

API NUMBER: 093 25246

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

Approval Date: 03/18/2020  
Expiration Date: 03/18/2022

Horizontal Hole Oil & Gas

**PERMIT TO DRILL**

**Extended**

WELL LOCATION: Section: 10 Township: 20N Range: 16W County: MAJOR

SPOT LOCATION: ☐ NW ☐ SE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 340 360

Lease Name: BRANSTETTER Well No: 10-15-1H Well will be 340 feet from nearest unit or lease boundary.  
Operator Name: COMANCHE EXPLORATION CO LLC Telephone: 4057555900 OTC/OCC Number: 20631 0

COMANCHE EXPLORATION CO LLC  
6520 N WESTERN AVE STE 300  
OKLAHOMA CITY, OK 73116-7334

GARY A. BRANSTETTER, AND HIS SUCCESSORS IN TRUST AS  
TRUST OF THE GARY A. BRANSTETTER  
P.O. BOX 349  
REVOCABLE TRUST DATED JUNE 6, 2017  
CUSHING OK 74023

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

Name	Code	Depth
1 MISSISSIPPIAN(MERAMEC-OSAGE)	359MNMCO	8075

Spacing Orders: 80607

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202000151

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 14588

Ground Elevation: 1783

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 540

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 20-37307

H. (Other)

SEE MEMO

**PIT 1 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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

**PIT 2 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

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.

**HORIZONTAL HOLE 1**

Section: 15	Township: 20N	Range: 16W	Meridian: IM	Total Length: 5464
	County: MAJOR			Measured Total Depth: 14588
Spot Location of End Point: SW	SE	SE	SE	True Vertical Depth: 9510
Feet From: <b>SOUTH</b>	1/4 Section Line: 135			End Point Location from
Feet From: <b>EAST</b>	1/4 Section Line: 360			Lease, Unit, or Property Line: 135

**NOTES:**

Category	Description
DEEP SURFACE CASING	3/2/2020 - GC2 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	3/2/2020 - GC2 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
INTERMEDIATE CASING	3/2/2020 - GC2 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
MEMO	3/2/2020 - GC2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000151	3/11/2020 - GC2 - (I.O.) 15-20N-16W X80607 MNMCO X165:10-3-28(C)(2)(B) MNMCO MAY BE CLOSER THAN 600' TO HEDRICK 3-10-1H COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC. 2-10-2020 (DENTON)
SPACING - 80607	3/11/2020 - GC2 - (640) 15-20N-16W EXT 76570 MNMCO, OTHERS



Comanche

Permit ex 9/18/21  
Surety ex 3/10/22  
OP # 20031

August 19, 2021

Approved for 6 Month  
Extension From  
9/18/21

8/20/21

CL

Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Technical Department  
P.O. Box 52000  
Oklahoma City, Oklahoma 73152-2000

Re: Permit to Drill, Form 1000 Extension of Time  
Branstetter 10-15-1H, API #35-093-25246  
Section 10-20N-16W  
Major County, Oklahoma

Dear Ms. Hullinger

Comanche Exploration Co, LLC hereby respectfully request an extension on the approved permit to drill the above well. All information included on the permit remains the same. We understand that only one period of extension will be granted and once that period has elapsed, Comanche Exploration Co, LLC must file a new permit with fee.

If you require additional information, please contact me at (405) 755-5900 Ext. 843. Thank you for your consideration.

Sincerely  
Comanche Exploration Co., LLC

*Carrie Renner*

Carrie Renner  
Engineering Analyst

RECEIVED

AUG 20 2021

OKLAHOMA CORPORATION  
COMMISSION

SD