

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

API NUMBER: 017 25225

Approval Date: 05/17/2018

Expiration Date: 11/17/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 14N Rge: 5W

County: CANADIAN

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 245 2183

Lease Name: DICKERSON

Well No: 3-3MH

Well will be 245 feet from nearest unit or lease boundary.

Operator Name: RED BLUFF RESOURCES OPERATING LLC

Telephone: 4056058360

OTC/OCC Number: 23828 0

RED BLUFF RESOURCES OPERATING LLC
3030 NW EXPRESSWAY STE 650
OKLAHOMA CITY, OK 73112-5447

STEELE & MELISSA HOAR
2920 MORGAN RD NE
PIEDMONT OK 73078

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7080	6	
2	WOODFORD	7258	7	
3	HUNTON	7345	8	
4			9	
5			10	

Spacing Orders: 631497

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801864

Special Orders:

Total Depth: 12250

Ground Elevation: 1153

Surface Casing: 810

Depth to base of Treatable Water-Bearing FM: 610

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: SALT PLAINS

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

PERMIT NO: 18-34478

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 03 Twp 14N Rge 5W County CANADIAN

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1620

Depth of Deviation: 6600

Radius of Turn: 366

Direction: 360

Total Length: 5076

Measured Total Depth: 12250

True Vertical Depth: 7345

End Point Location from Lease,

Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

5/9/2018 - 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

PENDING CD - 201801864

5/17/2018 - G58 - (I.O.) 3-14N-5W
X631497 MSSP, WDFD, HNTN
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL
NO OP. NAMED
REC 4/9/2018 (DENTON)

SPACING - 631497

5/17/2018 - G58 - (640)(HOR) 3-14N-5W
EST MSSP, WDFD, HNTN
COMPL. INT. (MSSP, HNTN) NLT 660' FB
COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
(COEXIST WITH EXISTING (NON-HORIZONTAL) SPACING)

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

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017 25225 DICKERSON 3-3MH



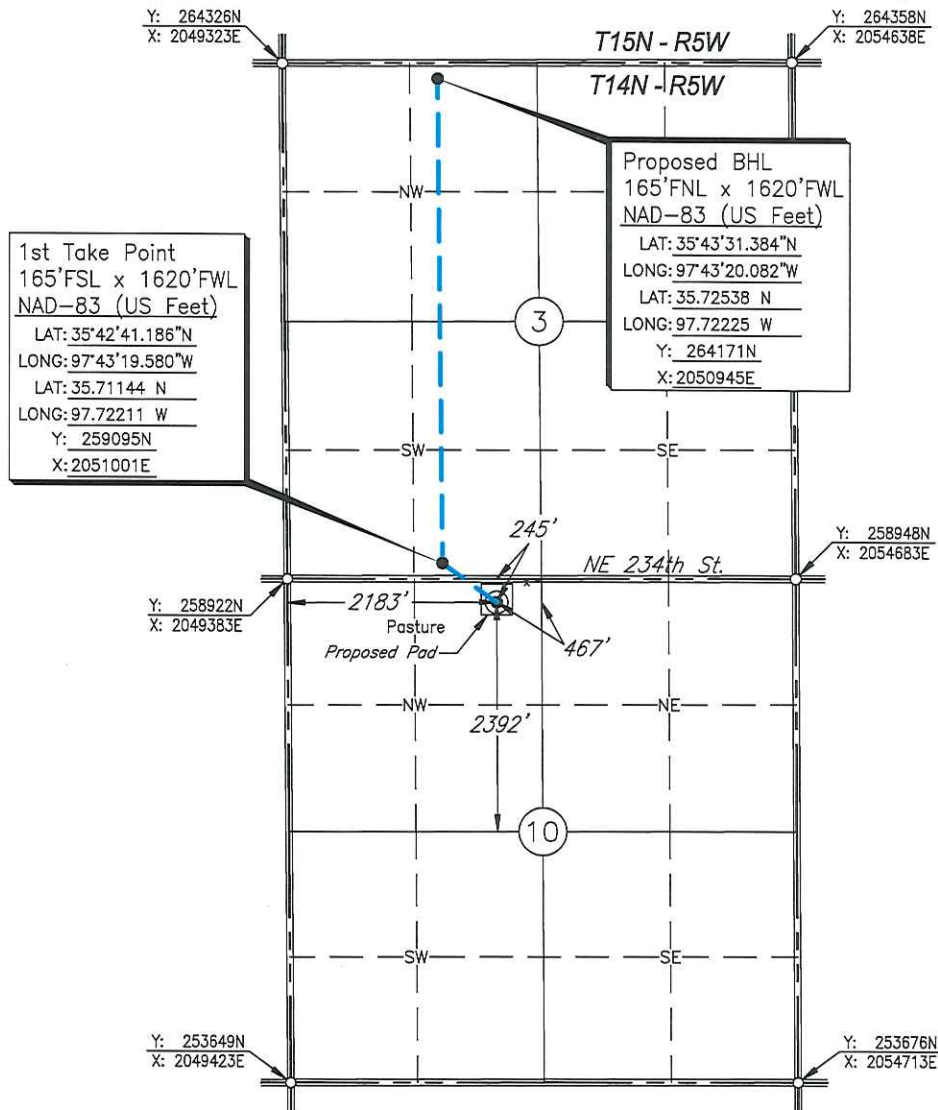
CIMARRON
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires June 30, 2018

1530 SW 89th STREET, Bldg. C3
OKLAHOMA CITY, OK
(405) 692-7348
CIMSURVEY.COM

CANADIAN

County, Oklahoma

245'FNL - 2183'FWL Section 10 Township 14N Range 5W I.M.



Scale: 1" = 2000'

GPS Observation: Latitude 35°42'37.142" N
Longitude 97°43'12.723" W
Latitude 35.71032 N
Longitude 97.72020 W

Date Staked: April 04, 2018

State Plane NAD83 Y: 258688N
Oklahoma North Zone: X:2051568E

Operator: RED BLUFF RESOURCESElevation: 1153'Lease Name: DickersonWell No.: 3-3MHTopography & Vegetation: PastureAlternate Location Stakes Set: NoGood Drill Site? YesBest Accessibility to Location: From the North Line

Distance & Direction

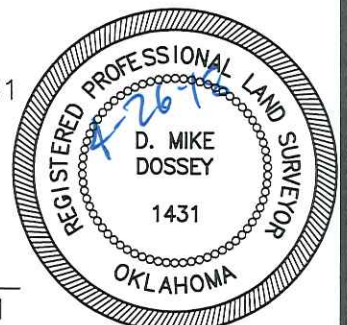
from Hwy Jct or Town: From the town of Piedmont; Thence North approx. 4¾ miles;
Thence East 1 mile to the NW Corner of Section 10.

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.: 180220A				
DATE: 04/24/18				
DRAWN BY: S.R.T.	NO.	REVISION	DATE	BY

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





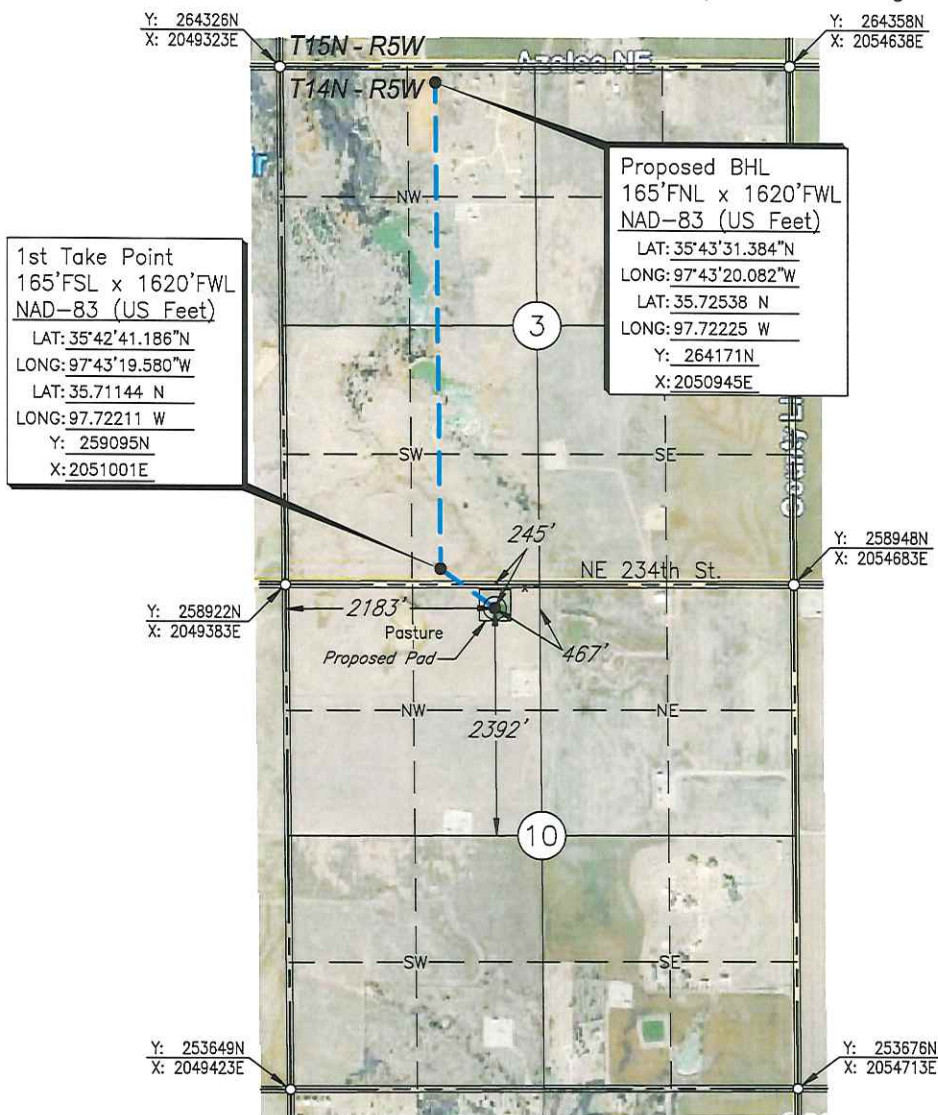
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Oklahoma North Zone: X: 2051568E

Operator: RED BLUFF RESOURCES

Elevation: 1153'

Lease Name: Dickerson

Well No.: 3-3MH

Topography & Vegetation: Pasture

Alternate Location Stakes Set: No

Good Drill Site? Yes

Best Accessibility to Location: From the North Line

Distance & Direction

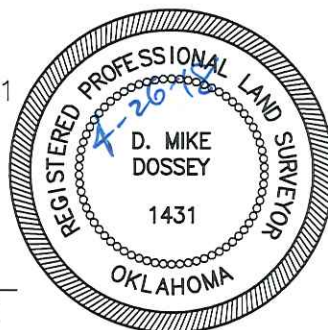
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JOB NO.: 180220A_AERIAL				
DATE: 04/24/18				
DRAWN BY: S.R.T.	NO.	REVISION	DATE	BY

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





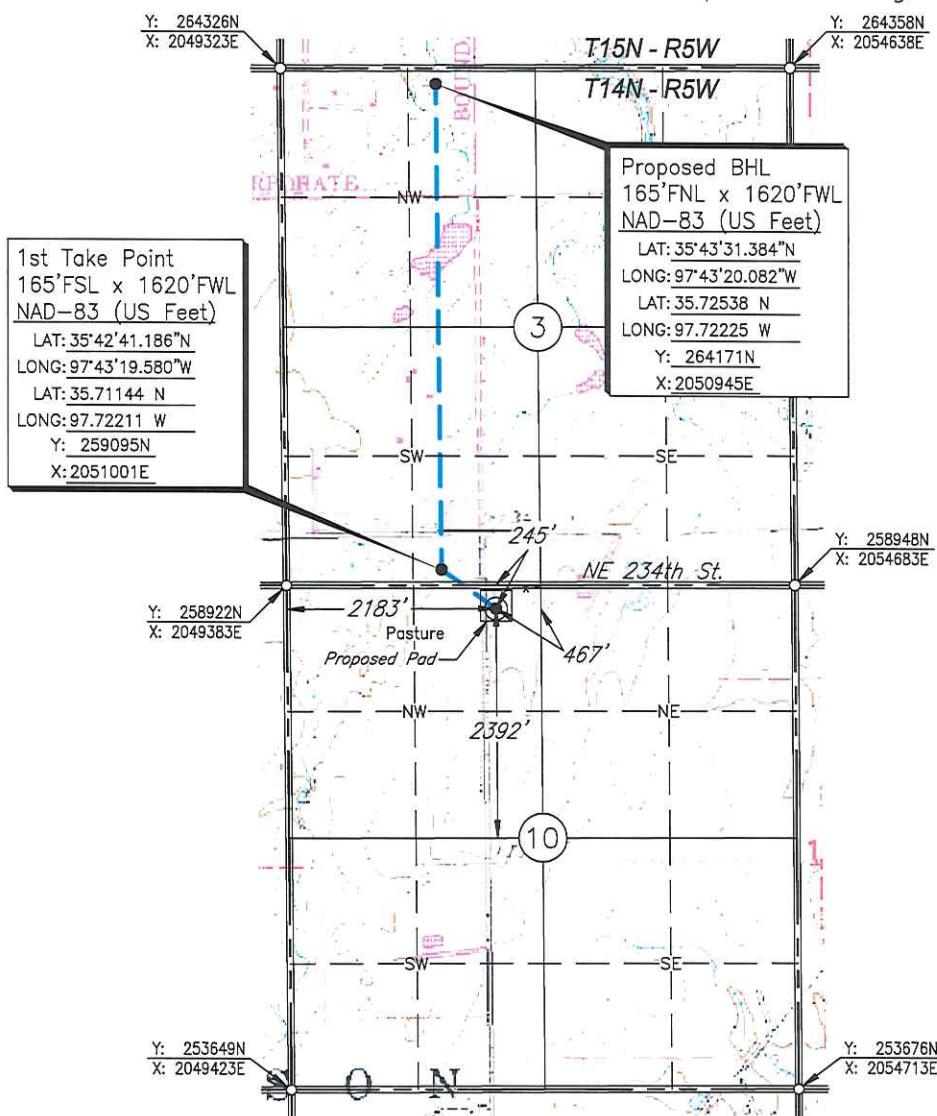
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JOB NO.:180220A_TOPO

DATE: 04/24/18

DRAWN BY: S.R.T.

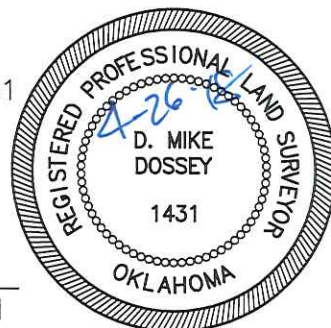
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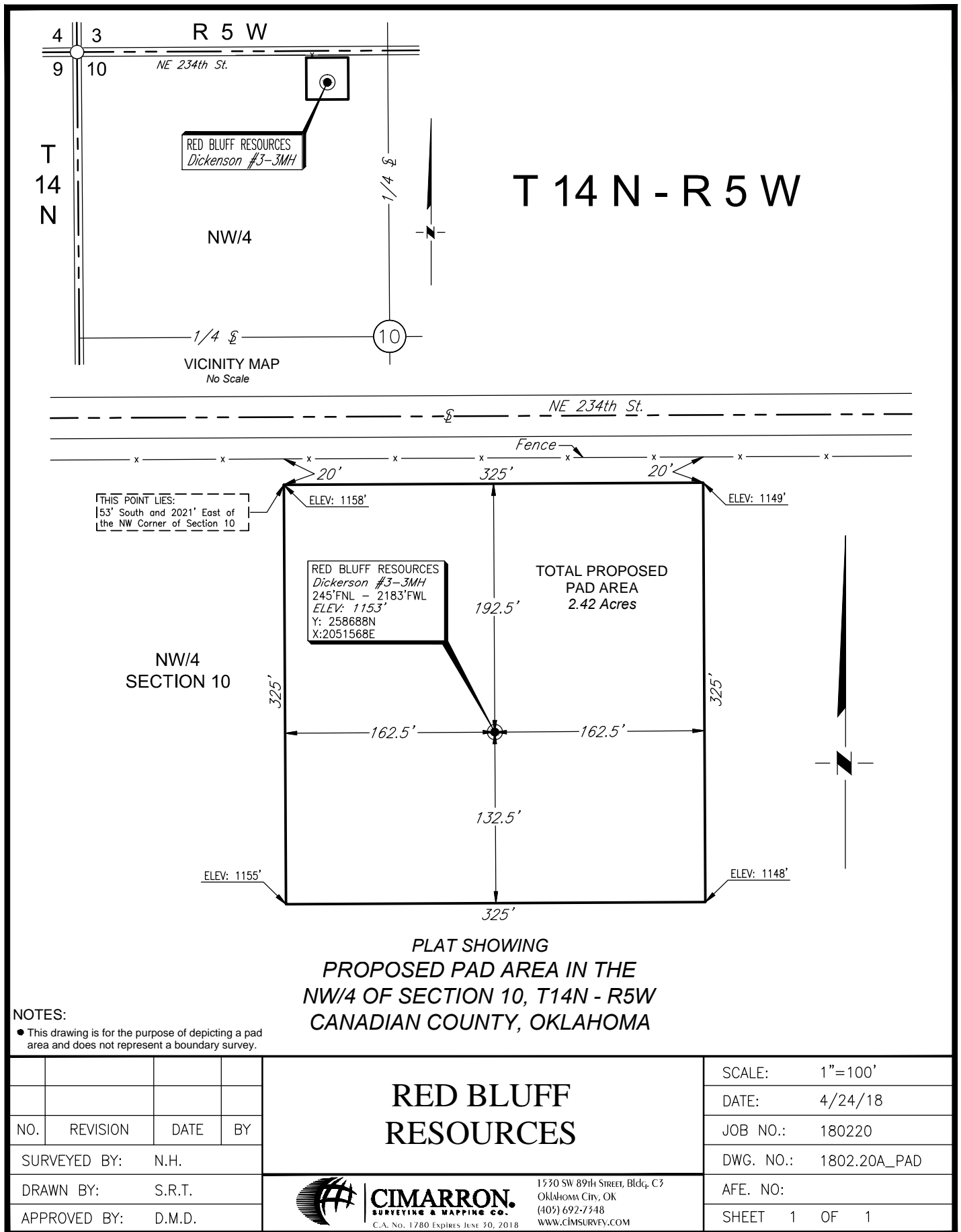
REVISION

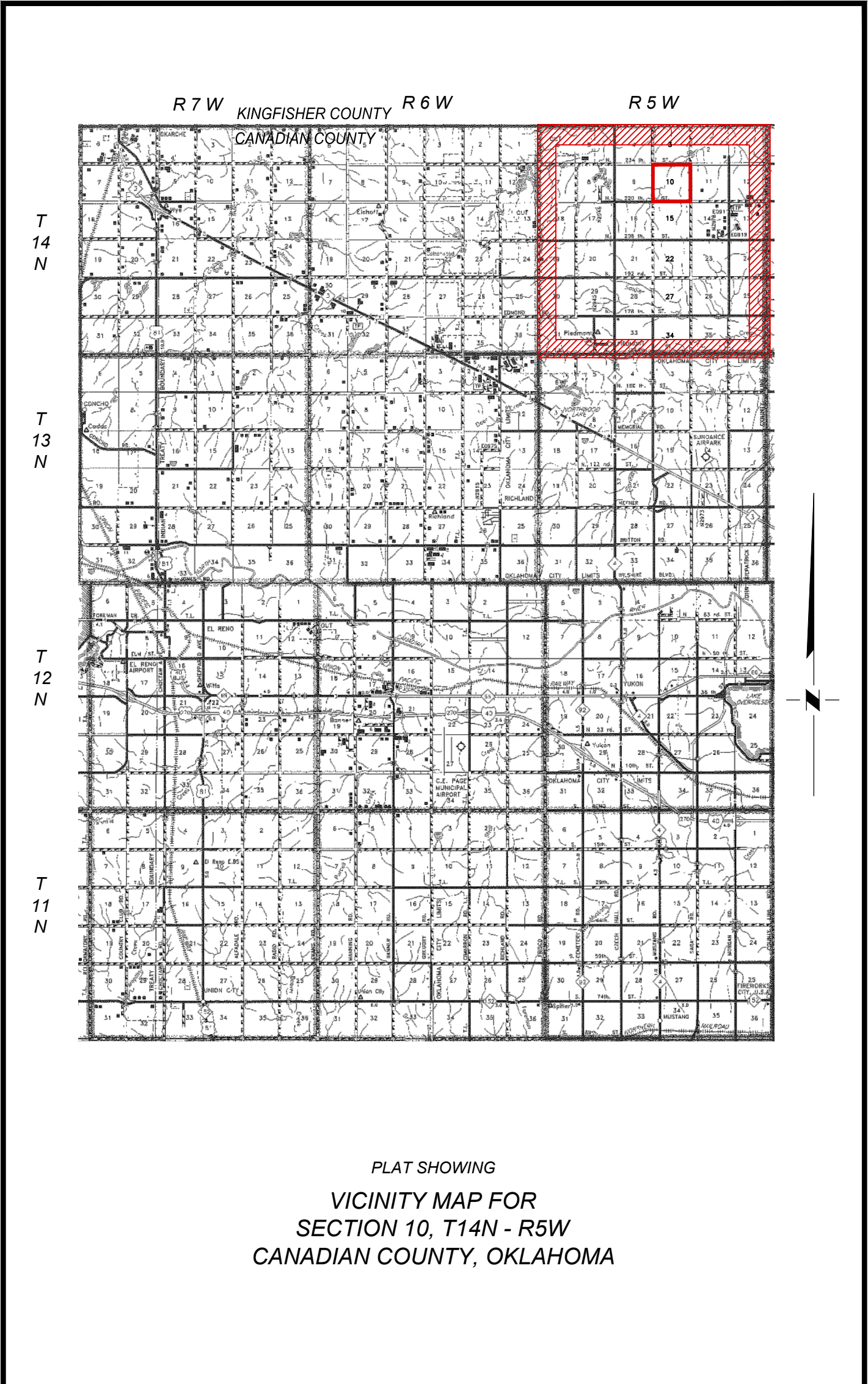
DATE

BY

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







				<div>RED BLUFF RESOURCES</div>	SCALE: 1" = 3 Miles
					DATE: 04/05/18
NO.	REVISION	DATE	BY		JOB NO.: 180220
SURVEYED BY: N.H.					DWG. NO.: 180220A_VMAP
DRAWN BY: S.R.T.					AFE. NO:
APPROVED BY: D.M.D.				<div><div>CIMARRON. SURVEYING & MAPPING CO. <small>CA No. 1780 Expires June 30, 2018</small></div><div>1530 SW 89th STREET, Bldg. C3 Oklahoma City, OK (405) 692-7348 WWW.CIMSURVEY.COM</div></div>	SHEET 1 OF 1