

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

API NUMBER: 145 23423

Approval Date: 08/23/2017
Expiration Date: 02/23/2018

Straight Hole Injection

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 17N Rge: 18E County: WAGONER
SPOT LOCATION: N2 NE NW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2320 990

Lease Name: **DUNKIN** Well No: **17-11D** Well will be **330** feet from nearest unit or lease boundary.
Operator Name: **W C T OPERATING LLC** Telephone: 4052642305 OTC/OCC Number: 22138 0

W C T OPERATING LLC
PO BOX 678
OKLAHOMA CITY, OK 73101-0678

DUNKIN FAMILIES LLC
5110 SOUTH YALE SUITE 400
TULSA OK 74105

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

	Name	Depth	Name	Depth
1	DUTCHER	400	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing Location Exception Orders: _____ Increased Density Orders: _____
Pending CD Numbers: _____ Special Orders: _____

Total Depth: 700 Ground Elevation: 574 **Surface Casing: 0** Depth to base of Treatable Water-Bearing FM: 40

Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.

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

PIT 1 INFORMATION

Type of Pit System: ON SITE
Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. CBL REQUIRED

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
ALTERNATE CASING	7/5/2017 - G71 - APPROVED; COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED. RULE 165: 10-3-4 (D)(4)(C)
HYDRAULIC FRACTURING	7/5/2017 - 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	8/23/2017 - G64 - N/A - INJECTION WELL
SURFACE LOCATION	8/23/2017 - G64 - 2320' FNL, 990' FWL PER OPERATOR

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145 23423 DUNKIN 17-11D