

API NUMBER: 059 22638

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

Approval Date: 06/21/2022

Expiration Date: 12/21/2023

Straight Hole

Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 22 Township: 26N Range: 23W County: HARPER

SPOT LOCATION: ☐ NW ☐ NW ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 1350 1250

Lease Name: GATES

Well No: 1-22

Well will be 1250 feet from nearest unit or lease boundary.

Operator Name: R L & B ENERGY LLC

Telephone: 9406917676

OTC/OCC Number: 23907 0

R L & B ENERGY LLC

4245 KEMP BLVD STE 316

WICHITA FALLS, TX 76308-2829

JOY ELIZABETH JEFFERS AND LARRY GENE JEFFERS

10612 SW 21ST STREET

YUKON OK 73099

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

	Name	Code	Depth
1	LANSING-KANSAS CITY	405LGKC	6145
2	OSWEGO-BIG LIME	404OSWBL	6415
3	MISSISSIPPI LIME	351MSSLIM	7080
4	HUNTON	269HNTN	9050
5	ARBUCKLE	169ABCK	9615

Spacing Orders: 204872  
726250

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202201306

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

Special Orders: No Special

Total Depth: 9800

Ground Elevation: 2183

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 260

Deep surface casing has been approved

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: 22-38388

H. (Other)

SEE MEMO

**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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: RUSH SPRINGS

**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
DEEP SURFACE CASING	[6/20/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[6/20/2022 - 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>
PENDING CD - 202201306	<p>[6/21/2022 - G56] - 22-26N-23W  X204872 LGKC, OSWBL, OTHERS  X726250 MSSLM, HNTN, ABCK, OTHERS***  SHL 1650' FNL, 990' FEL^^  NO OP NAMED  REC 5/2/2022 (HUBER)</p> <p>*** WILL BE ADDED AT FINAL HEARING PER ATTORNEY FOR OPERATOR;</p> <p>^^ S/B 1350' FNL, 1250' FEL, CORRECTED AT HEARING PER ATTORNEY FOR OPERATOR;</p>
SPACING - 204872	<p>[6/21/2022 - G56] - (640) 22-26N-23W  EST OTHER  EXT OTHERS  EXT 134616 LGKC, OSWBL, OTHER</p>
SPACING - 726250	<p>[6/21/2022 - G56] - (640) 22-26N-23W  EXT 126990 HNTN  EST MSSLM, ABCK, OTHERS</p>
SURFACE CASING	[6/20/2022 - GC2] - MIN. 500' PER ORDER 40096

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# Well Location Plat

Sec. 22-26N-23W I.M.

Operator: CRESCENT CONSULTING, LLC

Lease Name and No.: GATES 1-22

Surface Hole Location: 1350' FNL - 1250' FEL Gr. Elevation: 2183'

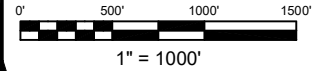
NW/4-NW/4-SE/4-NE/4 Section: 22 Township: 26N Range: 23W I.M.

County: Harper State of Oklahoma

Terrain at Loc.: Location fell on plains land with rolling hills.



All bearings shown  
are grid bearings.



GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:

Lat: 36°43'17.43"N

Lon: 99°39'38.16"W

Lat: 36.72150836

Lon: -99.66059866

X: 1481816

Y: 630840

Surface Hole Loc.:

Lat: 36°43'17.31"N

Lon: 99°39'36.73"W

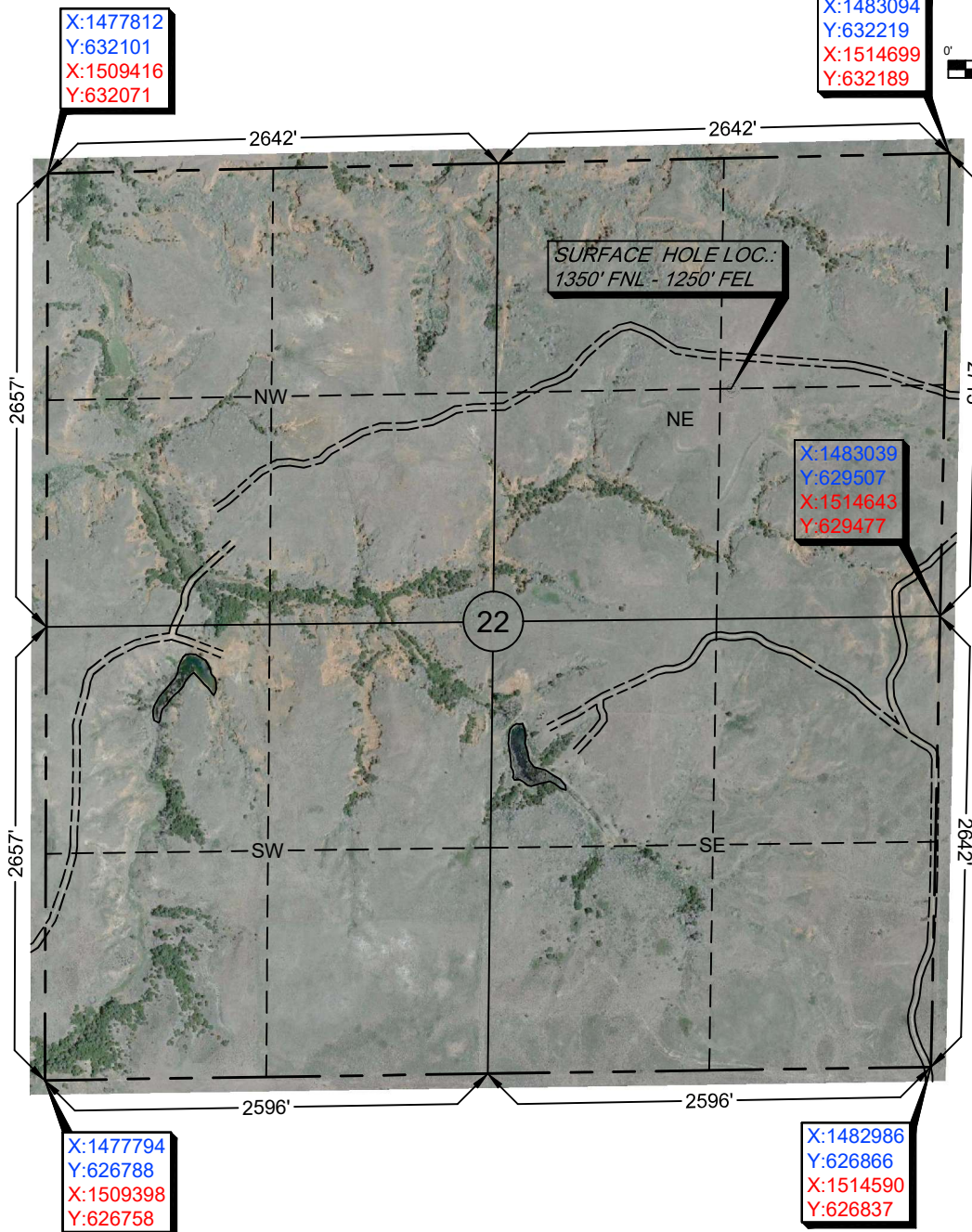
Lat: 36.72147574

Lon: -99.66020212

X: 1513420

Y: 630811

-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. -NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. -Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



Survey and plat by:

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2022

Invoice #10-005

Date Staked: 04/26/2022 By: G.G.

Date Drawn: 05/05/2022 By: J.K.

Revise Elev.: 06/13/2022 By: R.M.

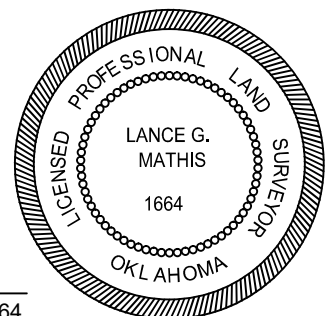
Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

*Lance G. Mathis*  
LANCE G. MATHIS

06/13/2022

OK LPLS 1664





# Well Location Plat

Sec. 22-26N-23W I.M.

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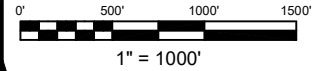
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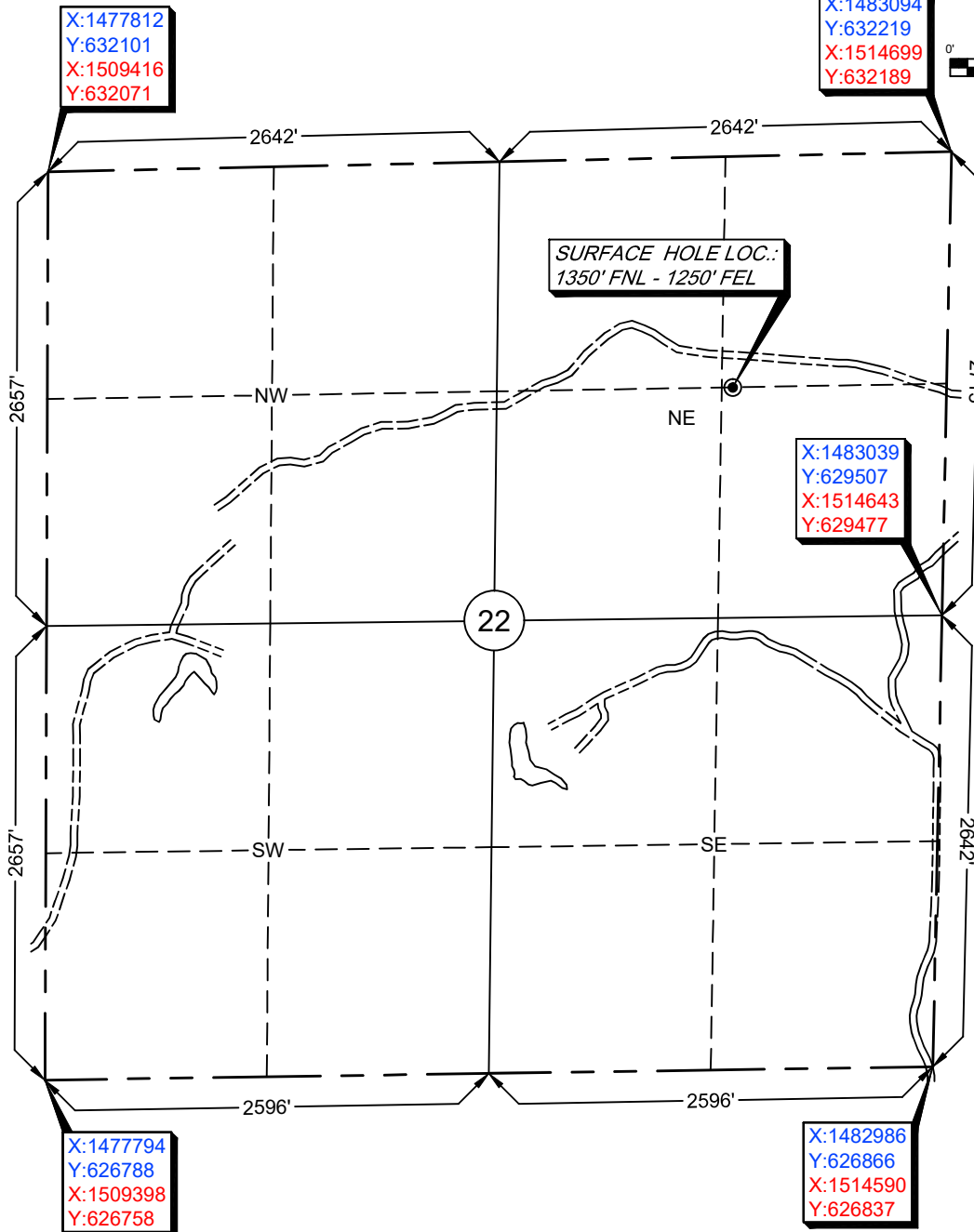
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Lon: -99.66020212

X: 1513420

Y: 630811

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-NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



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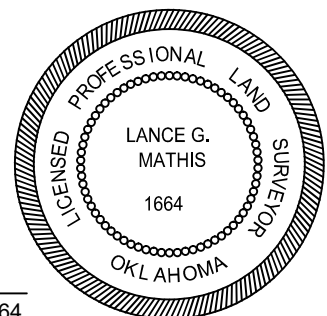
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*Lance G. Mathis*  
LANCE G. MATHIS

06/13/2022

OK LPLS 1664







# Topographic Vicinity Map

Operator: CRESCENT CONSULTING, LLC

Lease Name and No.: GATES 1-22

Surface Hole Location: 1350' FNL - 1250' FEL

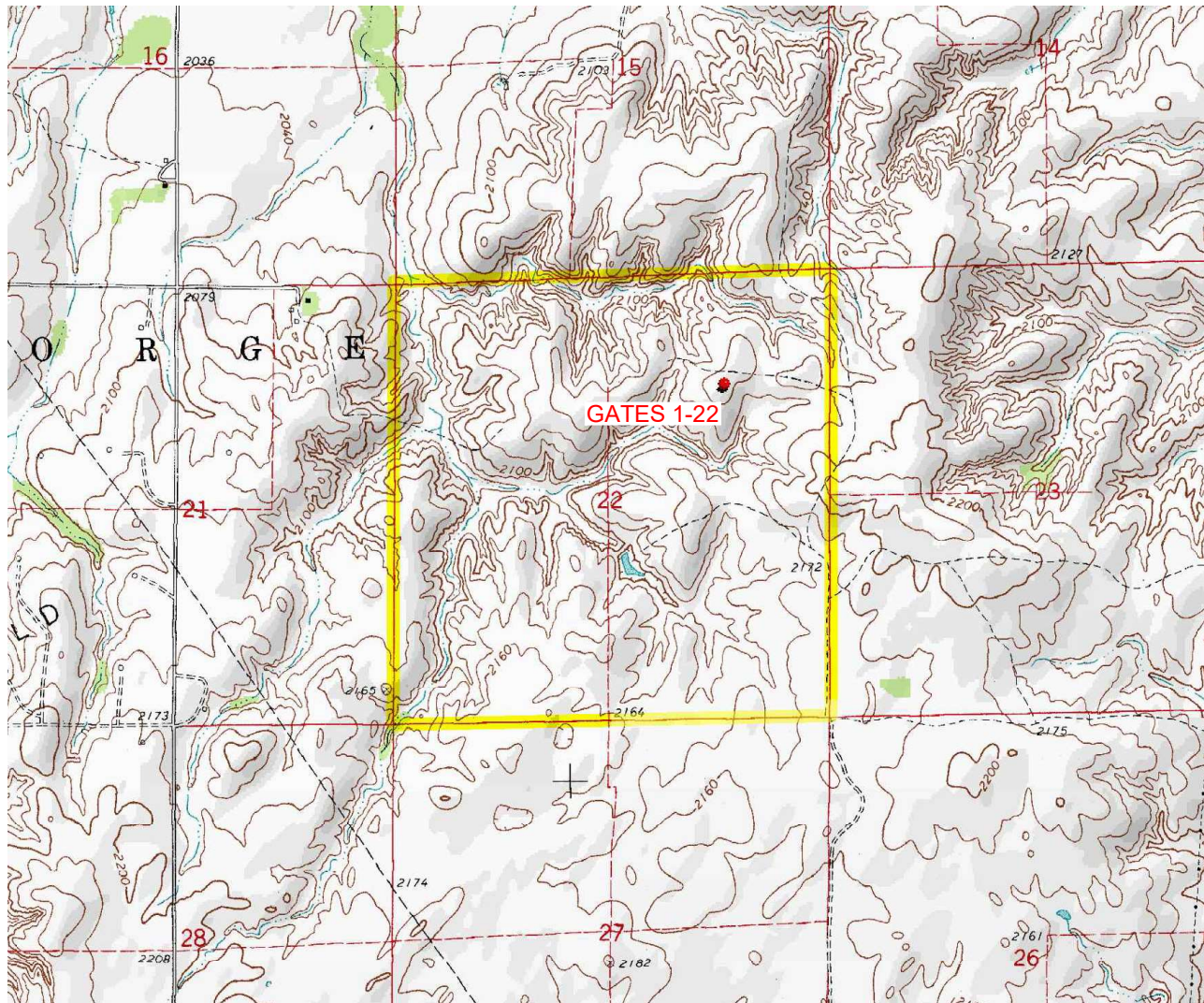
Sec. 22 Twp. 26N Rng. 23W I.M.

County: Harper State of Oklahoma

Ground Elevation at Surface Hole Location: 2183'



Scale 1" = 2000'  
Contour Interval: 20'



Provided by:

**Arkoma Surveying and Mapping, PLLC**

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2022

Date Staked: 04/26/2022

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown hereon is only as SCALED onto a U.S.G.S. Topographic Map.

Please note that this location was staked carefully on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed.

Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined.



# County Highway Vicinity Map



Job #: 10-005

Operator: CRESCENT CONSULTING, LLC

Lease Name and No.: GATES 1-22

Accessibility: From the East,  
Directions: From the junction of Highway 183 & an existing two track road in Harper, CO., OK, go 2.2 miles West on said existing two track road to the NE/4 of Section 22-26N-23W with the Proposed Site being at the end of said two track road.

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1 inch = 0.5 mile

