

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

WELL NUMBER: 093 25240

Approval Date: 11/25/2019

Expiration Date: 11/25/2021

Horizontal Hole Oil & Gas

**PERMIT TO DRILL**

**Extended**

WELL LOCATION Section: 13 Township: 20N Range: 15W County: MAJOR

SPOT LOCATION: ☐ N1 ☐ N2 ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 510 1980

Lease Name: GEORGE Well No: 13-12-1H Well will be 510 feet from nearest pit or lease boundary.

Operator Name: COMANCHE EXPLORATION CO LLC Telephone: 4057555900 OTC/CD Number: 20631 0

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

GEORGE LOUIS WALTERS  
19611 PINEY PLACE COURT  
HOUSTON, TX 77094

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

Name	Code	Depth
1 MISS'AN LM	359MPLM	8975

Spacing Orders: 141045

Local Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 201904301

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

Special Orders: No Special Orders

201904302

Total Depth: 14321

Ground Elevation: 1779

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 430

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. On-time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-37089

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

**Canceled Per Op Request  
8/18/2021 SSM**

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: 12      Township: 20N      Range: 15W      Meridian: IM      Total Length: 5200  
                          County: MAJOR      Measured Total Depth: 14321  
 Spot Location of End Point: N2      N2      NE      NW      True Vertical Depth: 9100  
                          Feet From: **NORTH**      1/4 Section Line: 135      End Point Location from  
                          Feet From: **EAST**      1/4 Section Line: 1980      Lease, Unit, or Property Line: 135

## NOTES:

Category	Description
DEEP SURFACE CASING	11/13/2019 - 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	11/13/2019 - 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	11/13/2019 - 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	11/13/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201904301	11/25/2019 - GC2 - 12-20N-15W X141045 MPLM 1 WELL NO OP. NAMED REC. 10-30-2019 (DENTON)
PENDING CD - 201904302	11/25/2019 - GC2 - (I.O.) 12-20N-15W X141045 MPLM COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 560' FEL NO OP. NAMED REC. 10-30-2019 (DENTON)
SPACING - 141045	11/25/2019 - GC2 - (640) 12-20N-15W EXT 125423 MPLM EXT OTHER

Permit ex 5/25/21  
Surety ex 3/10/22



**Comanche** op#20631

April 14<sup>th</sup>, 2021

Approved for 6 Month

Extension From

5/25/21

4/14/21

CL

Oklahoma Corporation Commission  
Oil and Gas Conservation Division  
Jim Thorpe Building  
2101 N. Lincoln Blvd.  
Oklahoma City, OK 73105-4993

Re: Comanche Exploration Company, LLC  
Operator #20631  
George 13-12-1H  
API #093-25240  
Section 13-20N-15W  
N2 N2 NW NE  
Major County, OK

Attention: Technical Services/Drilling Permit

Comanche Exploration Company, LLC respectfully requests an extension for OCC Form 1000 (Permit To Drill) for the George 13-12-1H, expiration date to expire 05/25/2021.

Please find enclosed a copy of the drilling permit.

RECEIVED

APR 14 2021

Sincerely,

*Carrie Renner*

OKLAHOMA CORPORATION  
COMMISSION

Carrie Renner  
Engineering Analyst  
Comanche Exploration Company, LLC

**From:** [Carrie Renner](#)  
**To:** [OCC OG BTW](#)  
**Subject:** [EXTERNAL] George 13-12-1H - Major County / Cancel Amendment Filing - (Change to a New Drilling Permit)  
**Date:** Wednesday, August 18, 2021 11:21:58 AM  
**Attachments:** [image001.png](#)  
[George 13-12-1H Approved\(Extended\)OCC1000DrlgPermit04-14-21.pdf](#)  
[George 13-12-1H AmendedDrlgPermit OG PaymentAccepted.pdf](#)  
[George 13-12-1H Location Plat.pdf](#)

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Good morning,

I just submitted an Amendment to the Drilling Permit for the George 13-12-1H, API #093-25240 and instead of having it amended, would like to cancel the permit and restate it as a **new permit**.

Everything on the permit remains the same except moving the surface location from 510' FNL to 500' FNL. (Which would be moving it back 10'). I have attached the existing permit along with a new location plat showing the new footages. Also I have attached the receipt for filing for the Amended Drilling Permit a few minutes ago, please apply to the New Drilling Permit. (Form 1000).

Please let me know if I you may need something further.

[Operator #20631](#)  
[George 13-12-1H](#)  
[API #093-25240](#)  
[Sec. 13-20N-15W](#)  
[Major County, OK](#)

Thank you,

*Carrie Renner*  
*Engineering Analyst*



**Comanche**  
Exploration Company, L.L.C.

**Hawthorn Energy Partners, LLC**

Phone: (405) 755-5900 ext 843

Fax: (405) 507-0109

[crenner@comanchex.com](mailto:crenner@comanchex.com)