

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

API NUMBER: 107 23589

Approval Date: 02/10/2017

Expiration Date: 08/10/2017

Straight Hole

Oil & Gas

PERMIT TO DRILL

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

County: OKFUSKEE

SPOT LOCATION:

C

NE

SW

NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 990 990

Lease Name: JULIE

Well No: 1

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 & VIKKI KIRK

11716 SOUTH 95TH EAST AVENUE

BIXBY OK 74008

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

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

Spacing Orders: 581597
70018

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4300

Ground Elevation: 893

Surface Casing: 460

Depth to base of Treatable Water-Bearing FM: 410

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System:

A. Evaporation/dewater and backfilling of reserve pit.

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

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.

PIT 2 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

Notes:

Category

Description

HYDRAULIC FRACTURING

2/10/2017 - 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/](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 - 581597

2/10/2017 - G75 - (40) 13-12N-8E
EXT OTHER
EST UNVL W2 W2
EST WDFD, HNTN, VIOL, WLCX, OTHER W2
EXT 290315 GLCR NW4
EXT 290315 CMWL W2 NW4

SPACING - 70018

2/10/2017 - G75 - (40) W2 NW4 13-12N-8E
EST BOCH

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107 23589 JULIE 1