

API NUMBER: 017 25607 A

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

Approval Date: 02/21/2020

Expiration Date: 08/21/2021

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL & BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 12 Township: 12N Range: 7W County: CANADIAN

SPOT LOCATION: SW SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 197 2481

Lease Name: MATTERHORN 1207 Well No: 1LMH-12 Well will be 197 feet from nearest unit or lease boundary.

Operator Name: CHAPARRAL ENERGY LLC Telephone: 4054788770; 4054264481; OTC/OCC Number: 16896 0

CHAPARRAL ENERGY LLC
701 CEDAR LAKE BLVD
OKLAHOMA CITY, OK 73114-7800

EVANS FARMS, INC.
5905 EAST ELM STREET
EL RENO OK 73036

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

Name	Code	Depth
1 MISSISSIPPI	351MISS	9142

Spacing Orders: 130956

Location Exception Orders: 701003

Increased Density Orders: 698904

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 14400

Ground Elevation: 1305

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 330

Deep surface casing has been approved

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: 20-37275
H. SEE MEMO

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: ALLUVIAL

Pit Location Formation: ALLUVIUM

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: ALLUVIAL

Pit Location Formation: ALLUVIUM

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: 12N	Range: 7W	Total Length: 4976
County: CANADIAN			Measured Total Depth: 14400
Spot Location of End Point: NE	NW	NW	NE
Feet From: NORTH			1/4 Section Line: 150
Feet From: EAST			1/4 Section Line: 2170
			End Point Location from Lease, Unit, or Property Line: 150

NOTES:

Category	Description
DEEP SURFACE CASING	2/19/2020 - 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	2/19/2020 - 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
INCREASED DENSITY - 698904 (201902706)	2/21/2020 - G56 - 12-12N-7W X130956 MISS 3 WELLS CHAPARRAL ENERGY, LLC 7/9/2019
LOCATION EXCEPTION - 701003 (201902708)	2/21/2020 - G56 - (I.O.) 12-12N-7W X130956 MISS X165:10-3-28(C)(2)(B) MISS MAY BE CLOSER THAN 600' TO EVANS 1-12, EVANS 12-3 WELLS COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 330' FEL CHAPARRAL ENERGY, LLC 8/19/2019
MEMO	2/19/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SIX MILE CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 130956	2/21/2020 - G56 - (640) 12-12N-7W EST OTHERS EXT 127748 MISS

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.

017 25607 MATTERHORN 1207 1LMH-12

EXHIBIT: A
SHEET: 11x17

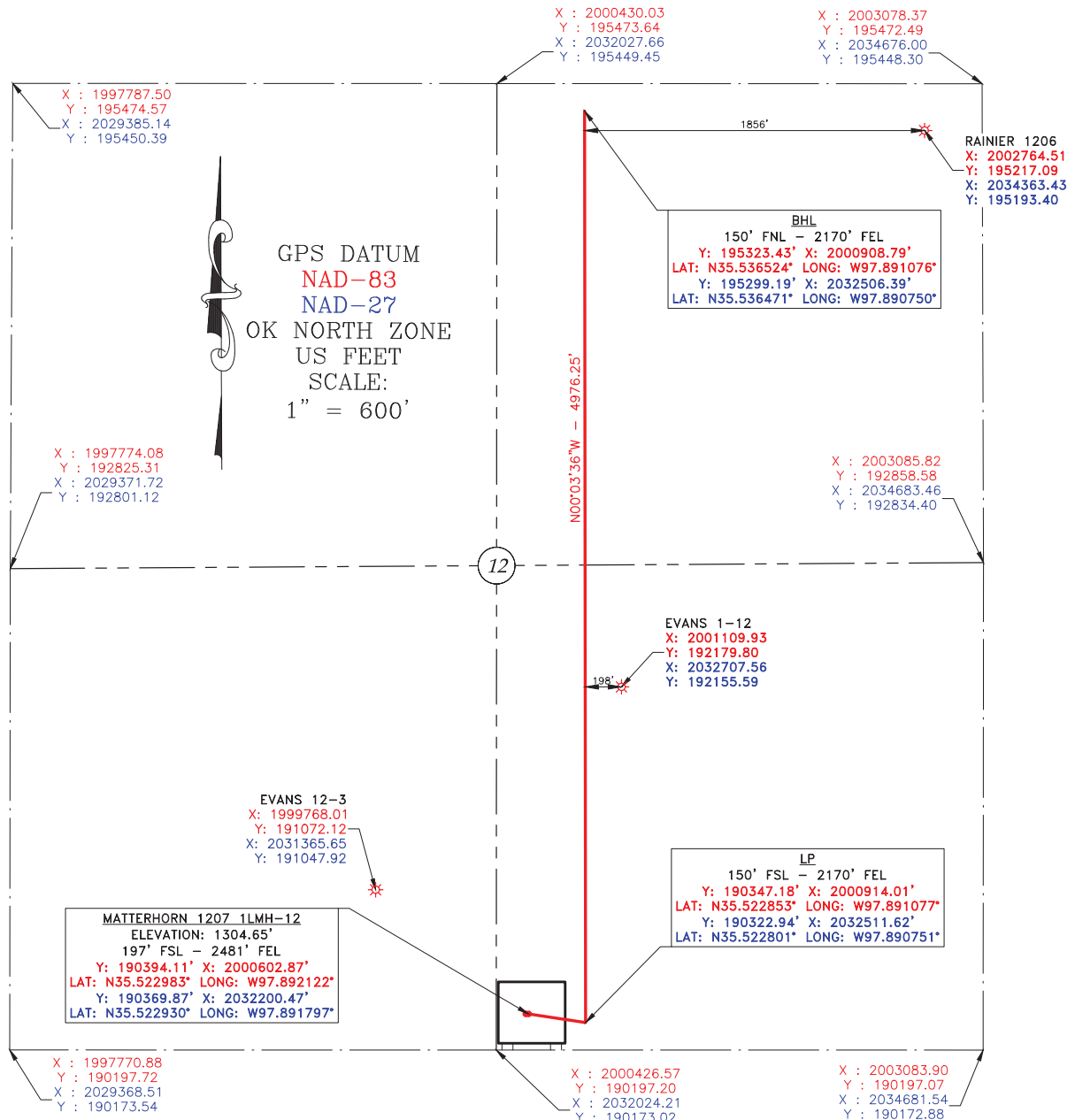
MATTERHORN 1207 1LMH-12

Section 12 Township 12N Range 7W I.M.

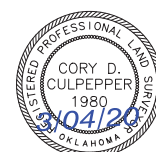
County CANADIAN State Oklahoma

Operator Chaparral Energy

WELL LOCATION PLAT



Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Pan-Op promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true Boundary Survey.



CERTIFICATE:

I, Cory D. Culpepper an Oklahoma Licensed Land Surveyor and an authorized agent of Pan-Op, LLC, do hereby certify to the information shown herein.

C. Culpepper 3/04/20
Oklahoma RPLS
No. 1980

PAN-OP
SURVEY & CONSULTING

Prepared By:
Pan-Op Survey & Consulting, LLC
11900 N. MacArthur Blvd.
Suite C2
Oklahoma City, OK 73162
CA# 8166

DATE STAKED: 2/3/2020