

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

API NUMBER: 049 24612 D

Approval Date: 07/31/2019

Expiration Date: 01/31/2021

Straight Hole Oil & Gas

Amend reason: OCC CORRECT: UPDATE SPACING

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 1N Rge: 2W

County: GARVIN

SPOT LOCATION: C NW NE NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2310 1650

Lease Name: HARRELL

Well No: A-9

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: CIMAREX ENERGY CO OF COLORADO

Telephone: 9185851100

OTC/OCC Number: 3653 0

CIMAREX ENERGY CO OF COLORADO
202 S CHEYENNE AVE STE 1000
TULSA, OK 74103-3001

JOHNNY & CHARLENA HARRELL
RR. 1, BOX 4
FOSTER OK 73434

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

	Name	Depth		Name	Depth
1	SYCAMORE OVERTHRUSTED	7500	6	MCLISH	10371
2	SYCAMORE	8269	7		
3	WOODFORD	8524	8		
4	HUNTON	8778	9		
5	BROMIDE	9631	10		

Spacing Orders: 449918
27000
19912
24469

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 10830

Ground Elevation: 999

Surface Casing: 1523 IP

Depth to base of Treatable Water-Bearing FM: 810

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

Notes:

Category

Description

HYDRAULIC FRACTURING

5/16/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

SPACING - 19912

7/30/2019 - G56 - (40) 7-1N-2W
EST BRMD

This permit does not address the right of entry or settlement of surface damages.

049 24612 HARRELL A-9

The duration of this permit is SIX 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.

Category	Description
SPACING - 24469	7/30/2019 - G56 - (40) 7-1N-2W EST MCLS
SPACING - 27000	7/30/2019 - G56 - (40) 7-1N-2W EST HNTN
SPACING - 449918	7/30/2019 - G56 - (40) E2 NW4 7-1N-2W VAC 251505 SCMR EST OTHER EXT OTHERS EXT 442164 SCMR EXT 448138 SCOTD, WDFD, OTHERS