

API NUMBER: 093 25245

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

Approval Date: 03/10/2020
Expiration Date: 03/10/2022

Horizontal Hole Oil & Gas

PERMIT TO DRILL

Extended

WELL LOCATION: Section: 08 Township: 20N Range: 15W County: MAJOR

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 230 810

Lease Name: RAM Well No: 8-5-1H Well will be 230 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

BRAZOS RESOURCES, LP, ROBERT G. BLAIR, MANAGER, BRM,
LLC, GENERAL PARTNER
6520 N WESTERN AVE STE 300
OKLAHOMA CITY OK 73116-

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

Name	Code	Depth
1 MISSISSIPPI LIME	351MSSLM	9019

Spacing Orders: 110453

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202000389
202000390

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 14784 Ground Elevation: 1802

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 460

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: 19-36861

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: 5	Township: 20N	Range: 15W	Meridian: IM	Total Length: 5805
	County: MAJOR			Measured Total Depth: 14784
Spot Location of End Point: NW	NE	NE	NE	True Vertical Depth: 9019
Feet From: NORTH	1/4 Section Line: 135			End Point Location from
Feet From: EAST	1/4 Section Line: 360			Lease, Unit, or Property Line: 135

NOTES:

Category	Description
DEEP SURFACE CASING	2/28/2020 - G71 - 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	2/28/2020 - 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
INTERMEDIATE CASING	2/28/2020 - G71 - 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	3/4/2020 - GC2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000389	3/10/2020 - GC2 - 5-20N-15W X110453 MSSLM 1 WELL NO OP. NAMED REC. 3-9-2020 (DENTON)
PENDING CD - 202000390	3/10/2020 - GC2 - (I.O.) 5-20N-15W X110453 MSSLM X165:10-3-28 (C)(2)(B) CRLM, MSSLM MAY BE CLOSER THAN 600' TO GAYLORD 1-5 COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC. 3-9-2020 (DENTON)
SPACING - 110453	3/10/2020 - GC2 - (640) 5-20N-15W EXT OTHERS EST MSSLM, OTHER



Permitex 9/10/21
Suretyex 3/10/22
Op # 20631
Comanche

August 17, 2021

Approved for 6 Month
Extension From
9/10/21

8/19/21

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
Ram 8-5-1H, API #35-093-25245
Section 08-20N-15W
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 17 2021

OKLAHOMA CORPORATION
COMMISSION

SD