API NUMBER: 107 23590

Straight Hole Oil & Gas

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

Approval Date: 05/02/2017
Expiration Date: 11/02/2017

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 12N Rge: 8E County: OKFUSKEE

SPOT LOCATION: [ ] [SE] [NW] [NW] FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**
SECTION LINES: **1650** **990**

Lease Name: JULIE **Well No: 2** **Well will be 330 feet from nearest unit or lease boundary.**

Operator Name: **C & C PRODUCTIONS LLC** Telephone: 9186870002; 9186870 OTC/OCC Number: 22829 0

C & C PRODUCTIONS LLC
PO BOX 1861
MUSKOGEE, OK 74402-1861

KEITH AND VIKKI KIRK
11716 SOUTH 95TH EAST AVENUE
BIXBY OK 74008

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

	Name	Depth		Name	Depth
1	RED FORK	2800	6	MISSISSIPPI	3628
2	BOOCH	3283	7	WOODFORD	4060
3	GILCREASE	3436	8	HUNTON	4090
4	UNION VALLEY	3556	9	VIOLA	4226
5	CROMWELL	3580	10	WILCOX	4276

Spacing Orders: 70018
581597

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4300 Ground Elevation: 906 **Surface Casing: 450** Depth to base of Treatable Water-Bearing FM: 400

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: WATER BASED
Chlorides Max: 3000 Average: 2000
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: 2
Liner not required for Category: 2
Pit Location is BED AQUIFER
Pit Location Formation: CHANUTE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX 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.

Category	Description
HYDRAULIC FRACTURING	4/26/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
SPACING	5/1/2017 - G60 - FORMATIONS UNSPACED: RDFK, MISS, & VIOL (40-ACRE LEASE NW4 NW4)
SPACING - 581597	5/1/2017 - G60 - (40) W2 13-12N-8E EST UNVL W2 W2 EST HNTN, WDFD, WLCX W2 EXT OTHER EXT 290315 GLCR NW4 EXT CMWL W2 NW4
SPACING - 70018	5/1/2017 - G60 - (40) W2 NW4 13-12N-8E EST BOCH