API NUMBER:	037	29381	B

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

Approval Date:	08/27/2019
Expiration Date:	02/27/2021

Straight Hole   Oil & Gas

Amend reason: CHANGE WELL LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION:	Section: 21	Township: 17N	Range: 9E	County: CREEK

SPOT LOCATION: | C | N2 | SE | NE | FEET FROM QUARTER: FROM **SOUTH**   FROM **WEST**

SECTION LINES: **990**   **1980**

Lease Name: HEYBURN BARTLESVILLE UNIT   Well No: 10   Well will be   660   feet from nearest unit or lease boundary.

Operator Name: CARTLEDGE & CARTLEDGE OIL COMPANY   Telephone: 9186715053; 9183213034   OTC/OCC Number: 11750 0

CARTLEDGE & CARTLEDGE OIL COMPANY INC

PO BOX 40

KIEFER,   OK   74041-0040

CARTLEDGE AND CARTLEDGE OIL CO

PO BOX 40

KIEFER   OK   74041

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

	Name	Code	Depth
1	DUTCHER	403DTCR	2400

Spacing Orders: No Spacing   Location Exception Orders: No Exceptions   Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending   Special Orders: No Special Orders

Total Depth: 2960   Ground Elevation: 791   **Surface Casing: 508**   IP   Depth to base of Treatable Water-Bearing FM: 340

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

NOTES:

Category	Description
HYDRAULIC FRACTURING	7/24/2019 - G71 - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE; 2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG
SPACING	7/14/2020 - G56 - DTCR UNSPACED; 160-ACRE LEASE (N2 NE4, SE4 NE4, NE4 SE4)

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.

037 29381 HEYBURN BARTLESVILLE UNIT 10