

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

API NUMBER: 011 23641 B

Approval Date: 08/23/2019

Expiration Date: 02/23/2021

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION: UPDATE FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 04 Township: 17N Range: 12W County: BLAINE

SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 245 380

Lease Name: HAIGLER Well No: 1-4H Well will be 245 feet from nearest unit or lease boundary.

Operator Name: COUNCIL OAK RESOURCES LLC Telephone: 9185842558 OTC/OCC Number: 23853 0

COUNCIL OAK RESOURCES LLC
1 W 3RD ST STE 1000
TULSA, OK 74103-3500

MICHAEL/ROBBIE HAIGLER REVOC TRUST
ROUTE 1 BOX 126
WATONGA OK 73772

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

Name	Code	Depth
1 MORROW SAND	402MWSD	8717
2 MISSISSIPPIAN	359MSSP	9818

Spacing Orders: 654667 Location Exception Orders: 661772 Increased Density Orders: No Density Orders
63396 709603

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

Total Depth: 14445 Ground Elevation: 1619 Surface Casing: 996 IP Depth to base of Treatable Water-Bearing FM: 80

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

Approved Method for disposal of Drilling Fluids:

HORIZONTAL HOLE 1

Section: 4 Township: 17N Range: 12W Total Length: 4797
County: BLAINE Measured Total Depth: 14445
Spot Location of End Point: NW NE NE NE True Vertical Depth: 10525
Feet From: NORTH 1/4 Section Line: 77 End Point Location from
Feet From: EAST 1/4 Section Line: 498 Lease, Unit, or Property Line: 77

NOTES:

Category	Description
HYDRAULIC FRACTURING	8/7/2019 - 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

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.

LOCATION EXCEPTION - 661772	8/7/2019 - G56 - (F.O.) 4-17N-12W X654667 MSSP SHL 245' FSL, 380' FEL COMPL INT FIRST PERF 171' FNL, 498' FEL; LAST PERF 561' FSL, 384' FEL COUNCIL OAK RESOURCES, LLC 3/9/2017
LOCATION EXCEPTION - 709603 (201902846)	3/17/2020 - G56 - (F.O.) 4-17N-12W X63396 MWSD SHL 245' FSL, 380' FEL ENTRY 145' FSL, 265' FEL EXIT 146' FSL, 265' FEL COUNCIL OAK RESOURCES, LLC 3/5/2020
SPACING - 63396	8/7/2019 - G56 - (640) 4-17N-12W EXT 60201/60805 MWSD
SPACING - 654667	8/7/2019 - G56 - (640)(HOR) 4-17N-12W VAC 125900 CSTR VAC 306399 MSSSD EST MSSP, OTHERS COMPL. INT. (MSSP) NLT 660' FB