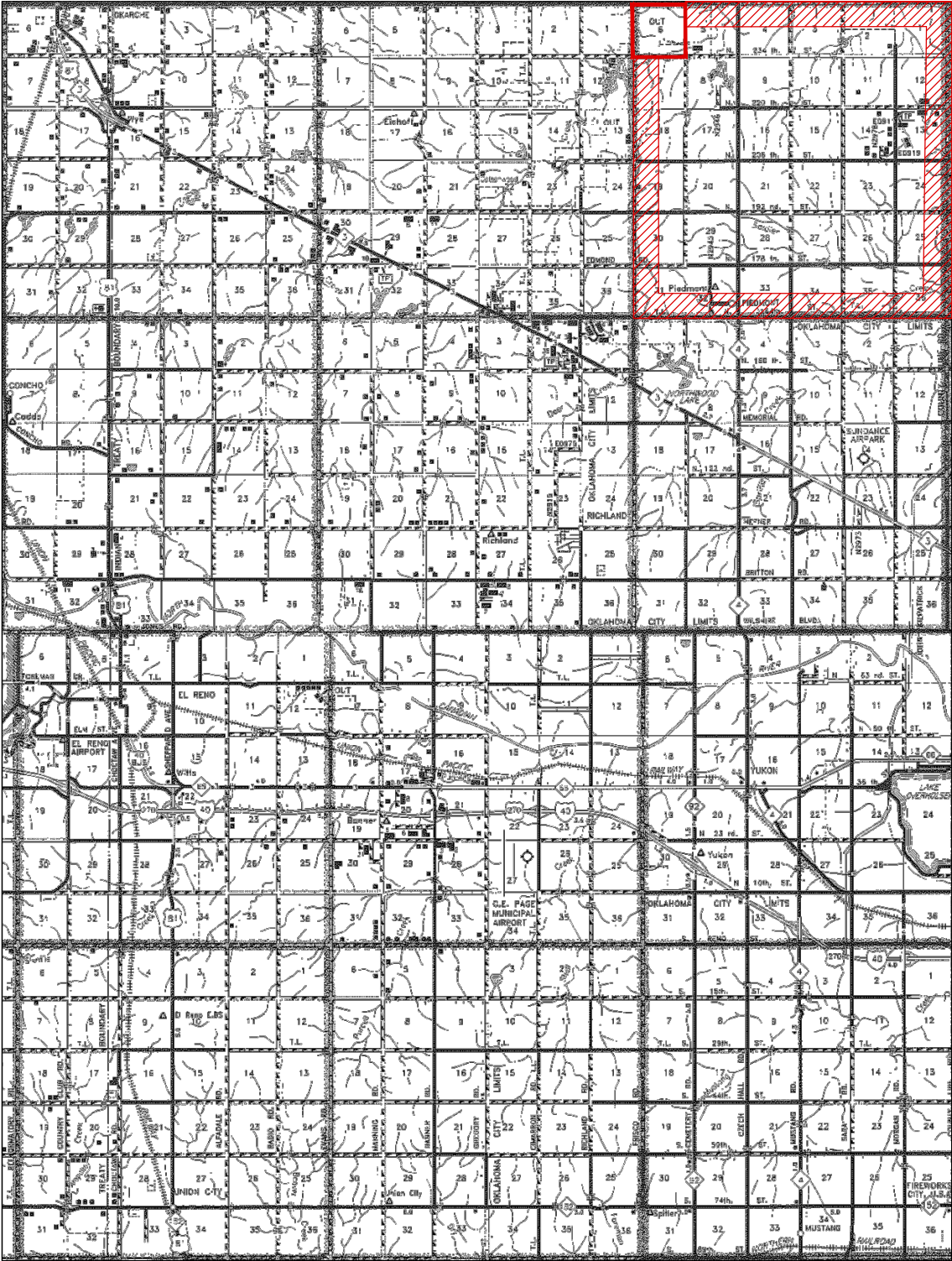
R 5 W

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	 CIMARRON. SURVEYING & MAPPING CO. <small>CA No. 1780 Expires June 30, 2020</small>	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 1			
				1530 SW 89th STREET, Bldg. C3 Oklahoma City, OK (405) 692-7348 www.cimsurvey.com	