

API NUMBER: 093 25255

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

Approval Date: 06/16/2021
Expiration Date: 06/23/2021

Directional Hole Oil & Gas

PERMIT TO DRILL

Temporary

WELL LOCATION: Section: 05 Township: 21N Range: 14W County: MAJOR

SPOT LOCATION: C SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 660 660

Lease Name: CHEVAL Well No: 12-3 Well will be 660 feet from nearest unit or lease boundary.
Operator Name: KIRKPATRICK OIL COMPANY INC Telephone: 4058402882 OTC/OCC Number: 19792 0

KIRKPATRICK OIL COMPANY INC
1001 W WILSHIRE BLVD STE 202
OKLAHOMA CITY, OK 73116-7017

ROLAND E SODOWSKY
307 WEST JEFFERSON
PITTSBURG KS 66762

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

Name	Code	Depth
1 CHEROKEE	404CHRK	7000

Spacing Orders: 64660

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202101121

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 7300 Ground Elevation: 1502

Surface Casing: 570

Depth to base of Treatable Water-Bearing FM: 520

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: 21-37637
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: 8000 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

DIRECTIONAL HOLE 1

Section: 5 Township: 21N Range: 14W Meridian: IM

County: MAJOR

Measured Total Depth: 7300

Spot Location of End Point: SW NE SW SE

True Vertical Depth: 7216

Feet From: SOUTH 1/4 Section Line: 900

End Point Location from

Feet From: EAST 1/4 Section Line: 1660

Lease, Unit, or Property Line: 900

NOTES:

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 5 Business Days, 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>[6/16/2021 - 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: 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>
PENDING CD - 202101121	<p>[6/16/2021 - GB6] - (E.O.) 5-21N-14W CONFIRM 64660 CHRK VAC 208725 RDFK, INOL 5-21N-14W HEARING SCHEDULED 06/18/2021</p>
SPACING - 64660	<p>[6/16/2021 - GB6] - (UNIT) LOTS 1, 2, S2 NE4, SE4, S2 SW4, NE4 SW4, SE4 NW4 5-21N-14W EST CHEVAL UNIT FOR THE CHRK</p>
TEMPORARY AUTHORIZATION TO DRILL	<p>[6/16/2021 - GB1] - APPROVED PER TECHNICAL REVIEW COORDINATOR BOB MCCOY; ISSUED 06/16/2021; EXPIRES 06/23/2021</p>



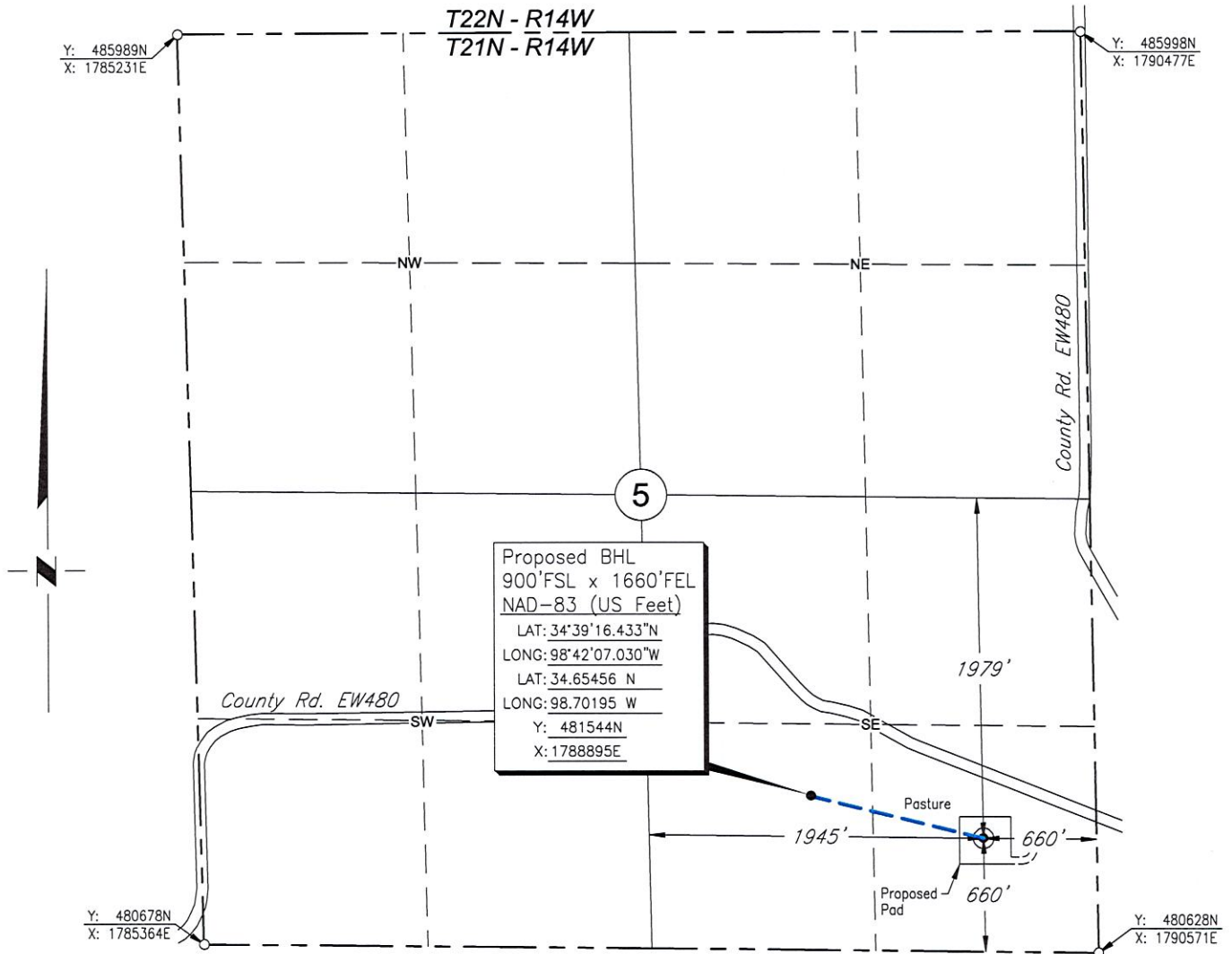
CIMARRON[®]
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires June 30, 2022

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

MAJOR

County, Oklahoma

660'FSL - 660'FEL Section 5 Township 21N Range 14W I.M.



Scale: 1" = 1000'

Date Staked: March 25, 2021

GPS Observation: Latitude 34°39'14.033" N
Longitude 98°41'54.986" W
Latitude 34.65390 N
Longitude 98.69861 W

State Plane NAD27 Y: 481295N
Oklahoma North Zone: X:1789899E

Operator: KIRKPATRICK OIL COMPANY, INC.

Elevation: 1502'

Lease Name: CHEVAL

Well No.: 12-3

Topography & Vegetation: Pasture

Alternate Location Stakes Set: No

Good Drill Site? No

Best Accessibility to Location: From county road in SE/4 of Section.

Distance & Direction

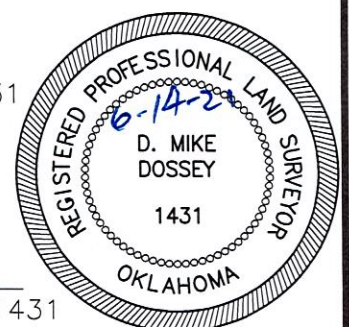
from Hwy Jct or Town: From the town of Cheyenne Valley; Thence south approx. 3½ miles; Thence west approx. 3 miles to the east line of Section 5.

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.: 211449				
DATE: 03/30/21				
DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY

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





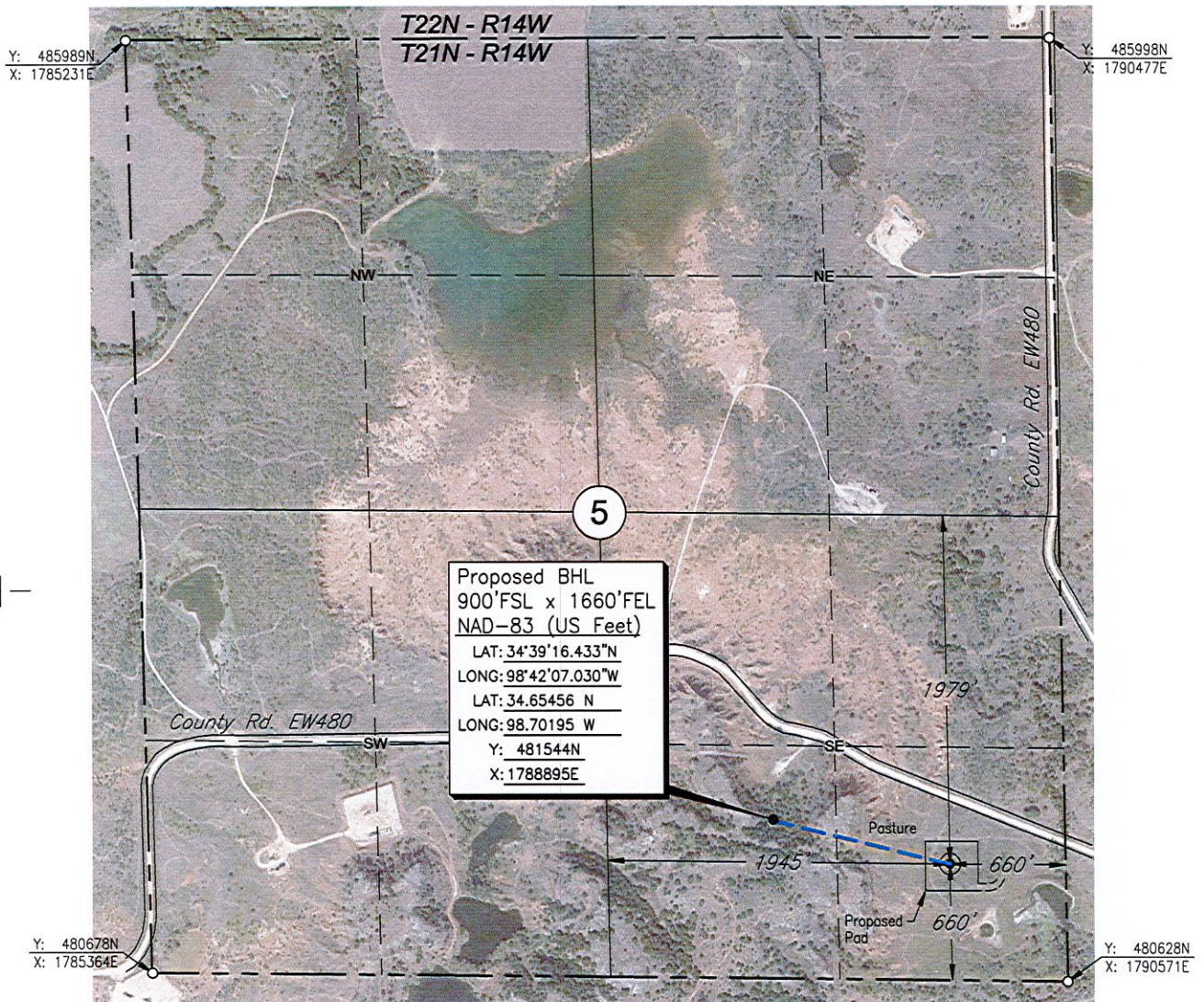
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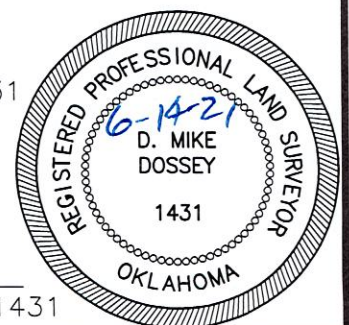
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JOB NO.: 211449_AERIAL				
DATE: 03/30/21				
DRAWN BY: T.A.W.	NO.	REVISION	DATE	BY

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





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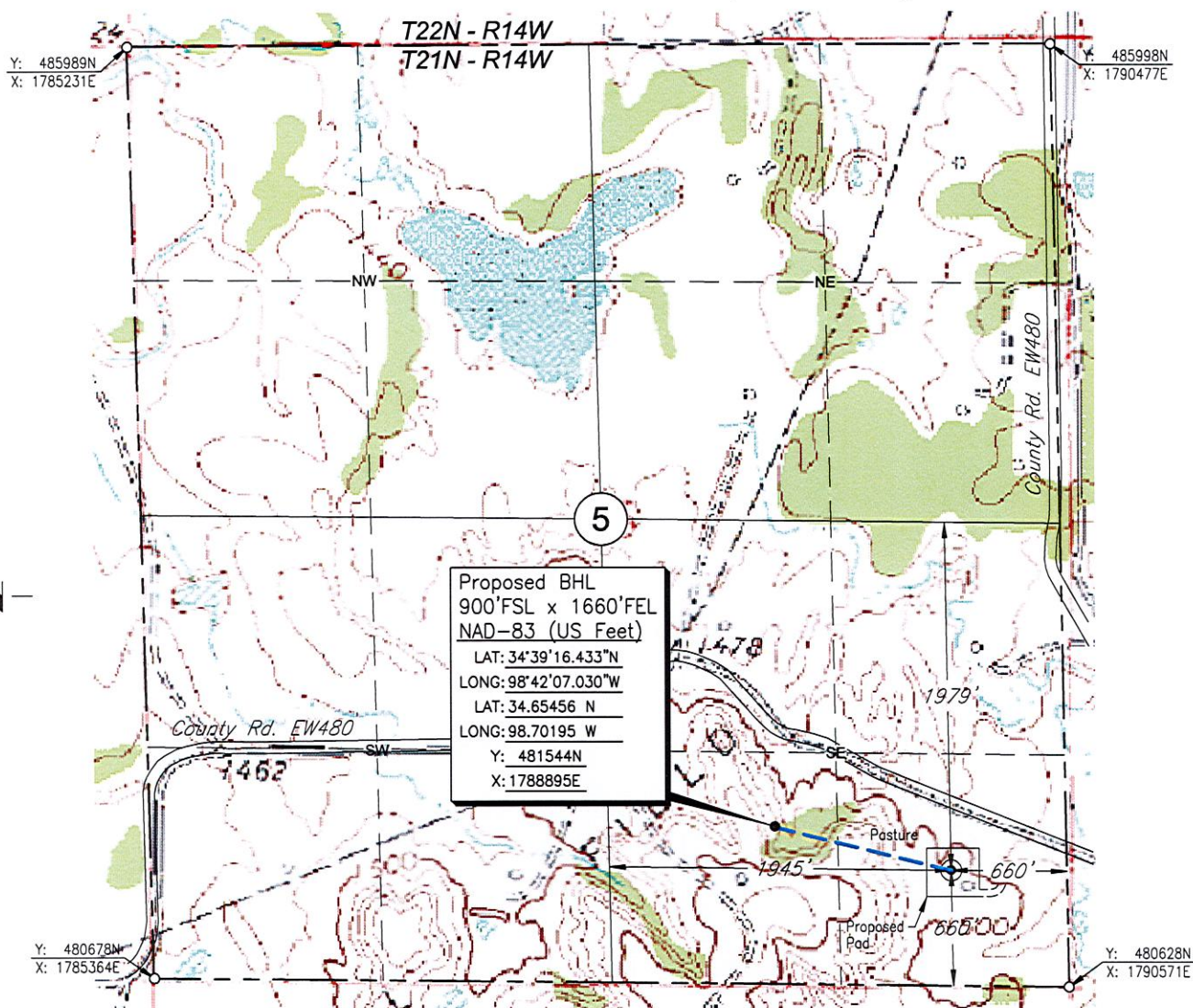
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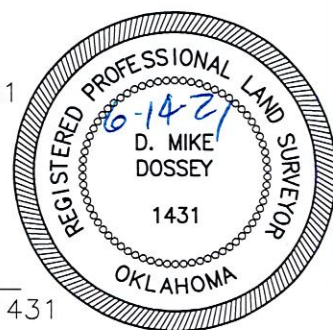
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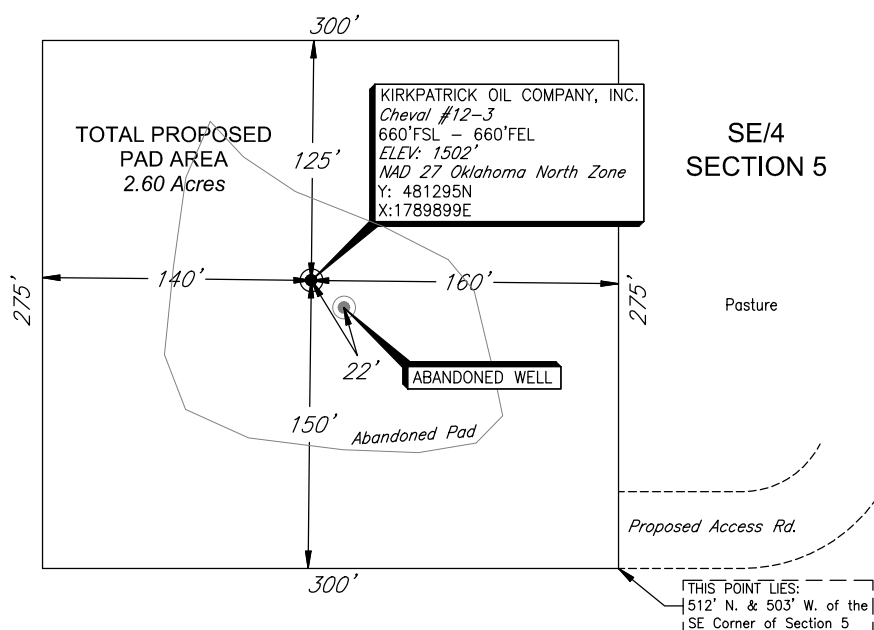
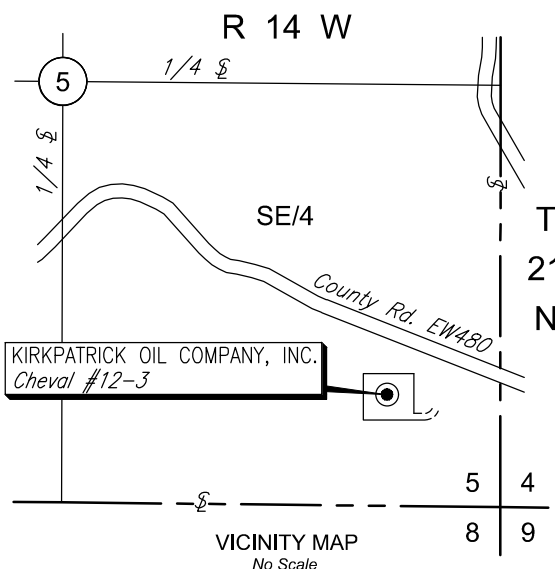
JOB NO.: 211449_TOPO				
DATE: 03/30/21				
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D. Mike Dossey

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

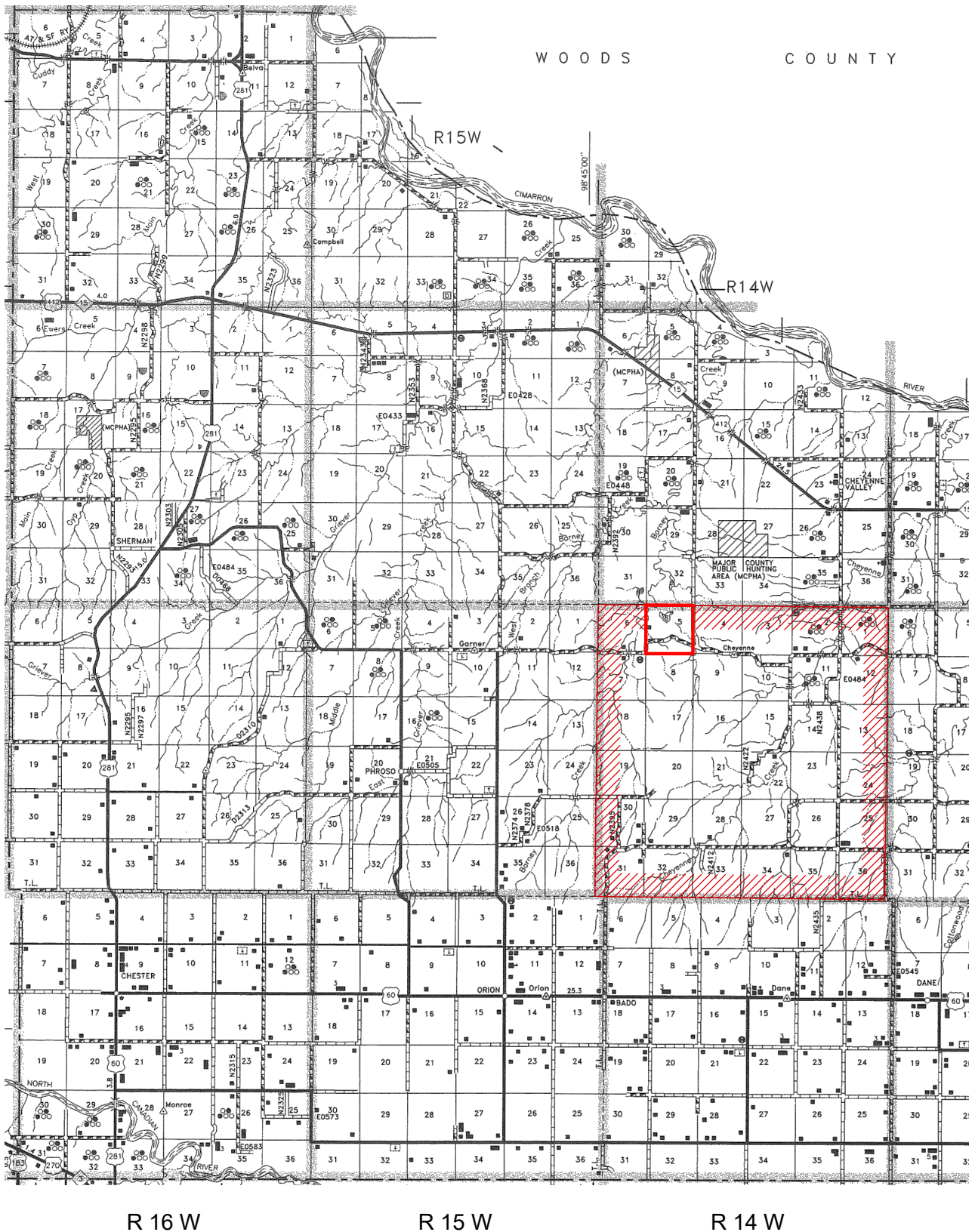


*PLAT SHOWING
PROPOSED PAD AREA IN THE
SE/4 OF SECTION 5, T21N - R14W
MAJOR COUNTY, OKLAHOMA*



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

				<h1 style="text-align: center;">KIRKPATRICK OIL COMPANY, INC.</h1>	SCALE:	1"=100'
					DATE:	04/01/21
NO.	REVISION	DATE	BY		JOB NO.:	211449
SURVEYED BY: D.D.					DWG. NO.:	2114.49_PAD
DRAWN BY: T.A.W.				 <div style="display: inline-block; vertical-align: middle;"> CIMARRON. <small>SURVEYING & MAPPING CO.</small> <small>CA. No. 1780 Expires Jan. 30, 2022</small> </div> <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <small>1530 SW 89TH STREET, Bldg. C3 Oklahoma City, OK (405) 692-7348 WWW.CIMSURVEY.COM</small> </div>	AFE. NO:	
APPROVED BY: D.M.D.					SHEET	1 OF 1



PLAT SHOWING
VICINITY MAP FOR
SECTION 5, T21N - R14W
MAJOR COUNTY, OKLAHOMA

				KIRKPATRICK OIL CO., INC.	SCALE:	1" = 3 Miles
					DATE:	03/30/21
NO.	REVISION	DATE	BY		JOB NO.:	211449
SURVEYED BY: D.D.					DWG. NO.:	2114.49_VMAP
DRAWN BY: T.A.W.					AFE. NO:	
APPROVED BY: D.M.D.				 CIMARRON. SURVEYING & MAPPING CO. <small>C.A. No. 1780 Expires June 30, 2022</small>	1530 SW 89TH STREET, Bldg. C3 OKLAHOMA CITY, OK (405) 692-7348 WWW.CIMSURVEY.COM	
					SHEET 1 OF 1	