

API NUMBER: 087 22358

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: 09 Township: 5N Range: 1W County: MCCLAIN

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 175 2231

Lease Name: TUT Well No: 1-9-16-21XH Well will be 175 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

4-K REAL ESTATE HOLDING COMPANY, LLC
14860 RAILWAY AVE.
WAYNE OK 73095

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

	Name	Code	Depth
1	PENN BASAL UNCONF SAND	401BPUNC	6480
2	WOODFORD	319WDFD	6610
3	HUNTON	269HNTN	6780

Spacing Orders: 643896
630120
628026
673663

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202201526
202201528

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 22950

Ground Elevation: 1095

Surface Casing: 450

Depth to base of Treatable Water-Bearing FM: 210

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: 22-38183

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: 21	Township: 5N	Range: 1W	Meridian: IM	Total Length: 15510
County: MCCLAIN				Measured Total Depth: 22950
Spot Location of End Point: S2	S2	SW	SE	True Vertical Depth: 7000
Feet From: SOUTH	1/4 Section Line: 50			End Point Location from
Feet From: EAST	1/4 Section Line: 1980			Lease, Unit, or Property Line: 50

NOTES:

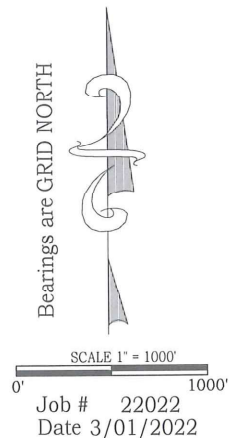
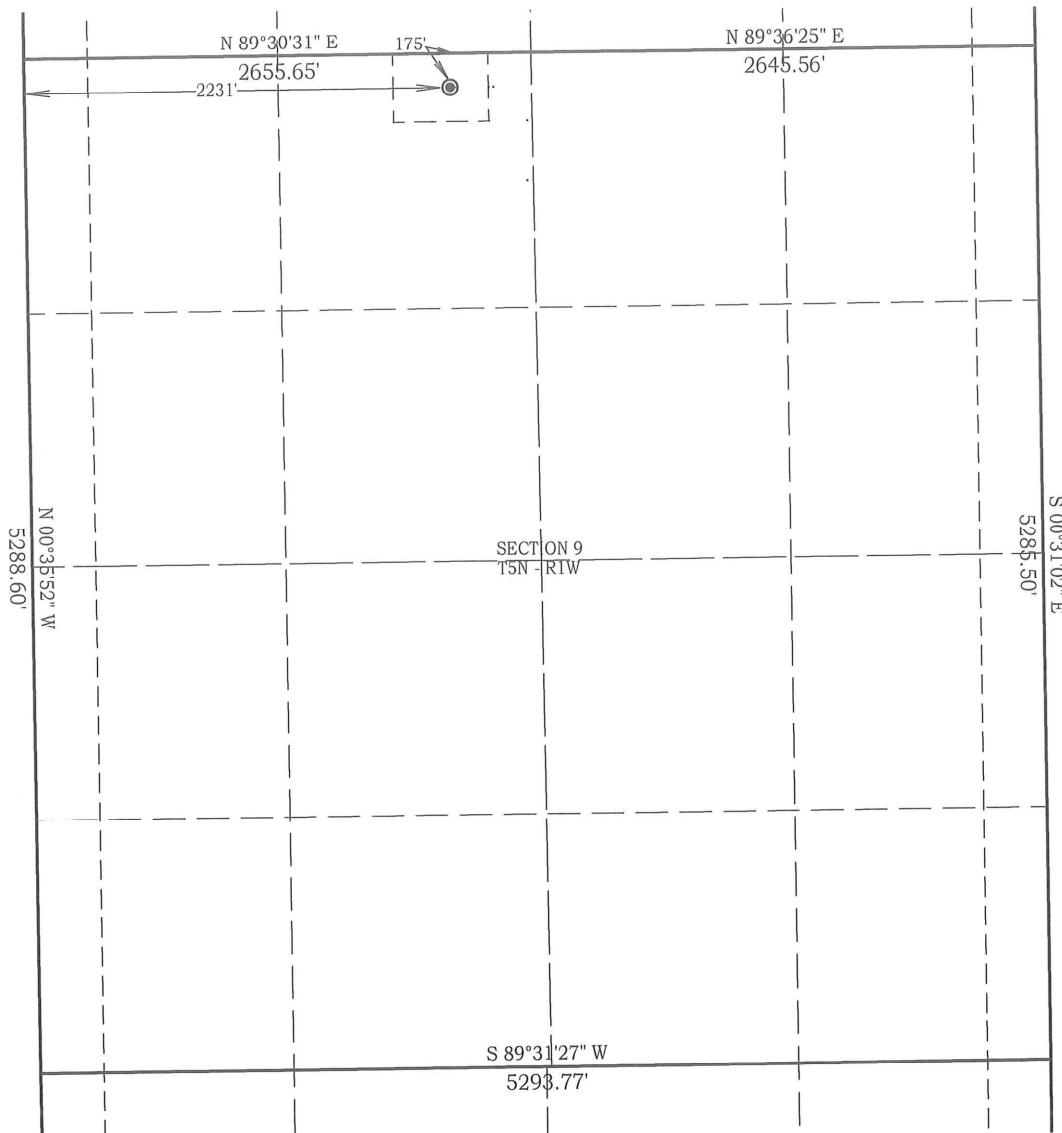
Category	Description
HYDRAULIC FRACTURING	<p>[5/5/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE 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>
MEMO	[5/5/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - ROSE C.L. LAKE), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202201526	<p>[5/18/2022 - G56] - (I.O.) 9, 16 & 21-5N-1W EST MULTIUNIT HORIZONTAL WELL X643896 BPUNC, WDFD, HNTN 9-5N-1W X630120 BPUNC, WDFD, HNTN 16-5N-1W X628026/673663 BPUNC, WDFD, HNTN 21-5N-1W (BPUNC & HNTN ARE ADJACENT CSS TO WDFD) 35% 9-5N-1W 40% 16-5N-1W 25% 21-5N-1W NO OP NAMED REC 5/16/2022 (P. PORTER)</p>
PENDING CD - 202201528	<p>[5/18/2022 - G56] - (I.O.) 9, 16 & 21-5N-1W X643896 BPUNC, WDFD, HNTN 9-5N-1W X630120 BPUNC, WDFD, HNTN 16-5N-1W X628026/673663 BPUNC, WDFD, HNTN 21-5N-1W COMPL INT (9-5N-1W) NCT 165' FNL, NCT 0' FSL, NCT 990' FEL COMPL INT (16-5N-1W) NCT 0' FSL, NCT 0' FNL, NCT 990' FEL COMPL INT (21-5N-1W) NCT 0' FNL, NCT 165' FSL, NCT 990' FEL NO OP NAMED REC 5/16/2022 (P. PORTER)</p>
SPACING - 628026	<p>[5/18/2022 - G56] - (640)(HOR) 21-5N-1W EST BPUNC, WDFD, HNTN, OTHERS COMPL INT (BPUNC, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 330' FB (SUPERSEDE SP # 137777 HNTN, # 160310 HNTN)</p>
SPACING - 630120	<p>[5/18/2022 - G56] - (640)(HOR) 16-5N-1W VAC 160310 HNTN EST BPUNC, WDFD, HNTN, OTHERS COMPL INT (BPUNC, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 330' FB</p>
SPACING - 643896	<p>[5/18/2022 - G56] - (640)(HOR) 9-5N-1W EST BPUNC, WDFD, OTHERS COMPL INT (BPUNC) NCT 660' FB COMPL INT (WDFD) NCT 330' FB</p>
SPACING - 673663	[5/18/2022 - G56] - NPT ORDER # 628026 CORRECTING PARAGRAPH 5.1 TO CORRECT SECTION

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.

087 22358 TUT 1-9-16-21XH

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: Tut 1-9-16-21XH
Section 9 Township 5 North Range 1 West County McClain Oklahoma
Surface Location 175' FNL - 2231' FWL Elevation 1095' Good Location? Yes Topography Alfalfa field 25' West of
Kalahari 1-4-33-28XH



NAD 83 OK SOUTH
Surface Location
Latitude: 34.927381°
Longitude: 97.311032°
N= 580,819'
E= 2,175,018'

NAD 27 OK SOUTH
Surface Location
Latitude: 34.927306°
Longitude: 97.310728°
N= 580,776'
E= 2,206,614'

Best Accessibility to Location
From the East off Nicholas
Drive

Distance & Direction From The intersection of 150th Street & Nicholas Drive is at the Northeast Corner of the NW/4 of
Section 9.
Highway or Town _____

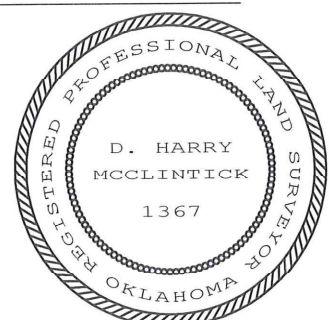
CERTIFICATE:

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.

[Signature] 3/11/2022
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.

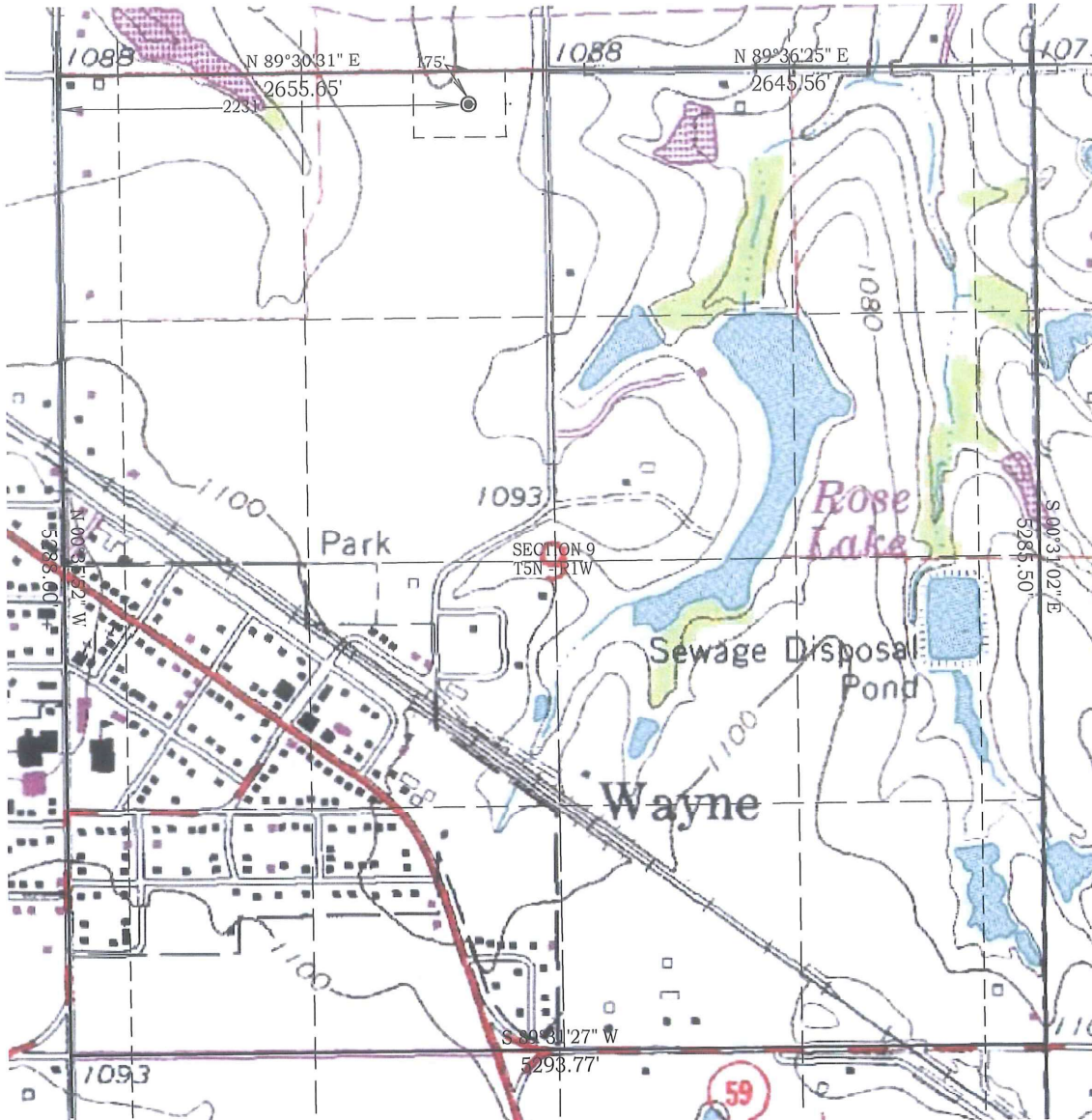
The distances shown in parenthesis () are calculated distances based on the quarter section being 2640' and have not been measured.



Topography 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: Tut 1-9-16-21XH
Section 9 Township 5 North Range 1 West County McClain Oklahoma
Surface Location 175' FNL - 2231' FWL Elevation 1095' Good Location? Yes

Topography
Alfalfa field 25' West of
Kalahari 1-4-33-28XH



SCALE 1" = 1000'
0' 1000'

Job # 22022
Date 3/01/2022

NAD 83 OK SOUTH
Surface Location
Latitude: 34.927381°
Longitude: 97.311032°
N= 580,819'
E= 2,175,018'

NAD 27 OK SOUTH
Surface Location
Latitude: 34.927306°
Longitude: 97.310728°
N= 580,776'
E= 2,206,614'

Best Accessibility to Location
From the East off Nicholas
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Distance & Direction From The intersection of 150th Street & Nicholas Drive is at the Northeast Corner of the NW/4 of
Section 9.
Highway or Town _____

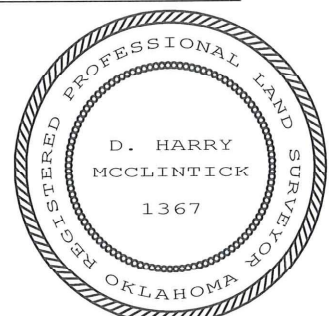
CERTIFICATE:

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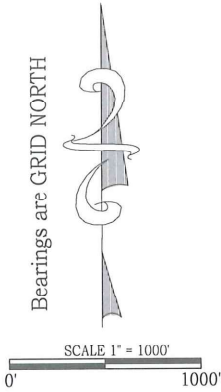
D. Harry McClintick 3/1/2022
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

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



Company Name: Charter Oak Production Company Lease Name: Tut 1-9-16-21XH
Section 9 Township 5 North Range 1 West County McClain Oklahoma
Surface Location 175' FNL - 2231' FWL Elevation 1095' Good Location? Yes

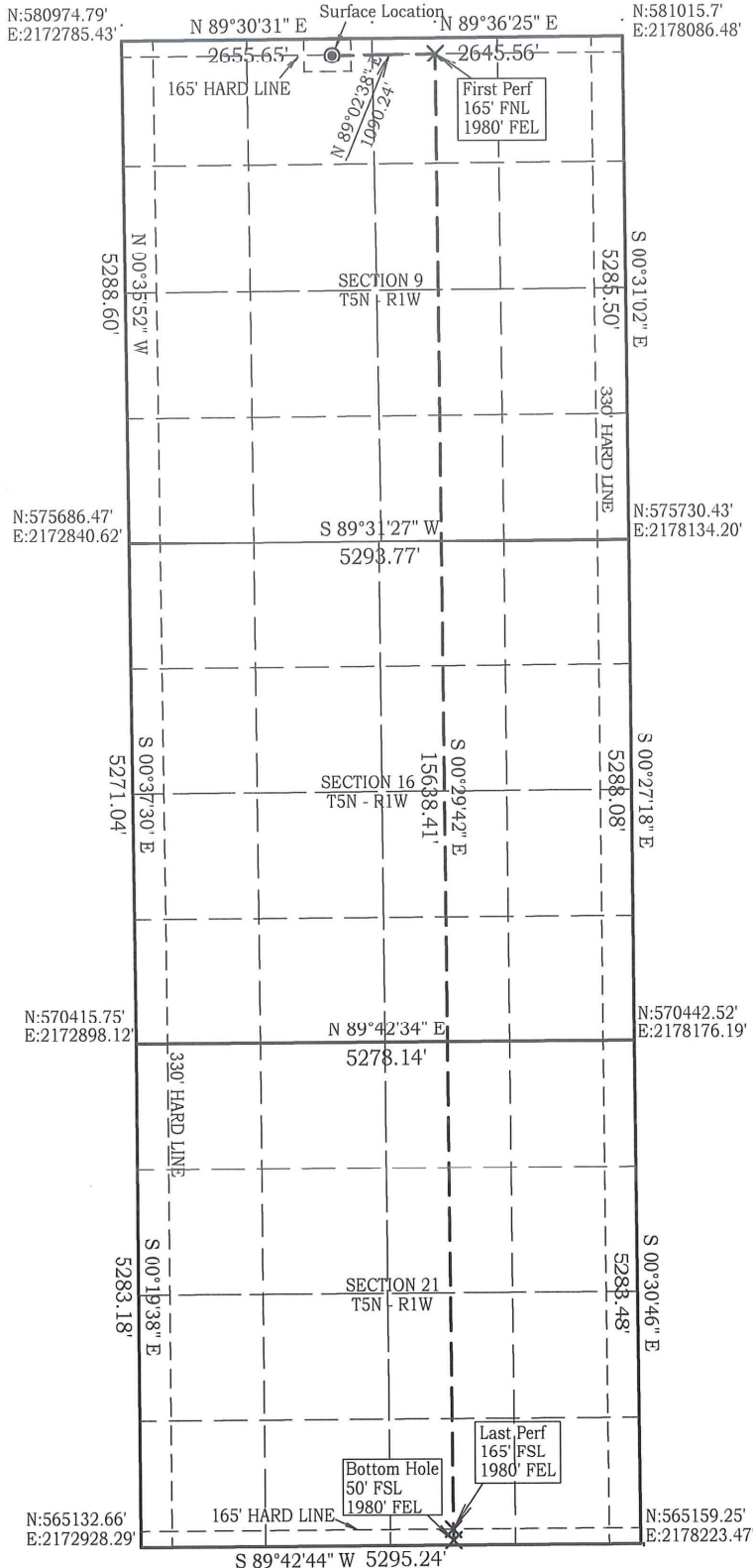


Permit Plat
M & M Land Surveying, Inc.
520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

Company Name: Charter Oak Production Company Lease Name: Tut 1-9-16-21XH
Section 9 Township 5 North Range 1 West County McClain Oklahoma

Surface Location 175' FNL - 2231' FWL Elevation 1095' Good Location? Yes Topography Alfalfa field 25' West of
Kalahari 1-4-33-28XH

ALL SECTION CORNER COORDINATES ARE NAD 83 OKLAHOMA SOUTH.



Bearings are GRID NORTH

SCALE 1" = 2000'
0' 2000'
Job # 22022 A
Date 3/01/2022

NAD 83 OK SOUTH
Surface Location
Latitude: 34.927381°
Longitude: 97.311032°
N= 580,819'
E= 2,175,018'

NAD 27 OK SOUTH
Surface Location
Latitude: 34.927306°
Longitude: 97.310728°
N= 580,776'
E= 2,206,614'

First Perforation Pt.
N= 580,837'
E= 2,176,108'

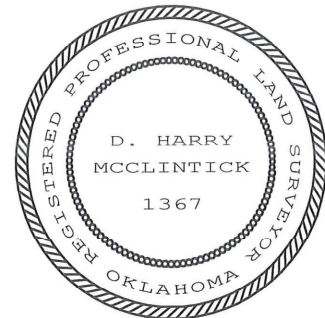
First Perforation Pt.
N= 580,794'
E= 2,207,704'

Last Perforation Pt.
N= 565,314'
E= 2,176,242'

Last Perforation Pt.
N= 565,271'
E= 2,207,704'

Bottom Hole
N= 565,199'
E= 2,176,243'

Bottom Hole
N= 565,156'
E= 2,207,839'



D. Harry McClintick 4/15/2022
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.

EXHIBIT "A"

Company Name: Charter Oak Production Company Lease Name: Tut 1-9-16-21XH & Kalahari 1-4-33-28XH
 Section 9 Township 5 North Range 1 West County McClain Oklahoma

Tract Information:
 4.00 acres
 174266.77 sq ft

Boundary Measurements:
 Top: N 89°30'31" E 498.00'
 Right: S 00°35'52" E 350.00'
 Bottom: S 89°30'31" W 498.00'
 Left: N 00°35'52" W 350.00'

Utility and Infrastructure:
 - 16.5' Statutory Right of Way (Section line not open)
 - POB, Pad (Point of Beginning, Pad)
 - Centerline of Proposed 25' Lease Road
 - #8 Rebar filed by RLS #754 NE/C of NW/4
 - Tut 1-9-16-21XH (Utility)
 - Kalahari 1-4-33-28XH (Utility)
 - EL:1095.19' (Elevation at utility intersection)

Other Data:
 - EL:1096.68' (Elevation at top left corner)
 - EL:1094.71' (Elevation at bottom left corner)
 - EL:1092.48' (Elevation at bottom right corner)
 - EL:1094.71' (Elevation at top right corner)
 - 225.00' (Distance from top right corner to POB, Pad)
 - 12.5' (Distance from POB, Pad to centerline of proposed road)
 - 12.5' (Distance from centerline of proposed road to right boundary)
 - 175' (Distance from top boundary to utility intersection)
 - 175' (Distance from utility intersection to right boundary)
 - 25' (Distance from utility intersection to bottom boundary)
 - 12.50' (Distance from right boundary to Nicholas Road)
 - S 00°33'37" W (Bearing from right boundary to Nicholas Road)
 - Nicholas Road

Scale and Orientation:
 - Scale: 1" = 100'
 - Bearings are GRID NORTH
 - Job # 22022
 - Date 3/01/2022

A strip of land being 25 feet wide (12.5 feet each side of a centerline) in the NW/4 of Section 9, Township 5 North, Range 1 West, Indian Meridian, McClain County, Oklahoma, said centerline being more particularly described as follows: Commencing at the Northeast Corner of the NW/4; thence S00°33'37"E along the East line of the NW/4, a distance of 12.50 feet to the POINT OF BEGINNING; thence S89°30'31"W, and parallel with the North line of the NW/4, a distance of 225.00 feet to the POINT OF ENDING, bearings are Grid North. This Legal Description was prepared by D. Harry McClintick, RPLS #1367.

A tract of land being part of the NW/4 of Section 9, Township 5 North, Range 1 West, Indian Meridian, McClain County, Oklahoma, being more particularly described as follows: Commencing at the Northeast Corner of the NW/4; thence S89°30'31"W, along the North line of the NW/4, a distance of 225.00 feet to the POINT OF BEGINNING; thence S00°35'52"E, and parallel with the West line of the NW/4, a distance of 350.00 feet; thence S89°30'31"W, a distance of 498.00 feet; thence N00°35'52"W, a distance of 350.00 feet; thence N89°30'31"E, 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.

A circular red seal for a Registered Professional Land Surveyor. The outer ring contains the text "REGISTERED PROFESSIONAL LAND SURVEYOR" at the top and "OKLAHOMA" at the bottom, separated by a rope-like border. The center of the seal contains the name "D. HARRY MCCLINTICK" and the license number "L.S. 1367".

DLL HLL 3/4/2022
D. Harry McClintick R.P.L.S. No. 1367
Mobile 580-221-4999
Office 580-226-0446
520 "E" Street NW,
Ardmore, OK 73401