

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

API NUMBER: 071 24893

Approval Date: 08/14/2018
Expiration Date: 02/14/2019

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 25N Rge: 2E County: KAY
SPOT LOCATION: NE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 380 989

Lease Name: WILKERSON Well No: 4-8 Well will be 380 feet from nearest unit or lease boundary.
Operator Name: TWISTED OAK OPERATING LLC Telephone: 4056067481 OTC/OCC Number: 22261 0

TWISTED OAK OPERATING LLC
211 N ROBINSON STE 200
OKLAHOMA CITY, OK 73102

CLARA D WILKERSON LIVING TRUST
4300 SOUTH WEST STREET
PONCA CITY OK 74601

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

Name	Depth	Name	Depth
1 PONCA	900	6 SKINNER	3453
2 HOOVER	1516	7 RED FORK	3510
3 TONKAWA	2152	8 MISSISSIPPIAN	3636
4 LAYTON	2661	9	
5 CHECKERBOARD	2996	10	

Spacing Orders: 45247
45485

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4150

Ground Elevation: 1018

Surface Casing: 280

Depth to base of Treatable Water-Bearing FM: 230

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-35025

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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	<p>8/7/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
SPACING	8/14/2018 - G58 - FORMATIONS UNSPACED; 80 ACRE LEASE PER OP. (E2 SE4)
SPACING - 45247	8/14/2018 - G58 - (40) N2 SW4, SW4 SW4, SE4 8-25N-2E EXT 40500 MSSCT
SPACING - 45485	8/14/2018 - G58 - (40) N2 SW4, SW4 SW4, SE4 8-25N-2E EXT 40500 MSSCT THIS ORDER NAMES THE EXCEPTION WELL IN SEC 17

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