

API NUMBER: 051 25008

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

Approval Date: 02/14/2023

Expiration Date: 08/14/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 30 Township: 5N Range: 5W County: GRADY

SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 760

Lease Name: PLAINVIEW Well No: 1-30-19XHW Well will be 250 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349000; 4052349000; OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC

OKLAHOMA CITY, OK 73126-8870

SU FAMILY TRUST, CHUN-KUANG SU & YIU-LAN SU, CO-TRUSTEES

12609 DEEP WOOD CREEK DRIVE

OKLAHOMA CITY OK 73142

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

	Name	Code	Depth
1	SYCAMORE	352SCMR	13440
2	WOODFORD	319WDFD	13508
3	HUNTON	269HNTN	13748

Spacing Orders: 158233
192589
231084
298973

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202205112
202205110
202205107
202205106

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 21933 Ground Elevation: 1069

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 300

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: 23-38875

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:** BED AQUIFER**Pit Location Formation:** DUNCAN**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:** BED AQUIFER**Pit Location Formation:** DUNCAN**MULTI UNIT HOLE 1**

Section: 19 Township: 5N Range: 5W Meridian: 1M

Total Length: 8200

County: GRADY

Measured Total Depth: 21933

Spot Location of End Point: S2 NW NW SW

True Vertical Depth: 14000

Feet From: **SOUTH** 1/4 Section Line: 2200End Point Location from
Lease, Unit, or Property Line: 330Feet From: **WEST** 1/4 Section Line: 330**NOTES:**

Category	Description
DEEP SURFACE CASING	[2/9/2023 - GC2] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	<p>[2/9/2023 - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; 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	[2/9/2023 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - ROARING CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202205106	<p>[2/14/2023 - G56] - (I.O.) 30 & 19-5N-5W EST MULTIUNIT HORIZONTAL WELL X158233 SCMR, WDFD, HNTN 30-5N-5W X192589/231084/298973 WDFD 19-5N-5W (SCMR, HNTN ARE ADJACENT CSS TO WDFD) 64% 30-5N-5W 36% 19-5N-5W NO OP NAMED REC 1/24/2023 (HUBER)</p>
PENDING CD - 202205107	<p>[2/14/2023 - G56] - (I.O.) 30 & 19-5N-5W X158233 SCMR, WDFD, HNTN 30-5N-5W X192589/231084/298973 WDFD 19-5N-5W COMPL INT (30-5N-5W) NCT 165' FSL, NCT 330' FEL, NCT 0' FNL, NCT 1320' FWL COMPL INT (19-5N-5W) NCT 0' FSL, NCT 1320' FWL, NCT 1320' FNL, NCT 330' FWL NO OP NAMED REC 1/24/2023 (HUBER)</p>
PENDING CD - 202205110	<p>[2/14/2023 - G56] - 19-5N-5W X192589/231084/298973 WDFD 2 WELLS NO OP NAMED REC 1/24/2023 (HUBER)</p>
PENDING CD - 202205112	<p>[2/14/2023 - G56] - 30-5N-5W X158233 WDFD 2 WELLS NO OP NAMED REC 1/24/2023 (HUBER)</p>
SPACING - 158233	<p>[2/14/2023 - G56] - (640) 30-5N-5W VAC OTHERS EXT 123502/VAR/100899 SCMR, WDFD, HNTN, OTHERS</p>
SPACING - 192589	<p>[2/14/2023 - G56] - (640) 19-5N-5W EST WDFD, OTHERS</p>
SPACING - 231084	[2/14/2023 - G56] - NPT ORDER 192589 TO EXT 94778/158233 WDFD RATHER THAN EST
SPACING - 298973	[2/14/2023 - G56] - NPT ORDER 231084 AS TO PARAGRAPH F
WATERSHED STRUCTURE	[2/9/2023 - GC2] - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING