

API NUMBER: 087 22359

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

Approval Date: 05/19/2022

Expiration Date: 11/19/2023

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 11 Township: 5N Range: 1W County: MCCLAIN

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 702 187

Lease Name: DUNE Well No: 1A-12-13-24XH Well will be 187 feet from nearest unit or lease boundary.

Operator Name: CHARTER OAK PRODUCTION CO LLC Telephone: 4052860361 OTC/OCC Number: 21672 0

CHARTER OAK PRODUCTION CO LLC
13929 QUAIL POINTE DR
OKLAHOMA CITY, OK 73134-1037

ARAN & AMY JO SHARP
32818 150TH ST.
WAYNE OK 73095

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

	Name	Code	Depth
1	PENN BASAL UNCONF SAND	401BPUNC	5960
2	WOODFORD	319WDFD	5970
3	HUNTON	269HNTN	6074

Spacing Orders: 660164
660815
724662

Location Exception Orders: 724663

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 21500

Ground Elevation: 1079

Surface Casing: 450

Depth to base of Treatable Water-Bearing FM: 250

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: 22-38095

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: AP/TE DEPOSIT

Pit Location Formation: TERRACE

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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.

MULTI UNIT HOLE 1

Section: 24	Township: 5N	Range: 1W	Meridian: IM	Total Length: 15000
County: MCCLAIN				Measured Total Depth: 21500
Spot Location of End Point: SE	SE	SW	SW	True Vertical Depth: 8000
Feet From: SOUTH	1/4 Section Line: 50			End Point Location from
Feet From: WEST	1/4 Section Line: 993			Lease, Unit, or Property Line: 50

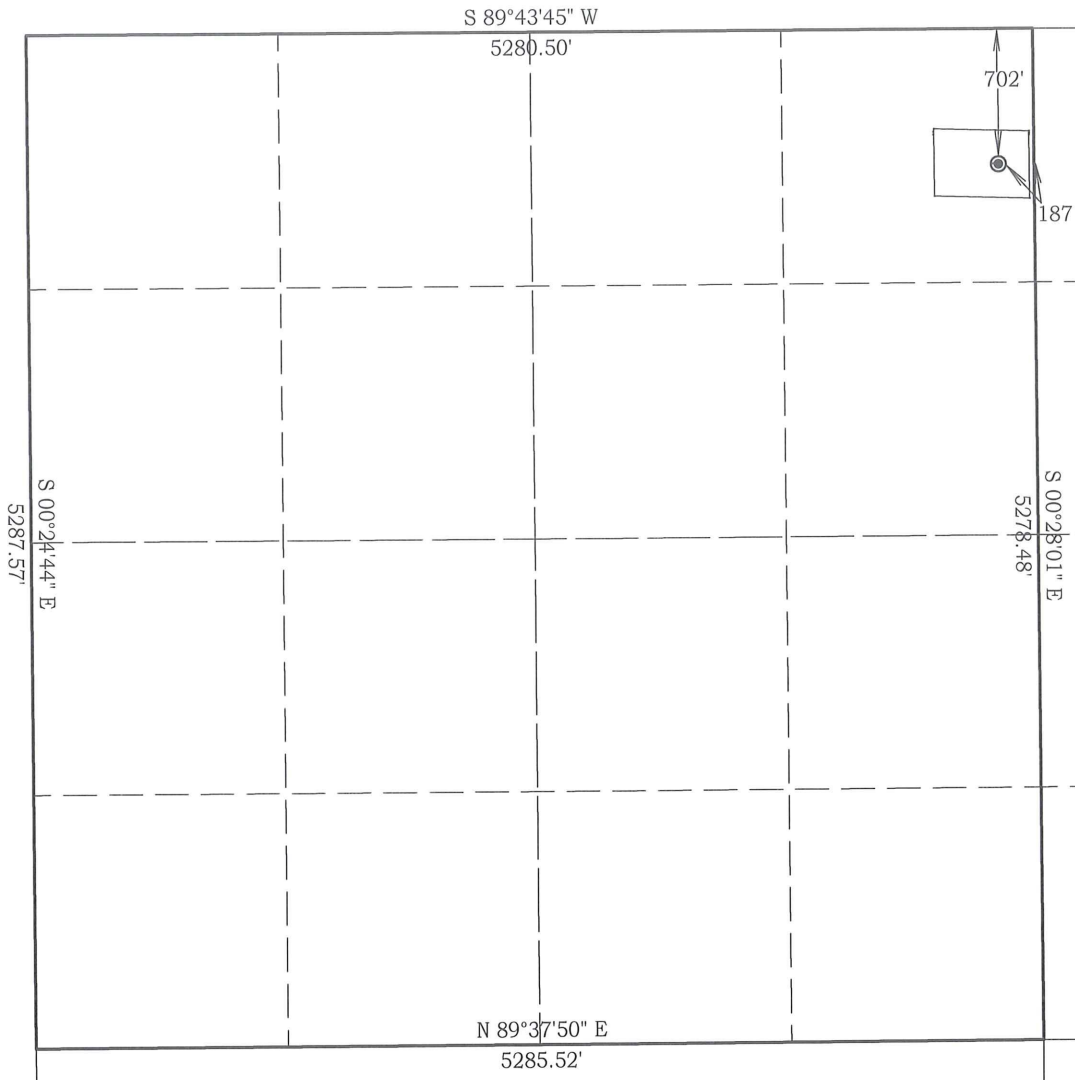
NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[3/11/2022 - 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: 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>
LOCATION EXCEPTION - 724663 (202200450)	<p>[5/19/2022 - GB1] - (I.O.) 12, 13, & 24-5N-1W X660164 BPUNC, WDFD, HNTN 12 & 13-5N-1W X660815 BPUNC, WDFD, HNTN 24-5N-1W COMPL INT (12-5N-1W) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL INT (13-5N-1W) NCT 0' FNL, NCT 0' FSL, NCT 330' FWL COMPL INT (24-5N-1W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL CHARTER OAK PRODUCTION CO, LLC 4/4/2022</p>
MEMO	[3/11/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 660164	<p>[3/16/2022 - GB1] - (640)(HOR) 12 & 13-5N-1W EST BPUNC, WDFD, HNTN, OTHERS COMPL INT (BPUNC, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST SP # 263184 HNTN; SP #106792 HNTN)</p>
SPACING - 660815	<p>[3/16/2022 - GB1] - (640)(HOR) 24-5N-1W EST BPUNC, WDFD, HNTN COMPL INT (BPUNC, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST SP # 106792 HNTN)</p>
SPACING - 724662 (202200449)	<p>[5/19/2022 - GB1] - (I.O.) 12, 13, & 24-5N-1W EST MULTIUNIT HORIZONTAL WELL X660164 BPUNC, WDFD, HNTN 12 & 13-5N-1W X660815 BPUNC, WDFD, HNTN 24-5N-1W (BPUNC, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 35% 12-5N-1W 40% 13-5N-1W 25% 24-5N-1W CHARTER OAK PRODUCTION CO, LLC 4/4/2022</p>

Well Location Plat
M & M Land Surveying, Inc.
520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

Company Name: Charter Oak Production Company Lease Name: Dune #1A-12-13-24XH
Section 11 Township 5 North Range 1 West County McClain Oklahoma
Surface Location 702' FNL - 187' FEL Elevation 1079' Good Location? Yes

Topography
Location fell in 175' South
of a fence.



NAD 83 OK SOUTH
Surface Location
Latitude: 34.925878°
Longitude: 97.266150°
N= 580,367'
E= 2,188,475'

NAD 27 OK SOUTH
Surface Location
Latitude: 34.925803°
Longitude: 97.265847°
N= 580,323'
E= 2,220,071'

Best Accessibility to Location
From the East

Distance & Direction From From the Jct. of US. 77 and SH 59, go 2.6 miles East on SH. 59, then 1 mile North on County Road to the Northeast Corner of Section 11
Highway or Town _____

CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

D. Harry McClintick
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

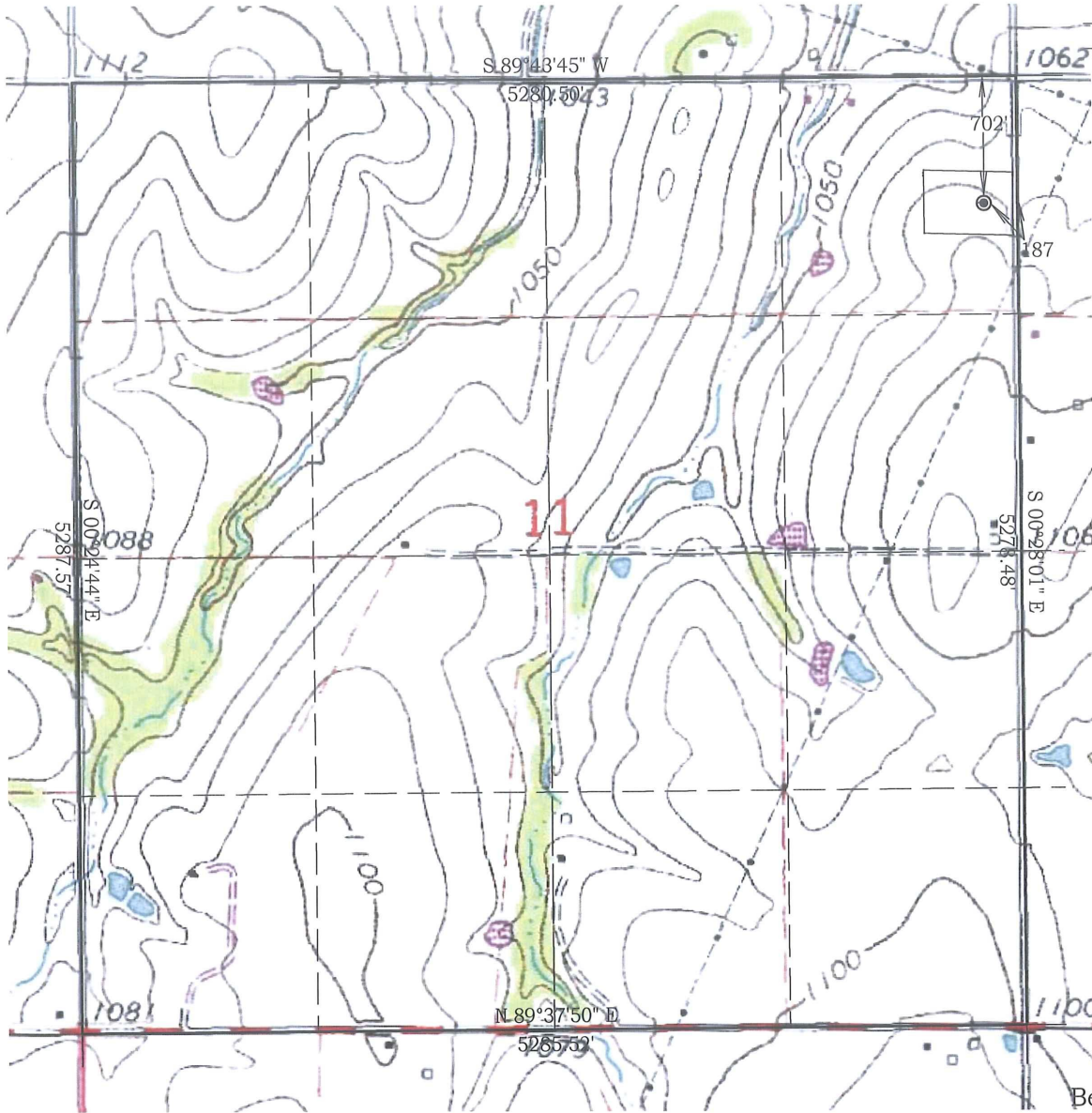
This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

The distances shown in parenthesis () are calculated distances based on the quarter section being 2640' and have not been measured.



520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

Surface Location	<u>702' FNL - 187' FEL</u>	Elevation <u>1079'</u>	Good Location? <u>Yes</u>	Topography <u>Location fell in 175' South of a fence.</u>
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Bearings are GRID NORTH



SCALE 1" = 1000'

0' 1000'

Job # 22056

Date 5/12/2022

NAD 83 OK SOUTH
Surface Location
Latitude: 34.925878°
Longitude: 97.266150°
N= 580,367'
E= 2,188,475'

NAD 27 OK SOUTH
Surface Location
Latitude: 34.925803°
Longitude: 97.265847°
N= 580,323'
E= 2,220,071'

Best Accessibility to Location From the East

Distance & Direction From _____
Highway or Town _____

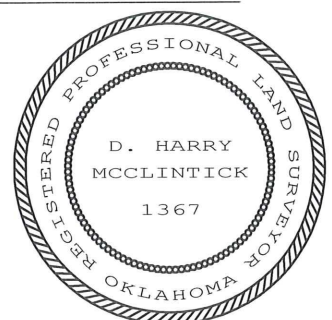
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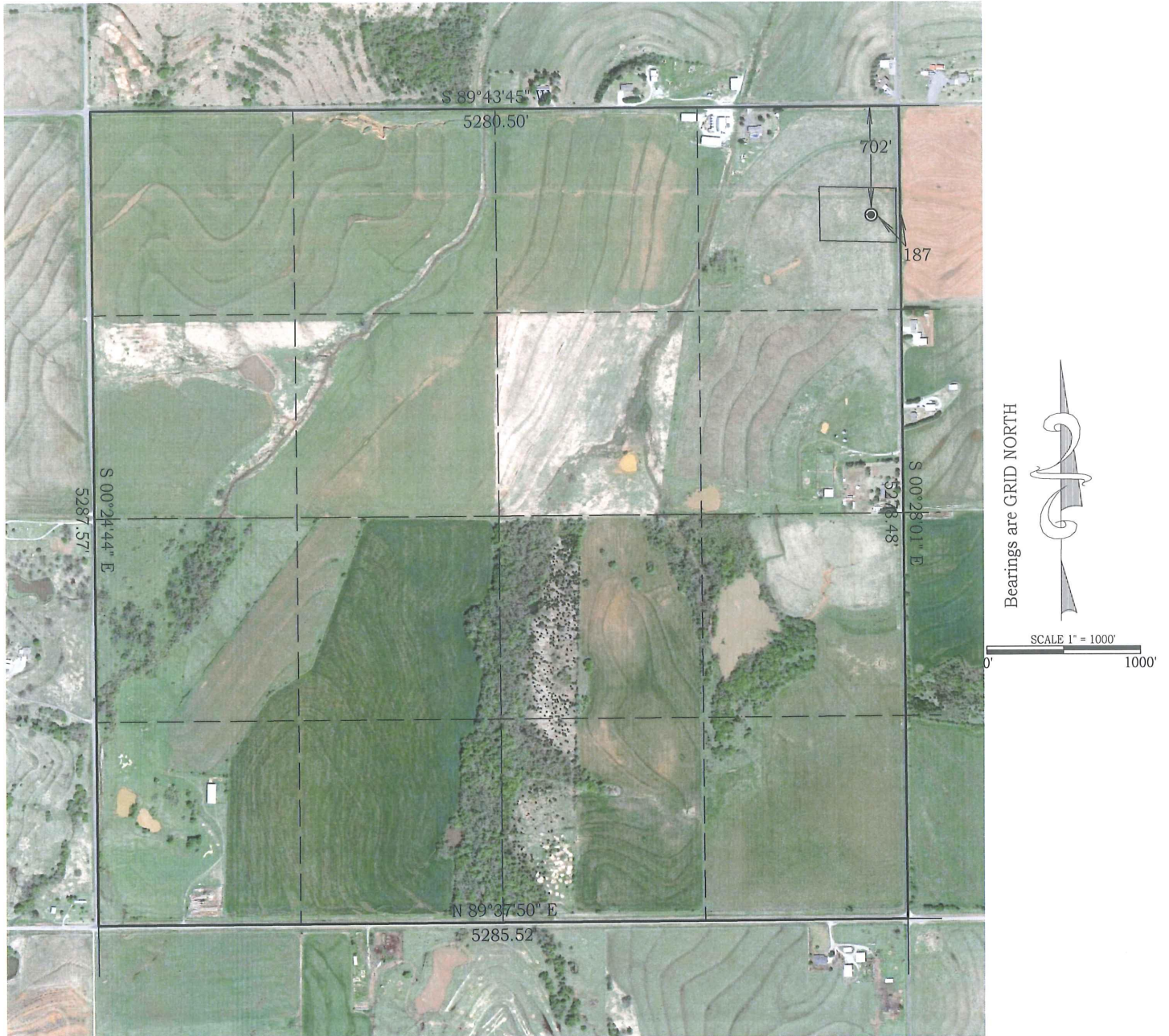
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Company Name: Charter Oak Production Company Lease Name: Dune #1A-12-13-24XH
Section 11 Township 5 North Range 1 West County McClain Oklahoma
Surface Location 702' FNL - 187' FEL Elevation 1079' Good Location? Yes

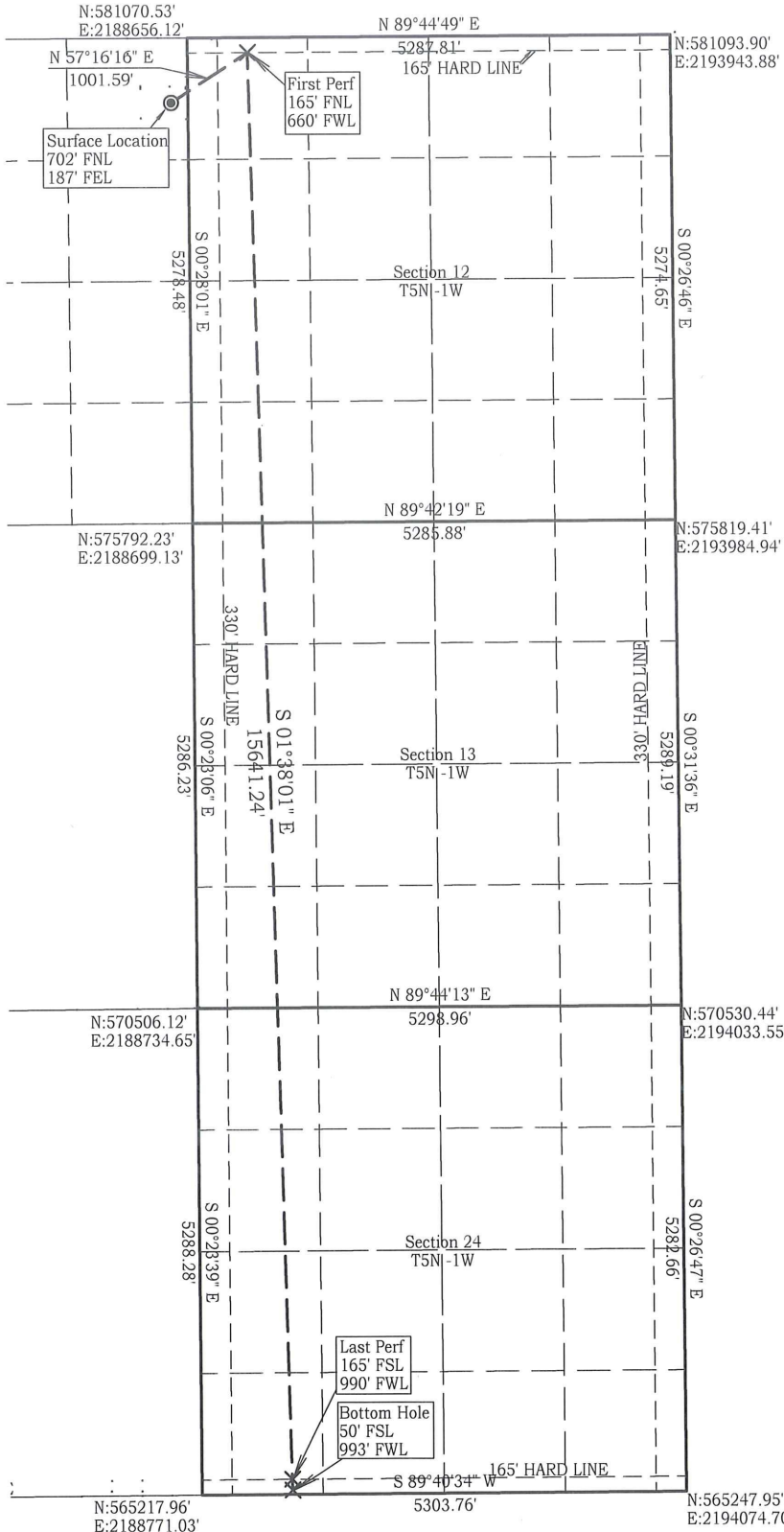


Permit Plat
M & M Land Surveying, Inc.
520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

Company Name: Charter Oak Production Company Lease Name: Dune #1A-12-13-24XH
Section 11 Township 5 North Range 1 West County McClain Oklahoma

Surface Location 702' FNL - 187' FEL Elevation 1079'

ALL SECTION CORNER COORDINATES ARE NAD 83



NAD 83 OK SOUTH
Surface Location
Latitude: 34.925878°
Longitude: 97.266150°
N= 580,367'
E= 2,188,475'

First Perforation Pt.
N= 580,908'
E= 2,189,760'

Last Perforation Pt.
N= 565,389'
E= 2,189,760'

Bottom Hole
N= 565,274'
E= 2,189,763'

NAD 27 OK SOUTH
Surface Location
Latitude: 34.925803°
Longitude: 97.265847°
N= 580,323'
E= 2,220,071'

First Perforation Pt.
N= 580,865'
E= 2,220,914'

Last Perforation Pt.
N= 565,345'
E= 2,221,356'

Bottom Hole
N= 565,230'
E= 2,221,359'



SCALE 1" = 2000'
0' 2000'
Job # 22056
Date 5/12/2022



D. Harry McClintick 5/12/2022

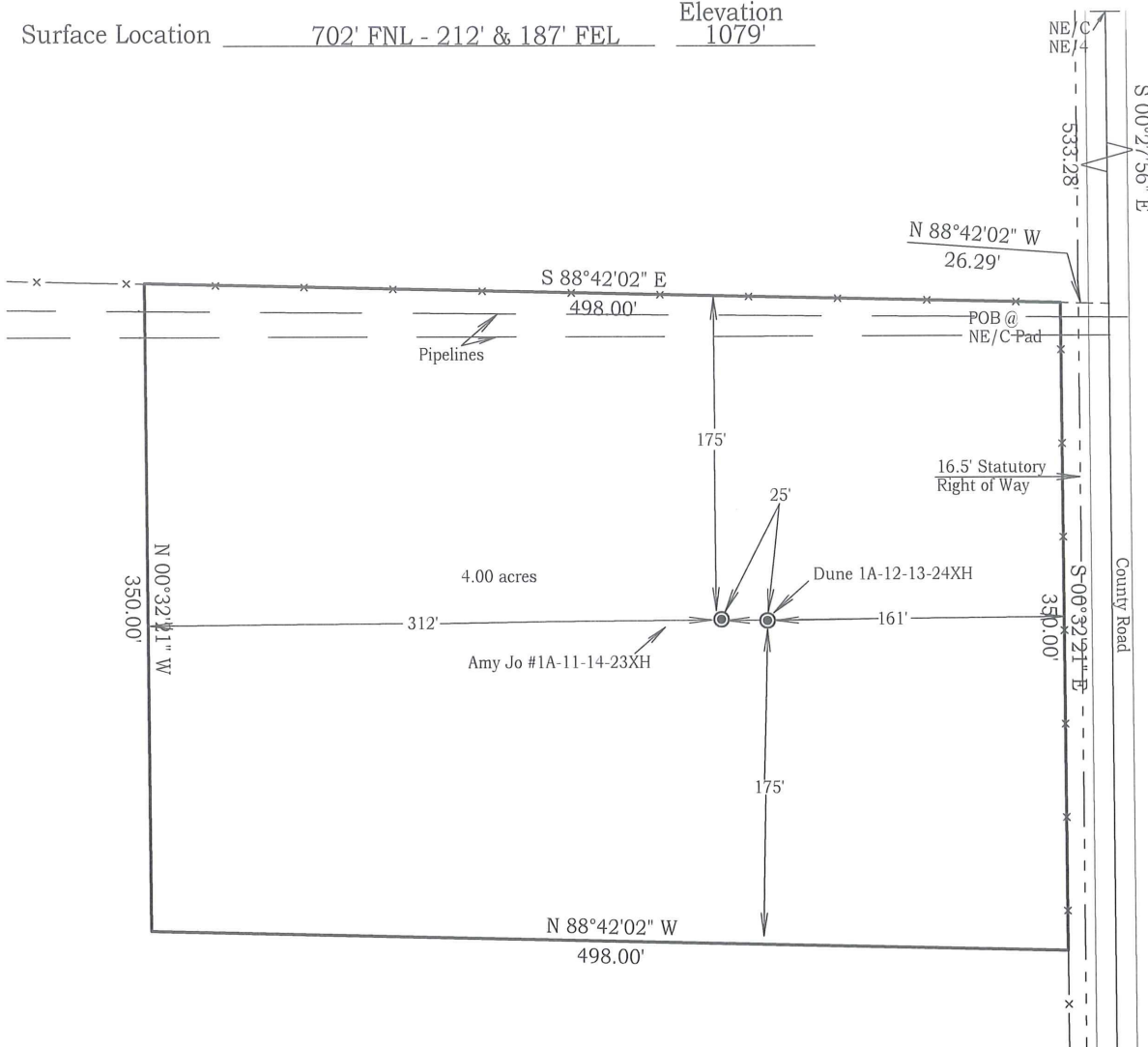
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093
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Proposed Pad Plat

EXHIBIT "A"

M & M Land Surveying, Inc.
520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

Company Name: Charter Oak Production Company Lease Name: Amy Jo #1A-11-14-23XH
Dune #1A-12-13-24XH
Section 11 Township 5 North Range 1 West County McClain Oklahoma
Surface Location 702' FNL - 212' & 187' FEL Elevation 1079'



SCALE 1" = 1000'
Job # 22056
Date 5/10/2022

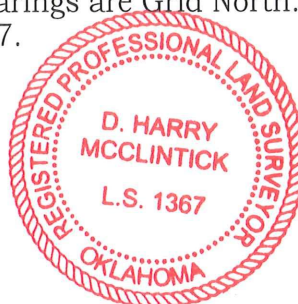
Legal Description

A tract of land being part of the NE/4 of the NE/4 of Section 11, Township 5 North, Range 1 West, Indian Meridian, McClain County, Oklahoma, Commencing at the Northeast Corner of the NE/4 of the NE/4; thence S00°27'56"E along the East line of the NE/4 of the NE/4, a distance of 533.28 feet; thence N88°42'02"W, a distance of 26.29 feet to a fence corner said point being the POINT OF BEGINNING; thence S00°32'21"E, along a fence, a distance of 350.00 feet; thence N88°42'02"W, a distance of 498.00 feet; thence N00°32'21"W, a distance of 350.00 feet to a fence; thence S88°42'02"E, along said fence, a distance of 498.00 feet to the POINT OF BEGINNING; said described tract containing 4.00 Acres, more or less, bearings are Grid North. This Legal Description was prepared by D. Harry McClintick, RPLS. 1367.

If Seal is not in red ink this is
a copy and is not to be used.

M & M Land Surveying, Inc.
C.A .3093 LS #1367

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