

API NUMBER: 073 25645 B

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

Approval Date: 05/17/2017

Expiration Date: 11/17/2017

Horizontal Hole Oil & Gas

Amend reason: UPDATE OCC ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 20 Township: 18N Range: 7W County: KINGFISHER

SPOT LOCATION: NW NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 286 167

Lease Name: ANDREWS 1807 Well No: 17-1MH Well will be 167 feet from nearest unit or lease boundary.

Operator Name: CHISHOLM OIL & GAS OPERATING LLC Telephone: 9184886400 OTC/OCC Number: 23991 0

CHISHOLM OIL & GAS OPERATING LLC
1 W 3RD ST STE 1700
TULSA, OK 74103-3522

HENRY AND MIKE ANDREWS
1006 WEST FAY
KINGFISHER OK 73750

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

Name	Code	Depth
1 MISSISSIPPIAN SOLID	359MSSSD	7490

Spacing Orders: 634083

Location Exception Orders: 702439

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 13444

Ground Elevation: 1106

Surface Casing: 510

Depth to base of Treatable Water-Bearing FM: 270

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32580
H. (Other) CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

HORIZONTAL HOLE 1

Section: 17 Township: 18N Range: 7W Meridian: IM Total Length: 4984
County: KINGFISHER Measured Total Depth: 13444
Spot Location of End Point: N2 N2 NW NW True Vertical Depth: 7980
Feet From: NORTH 1/4 Section Line: 165 End Point Location from
Feet From: WEST 1/4 Section Line: 660 Lease, Unit, or Property Line: 165

NOTES:

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.

Category	Description
HYDRAULIC FRACTURING	5/12/2017 - 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
LOCATION EXCEPTION - 702439 (201903964)	3/30/2020 - GB6 - (I.O.) W2 17-18N-7W X634083 MSSSD COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 330' FWL CHISHOLM OIL AND GAS OPERATING, LLC 09/18/2019
SPACING - 634083	03/30/2020 - GB6 - (320) W2 17-18N-7W EST MSSSD, OTHERS COMPL. INT. (MSSSD) NCT 660' FB (COEXIST WITH SP. ORDER 68514 MSSSD)

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.

073 25645 ANDREWS 1807 17-1MH