

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

API NUMBER: 093 25163

Approval Date: 09/24/2018

Expiration Date: 03/24/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 22N Rge: 13W County: MAJOR

SPOT LOCATION: S2 N2 N2 NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 456 1320

Lease Name: FRANTZ

Well No: 2-24MH

Well will be 456 feet from nearest unit or lease boundary.

Operator Name: RED BLUFF RESOURCES OPERATING LLC

Telephone: 4052088660

OTC/OCC Number: 23828 0

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

ELMER J FRANTZ TRUST DTD 4/24/98
ROUTE 2, BOX 7
C/O NELSON R FRANTZ
ALINE OK 73716

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

| Name | Depth | Name | Depth |
|-----------------|-------|------|-------|
| 1 MISSISSIPPIAN | 7150 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 682728

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805391

Special Orders:

Total Depth: 12105

Ground Elevation: 1290

Surface Casing: 540

Depth to base of Treatable Water-Bearing FM: 490

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: 10000 Average: 5000

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: FLOWERPOT

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

PERMIT NO: 18-35254

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 24 Twp 22N Rge 13W County MAJOR

Spot Location of End Point: N2 N2 N2 NW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 6435

Radius of Turn: 477

Direction: 360

Total Length: 4921

Measured Total Depth: 12105

True Vertical Depth: 7260

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

Notes:

Category

Description

HYDRAULIC FRACTURING

8/31/2018 - 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 - 201805391

9/24/2018 - G58 - (I.O.) 24-22N-13W

X682728 MSSP

X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELL
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 660' FWL

NO OP. NAMED

REC 8/6/2018 (FOREMAN)

SPACING - 682728

9/24/2018 - G58 - (640)(HOR) 24-22N-13W

EST MSSP

POE TO BHL NCT 660' FB

(COEXIST SP. ORDER 80473 MNNG, CSTR, MPMC, OSGE; SP. ORDER 92501/96816 MSSSD)

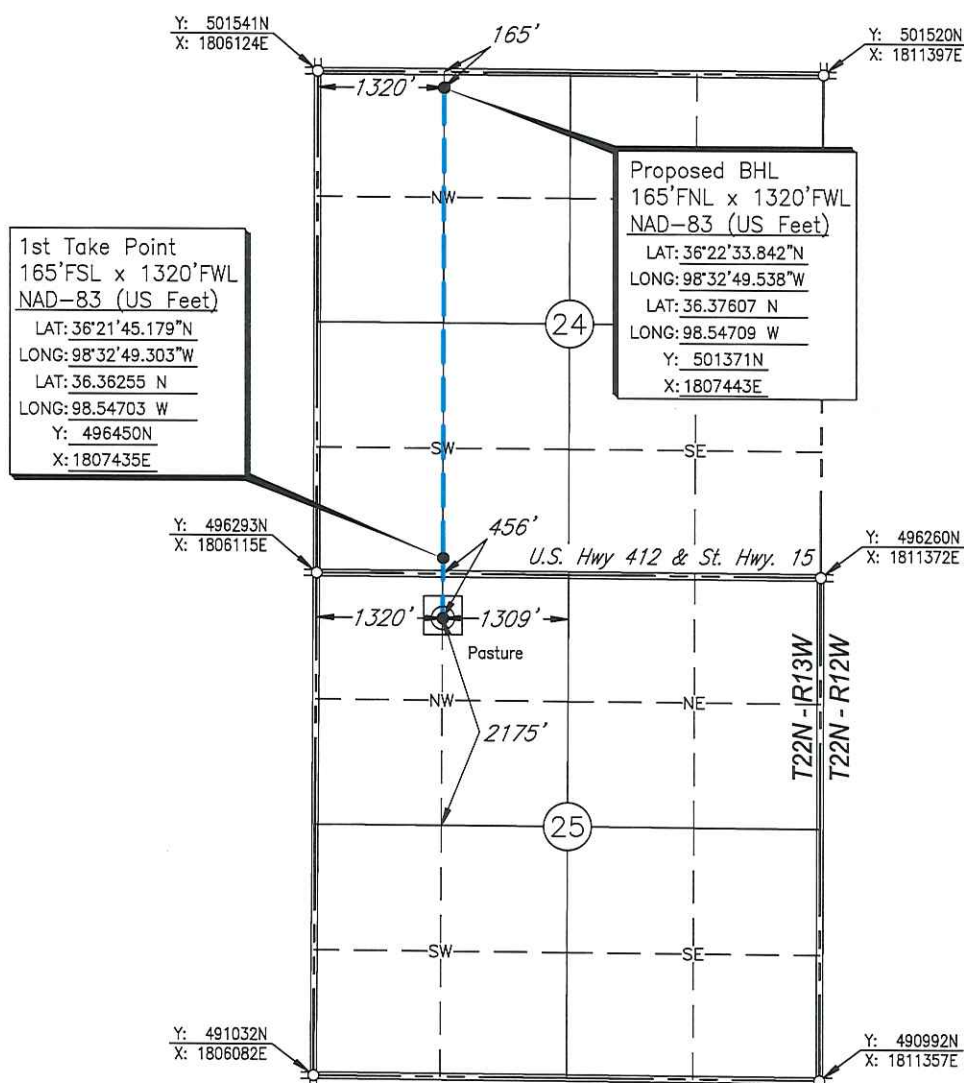


CIMARRON
SURVEYING & MAPPING CO.

C.A. No. 1780 Expires JUNE 30, 2018

1530 SW 89TH STREET, Bldg. C3
OKLAHOMA City, OK
(405) 692-7348
WWW.CIMSURVEY.COM

MAJOR _____ County, Oklahoma
456'FNL - 1320'FWL Section 25 Township 22N Range 13W I.M.



Scale: 1" = 2000'

GPS Observation: Latitude 36°21'39.038" N
Longitude 98°32'49.299" W
Latitude 36.36084 N
Longitude 98.54703 W

Date Staked: April 26, 2018

State Plane NAD83 Y: 495829N
Oklahoma North Zone: X:1807432E

Operator: RED BLUFF RESOURCES

Elevation: 1290'

Lease Name: Frantz

Well No.: 2-24MH

Topography & Vegetation: Pasture

Alternate Location Stakes Set: No

Good Drill Site? Yes

Best Accessibility to Location: From the North Line

Distance & Direction

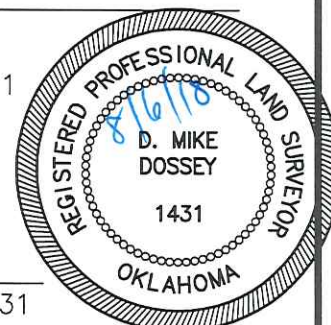
from Hwy Jct or Town: From the town of Fairview; Thence north along U.S. 60, approx.
6 1/2 miles; Thence west approx. 4 1/2 miles to the Northwest Corner of Section 25.

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.: 180223A | | | | |
| DATE: 05/17/18 | 1 | ADDED BHL | 05/24/18 | N.J.S. |
| DRAWN BY: N.J.S. | NO. | REVISION | DATE | BY |

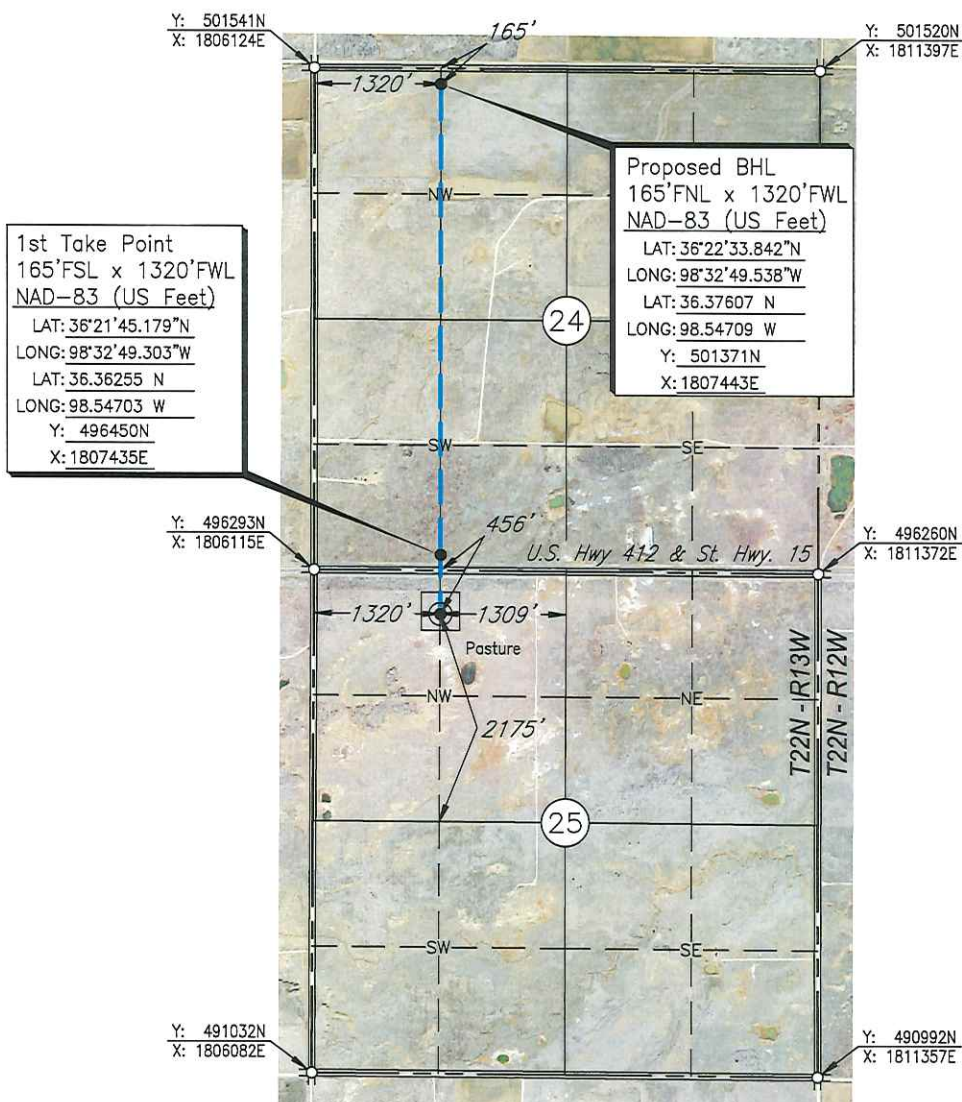
D. MIKE DOSSEY R.P.L.S. # 1431



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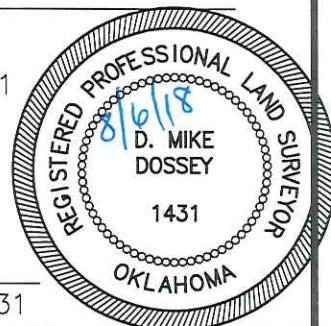
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| DATE: 05/17/18 | 1 | ADDED BHL | 05/24/18 | N.J.S. |
| DRAWN BY: N.J.S. | NO. | REVISION | DATE | BY |

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





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SURVEYING & MAPPING CO.

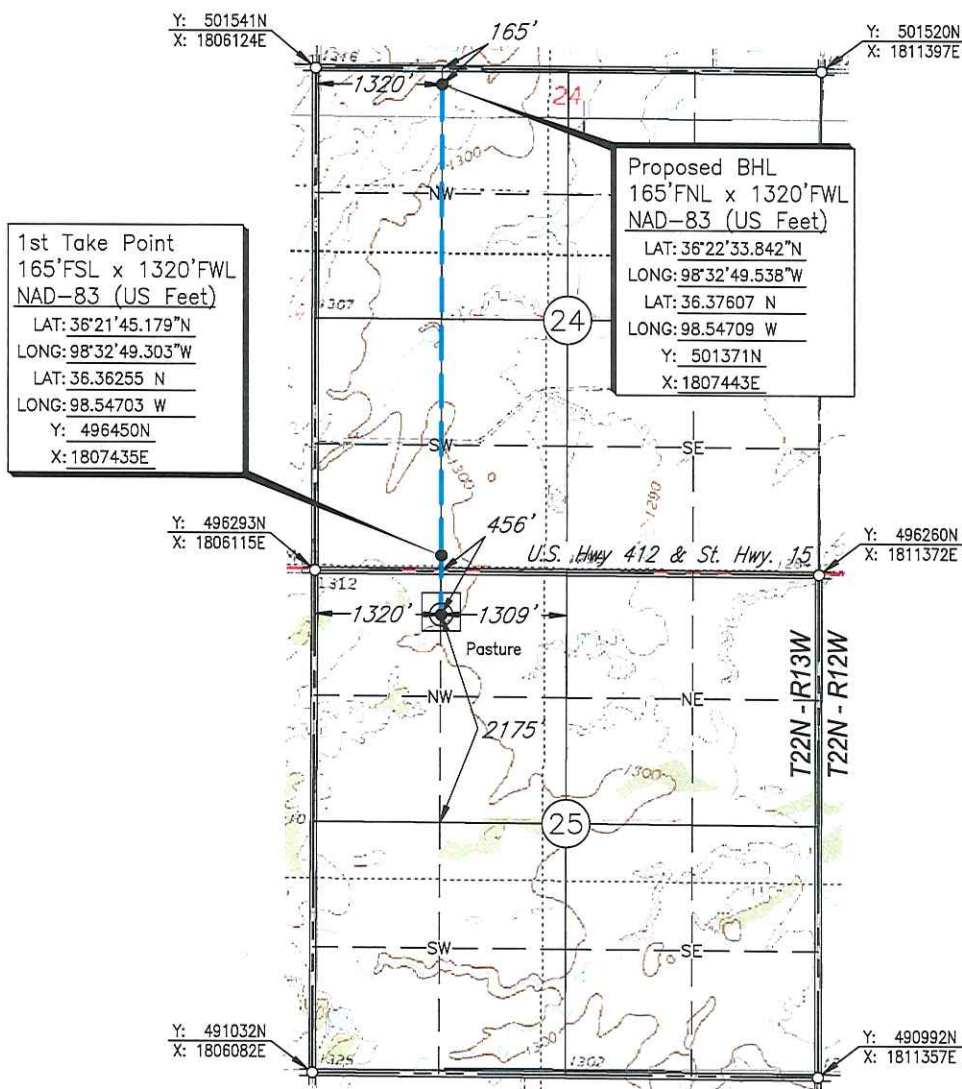
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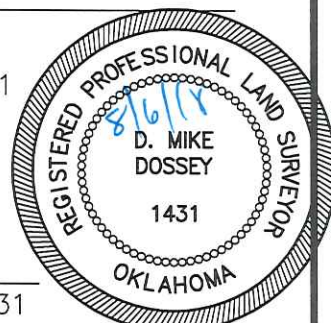
SURVEYOR'S CERTIFICATE:

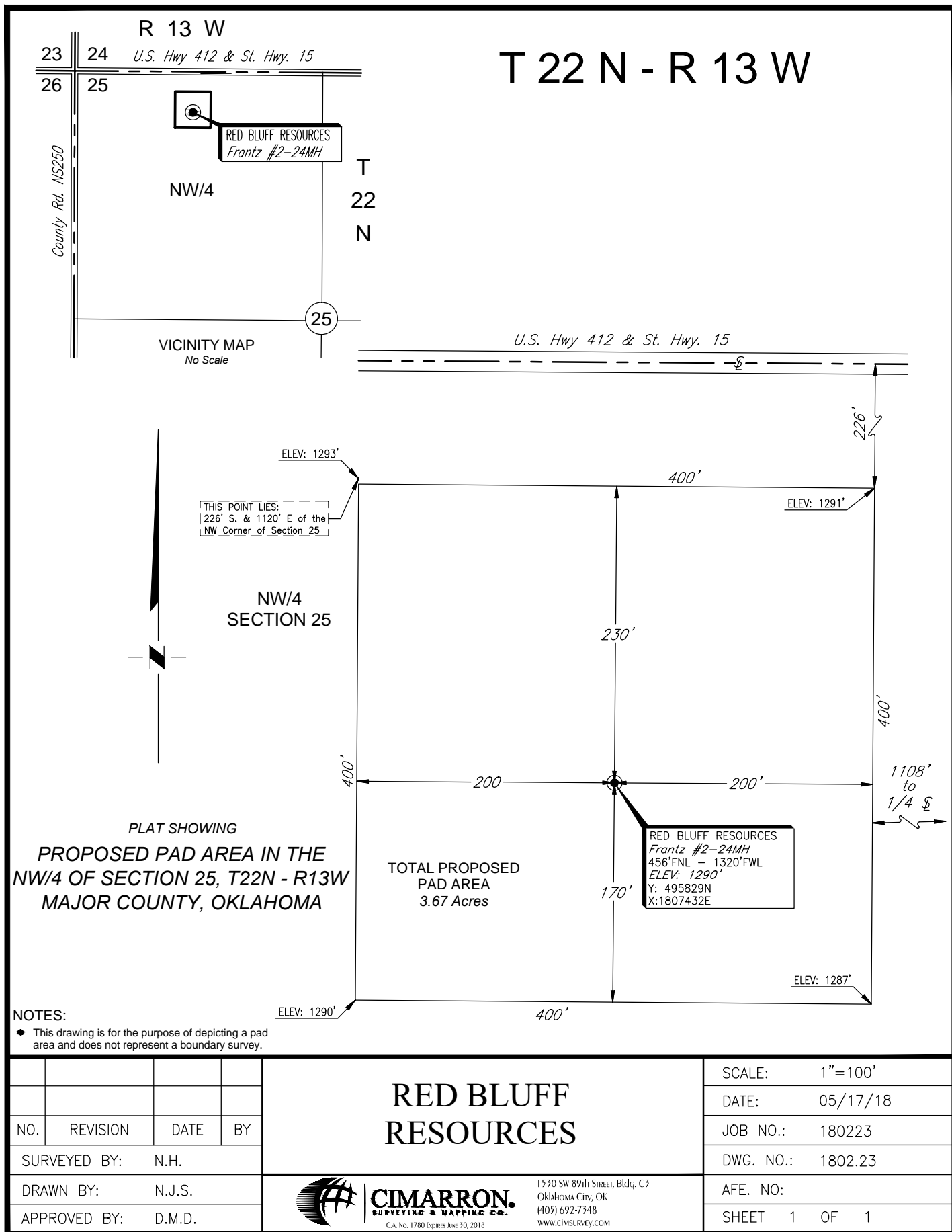
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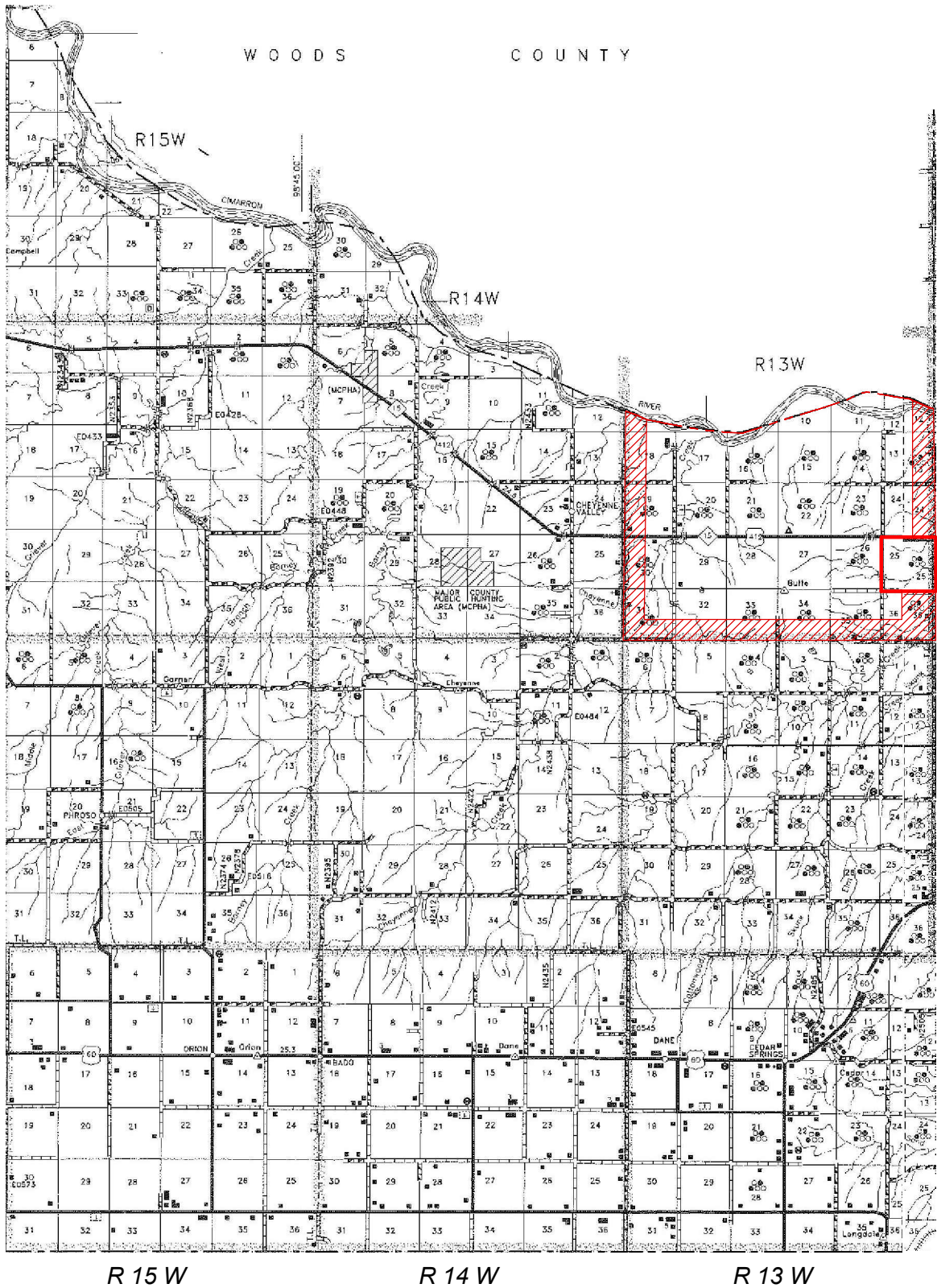
| | | | | |
|-----------------------|-----|-----------|----------|--------|
| JOB NO.: 180223A_TOPO | | | | |
| DATE: 05/17/18 | 1 | ADDED BHL | 05/24/18 | N.J.S. |
| DRAWN BY: N.J.S. | NO. | REVISION | DATE | BY |

[Signature]

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







PLAT SHOWING
VICINITY MAP FOR
SECTION 25, T22N - R13W
MAJOR COUNTY, OKLAHOMA

| | | | | | | | | |
|---------------------|----------|------|----|--|-----------|--------------|----|---|
| | | | | <div>RED BLUFF RESOURCES</div> | SCALE: | 1" = 3 Miles | | |
| | | | | | DATE: | 05/17/18 | | |
| NO. | REVISION | DATE | BY | | JOB NO.: | 180223 | | |
| SURVEYED BY: N.H. | | | | | DWG. NO.: | 1802.23_VMAP | | |
| DRAWN BY: N.J.S. | | | | | AFE. NO: | | | |
| APPROVED BY: D.M.D. | | | | <div><div>CIMARRON. SURVEYING & MAPPING CO. C.A. No. 1780 Expires June 30, 2018</div><div>1530 SW 89th Street, Bldg. C3 Oklahoma City, OK (405) 692-7348 www.cimsurvey.com</div></div> | SHEET | 1 | OF | 1 |