

API NUMBER: 087 22399

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

Approval Date: 10/20/2022

Expiration Date: 04/20/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 27 Township: 9N Range: 4W County: MCCLAIN

SPOT LOCATION: ☐ SW ☐ SE ☐ NW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1642 1696

Lease Name: DOOD Well No: 1-27-34-3XH Well will be 1642 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

JUANITA GRIFFITH FAMILY TRUST
1333 S.E. 32ND ST.
NEWCASTLE OK 73065

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	8865
2	WOODFORD	319WDFD	8965
3	HUNTON	269HNTN	9100

Spacing Orders: 687012

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202203351
202203346
202203357
202203356
202203278
202203279
202203355

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 21950

Ground Elevation: 1278

Surface Casing: 1600

Depth to base of Treatable Water-Bearing FM: 810

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: 22-38593

H. (Other)

SEE MEMO

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.

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**MULTI UNIT HOLE 1**

Section: 3 Township: 8N Range: 4W Meridian: 1M

Total Length: 12000

County: MCCLAIN

Measured Total Depth: 21950

Spot Location of End Point: S2 SW SW SE

True Vertical Depth: 9200

Feet From: **SOUTH** 1/4 Section Line: 50End Point Location from
Lease, Unit, or Property Line: 50Feet From: **WEST** 1/4 Section Line: 330**NOTES:**

Category	Description
HYDRAULIC FRACTURING	<p>[10/7/2022 - 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: OCCWEB.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	[10/7/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202203278	<p>[10/10/2022 - G56] - (640)(HOR) 34-9N-4W VAC 294280 HTLCH, CMNL EXT 687012 MSSP, WDFD, HNTN COMPL INT (MSSP, HNTN) NLT 660' FB COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST WITH SP # 266211 HNTN) REC 10/18/2022 (P. PORTER)</p>
PENDING CD - 202203279	<p>[10/20/2022 - G56] - (320)(HOR) E2 3-8N-4W EST MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL REC 10/18/2022 (P. PORTER)</p>
PENDING CD - 202203346	<p>[10/20/2022 - G56] - (I.O.) 27 & 34-9N-4W, E2 3-8N-4W EST MULTIUNIT HORIZONTAL WELL X687012 MSSP, WDFD, HNTN 27-9N-4W X2022003278 MSSP, WDFD, HNTN 34-9N-4W X2022003279 MSSP, WDFD, HNTN E2 3-8N-4W (MSSP, HNTN ARE ADJACENT CSS TO WDFD) 17% 27-9N-4W 42% 34-9N-4W 41 3-8N-4W NO OP NAMED REC 10/18/2022 (P. PORTER)</p>
PENDING CD - 202203351	<p>[10/20/2022 - G56] - (I.O.) 27 & 34-9N-4W, E2 3-8N-4W X687012 MSSP, WDFD, HNTN 27-9N-4W X2022003278 MSSP, WDFD, HNTN 34-9N-4W X2022003279 MSSP, WDFD, HNTN E2 3-8N-4W COMPL INT (27-9N-4W) NCT 660' FSL, NCT 0' FSL, NCT 660' FEL COMPL INT (34-9N-4W) NCT 0' FNL, NCT 0' FSL, NCT 660' FEL COMPL INT (3-8N-4W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL NO OP NAMED REC 10/18/2022 (P. PORTER)</p>
PENDING CD - 202203355	<p>[10/20/2022 - G56] - 27-9N-4W X687012 WDFD 6 WELLS NO OP NAMED REC 10/18/2022 (P. PORTER)</p>
PENDING CD - 202203356	<p>[10/20/2022 - G56] - 34-9N-4W X202203278 WDFD 4 WELLS NO OP NAMED REC 10/18/2022 (P. PORTER)</p>
PENDING CD - 202203357	<p>[10/20/2022 - G56] - E2 3-8N-4W X202203279 WDFD 1 WELL NO OP NAMED REC 10/18/2022 (P. PORTER)</p>
SPACING - 687012	<p>[10/10/2022 - G56] - (640)(HOR) 27-9N-4W EXT 681230 MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST WITH SP # 586879 MISS, WDFD, HNTN)</p>

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.

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087 22399 DOOD 1-27-34-3XH