

API NUMBER: 087 22386

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

Approval Date: 08/23/2022

Expiration Date: 02/23/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 31 Township: 6N Range: 1W County: MCCLAIN

SPOT LOCATION: FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 245 258

Lease Name: SAHARA Well No: 1-29-20-17XH Well will be 245 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

TOMMIE J & JUDY M MCPHERSON LIVING TRUST
25562 SOONER AVE.
PURCELL OK 73080

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

	Name	Code	Depth
1	PENN BASAL UNCONF SAND	401BPUNC	6630
2	WOODFORD	319WDFD	6690
3	HUNTON	269HNTN	6805

Spacing Orders: 660166

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202202826
202202825
202203154
202203155

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 22950

Ground Elevation: 1095

Surface Casing: 390

Depth to base of Treatable Water-Bearing FM: 140

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: 22-38505

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: ALLUVIAL

Pit Location Formation: ALLUVIUM

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: ALLUVIAL

Pit Location Formation: ALLUVIUM

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: 17	Township: 6N	Range: 1W	Meridian: IM	Total Length: 15510
County: CLEVELAND				Measured Total Depth: 22950
Spot Location of End Point: N2	N2	NW	NW	True Vertical Depth: 7000
Feet From: NORTH	1/4 Section Line: 50		End Point Location from	
Feet From: WEST	1/4 Section Line: 660		Lease, Unit, or Property Line: 50	

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[8/18/2022 - 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	[8/18/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202202825	<p>[8/22/2022 - G56] - (640)(HOR) 17-6N-1W VAC 423006 HNTN, OTHERS VAC 271102 HNTN, OTHERS SW4, E2 EXT 660166 BPUNC, WDFD, HNTN, OTHERS COMPL INT (BPUNC, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>
PENDING CD - 202202826	<p>[8/22/2022 - G56] - (640)(HOR) 29-6N-1W VAC 143159 HNTN, OTHERS EXT 660166 BPUNC, WDFD, HNTN, OTHERS POE TO BHL (BPUNC, HNTN) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL REC 8/15/2022 (THOMAS)</p>
PENDING CD - 202203154	<p>[8/22/2022 - G56] - (E.O.) 17, 20 & 29-16N-1W EST MULTIUNIT HORIZONTAL WELL X202202825 BPUNC, WDFD, HNTN 17-6N-1W X660166 BPUNC, WDFD, HNTN 20-6N-1W X202202826 BPUNC, WDFD, HNTN 29-6N-1W (BPUNC, HNTN ARE ADJACENT CSS TO WDFD) 35% 29-6N-1W 40% 20-6N-1W 25% 17-6N-1W NO OP NAMED REC 8/16/2022 (NORRIS)</p>
PENDING CD - 202203155	<p>[8/22/2022 - G56] - (E.O.) 17, 20 & 29-16N-1W X202202825 BPUNC, WDFD, HNTN 17-6N-1W X660166 BPUNC, WDFD, HNTN 20-6N-1W X202202826 BPUNC, WDFD, HNTN 29-6N-1W COMPL INT (29-6N-1W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL INT (20-6N-1W) NCT 0' FSL, NCT 0' FNL, NCT 330' FWL COMPL INT (17-6N-1W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP NAMED REC 8/16/2022 (NORRIS)</p>
SPACING - 660166	<p>[8/22/2022 - G56] - (640)(HOR) 20-6N-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 WITH SP # 271102 HNTN)</p>