

API NUMBER: 017 25602 A

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

Approval Date: 02/19/2020

Expiration Date: 08/19/2021

Multi Unit Oil & Gas

Amend reason: UPDATE APPLICATIONS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 28 Township: 12N Range: 7W County: CANADIAN

SPOT LOCATION: SW SW SW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 2466 2388

Lease Name: HUBBARD 1207 Well No: 2SMHX-28 Well will be 2388 feet from nearest unit or lease boundary.

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

CHAPARRAL ENERGY LLC
4700 GAILLARDIA PKWY STE 200
OKLAHOMA CITY, OK 73142-1839

STEVEN JENSEN
707 SOUTH HOFF
EL RENO OK 73036

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	9630

Spacing Orders: 681784 Location Exception Orders: 694783 Increased Density Orders: 710026
690431 710025
708766
694782

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 17150 Ground Elevation: 1367

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 380

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: 20-37265
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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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.

MULTI UNIT HOLE 1

Section: 21	Township: 12N	Range: 7W	Meridian: IM	Total Length: 7758
County: CANADIAN				Measured Total Depth: 17150
Spot Location of End Point: NW	NE	NW	NE	True Vertical Depth: 9925
Feet From: NORTH	1/4 Section Line: 150		End Point Location from	
Feet From: EAST	1/4 Section Line: 1830		Lease, Unit, or Property Line: 150	

NOTES:

Category	Description
DEEP SURFACE CASING	2/12/2020 - 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	2/12/2020 - 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 - 710025 (202000139)	1/11/2021 - G56 - 21-12N-7W X690431 MSSP 2 WELLS NO OP NAMED 3/18/2020
INCREASED DENSITY - 710026 (202000140)	1/11/2021 - G56 - 28-12N-7W X681784/708766 MSSP 2 WELLS NO OP NAMED 3/18/2021
LOCATION EXCEPTION - 694783	[1/11/2021 - G56] - (I.O.) 21 & 28-12N-7W X690431 MSSP 21-12N-7W X681784 MSSP 28-12N-7W COMPL. INT. (28-12N-7W) NCT 330' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (21-12N-7W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL CHAPARRAL ENERGY, LLC 4/17/2019
MEMO	2/12/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SIX MILE CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 681784	2/13/2020 - G56 - (640)(HOR) 28-12N-7W EXT 661894 MSSP, OTHER POE TO BHL NCT 660' FB
SPACING - 690431	2/13/2020 - G56 - (640)(HOR) 21-12N-7W EXT 661894 MSSP, OTHER POE TO BHL NCT 660' FB (COEXIST WITH SP. ORDER #147489 MSSP)
SPACING - 694782	[1/11/2021 - G56] - (I.O.) 21 & 28-12N-7W EST MULTIUNIT HORIZONTAL WELL X690431 MSSP 21-12N-7W X681784 MSSP 28-12N-7W 33% 28-12N-7W 67% 21-12N-7W CHAPARRAL ENERGY LLC. 4/17/2019
SPACING - 708766	2/18/2020 - G56 - NPT CORRECTING SP # 681784 MSSP TO COEXIST WITH SP # 165642 MSSP IN 28-12N-7W