

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

API NUMBER: 051 24423

Approval Date: 07/24/2018

Expiration Date: 07/24/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 10N Rge: 7W

County: GRADY

SPOT LOCATION: ☐ NE ☐ SE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 865 277

Lease Name: GINGERBREAD

Well No: 1H-1324X

Well will be 277 feet from nearest unit or lease boundary.

Operator Name: CIMAREX ENERGY CO

Telephone: 9185851100

OTC/OCC Number: 21194 0

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

WHB CATTLE, LP
P O BOX 25429
OKLAHOMA CITY OK 73125

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	10004	6	
2	WOODFORD	10587	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804197
201804198
201804199
201804200

Special Orders:

Total Depth: 20181

Ground Elevation: 1237

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 140

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-33871
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN COUNTY)

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

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.

HORIZONTAL HOLE 1

Sec 24 Twp 10N Rge 7W County GRADY

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 9944

Radius of Turn: 658

Direction: 185

Total Length: 9203

Measured Total Depth: 20181

True Vertical Depth: 10600

End Point Location from Lease,
Unit, or Property Line: 150

Notes:

Category	Description
DEEP SURFACE CASING	6/6/2018 - 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	6/6/2018 - 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
PENDING CD - 201804197	6/12/2018 - G58 - (640)(HOR) 13 & 24-10N-7W EST MSSLM EXT 677765 WDFD COMPL. INT. (MSSLM) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 107705 MSSLM) REC 7/6/2018 (DUNN)
PENDING CD - 201804198	6/12/2018 - G58 - (I.O.) 13 & 24-10N-7W EST MULTIUNIT HORIZONTAL WELL (WDFD IS ADJACENT COMMON SOURCE OF SUPPLY TO MSSLM) X201804197 MSSLM, WDFD (13 & 24-10N-7W) 50% 13-10N-7W 50% 24-10N-7W NO OP. NAMED REC 7/6/2018 (DUNN)
PENDING CD - 201804199	6/12/2018 - G58 - (I.O.) 13 & 24-10N-7W X201804197 MSSLM, WDFD (13 & 24-10N-7W) COMPL. INT. (13-10N-7W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL COMPL. INT. (24-10N-7W) NCT 0' FNL, NCT 150' FSL, NCT 330' FEL NO OP. NAMED REC 7/6/2018 (DUNN)
PENDING CD - 201804200	6/20/2018 - G58 - (I.O.) 24-10N-7W X165:10-3-28(C)(2)(B) MSSLM (GINGERBREAD 1H-1324X) MAY BE CLOSER THAN 600' BRAUM A 1 WELL MAY BE CLOSER THAN 600' FROM THE WH 1-24 WELL REC 7/6/2018 (DUNN)

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051 24423 GINGERBREAD 1H-1324X

Cimarex Energy Co.
202 S. Cheyenne Ave
Suite 1000
Tulsa, Oklahoma 74103-3001
MAIN 918.585.1100
FAX 918.585.1133

Permit ex 1/24/19
Surety ex 8/12/19
Operator # 21194



December 5, 2018

Oklahoma Corporation Commission
Oil & Gas Division; Virginia Hullinger
P O Box 52000
Oklahoma City, OK 73152-2000

RE: Permit Extension Request
Well Name: Gingerbread ✓ 1H-1324X
API: 051-24423 ✓
Location: 13-10N-07W ✓
County: Grady ✓

Dear Ms. Virginia Hullinger,

Cimarex Energy Co. respectfully requests a six-month extension on the approved Gingerbread permit. The permit will expire on January 24, 2019. All permit information will remain as originally filed.

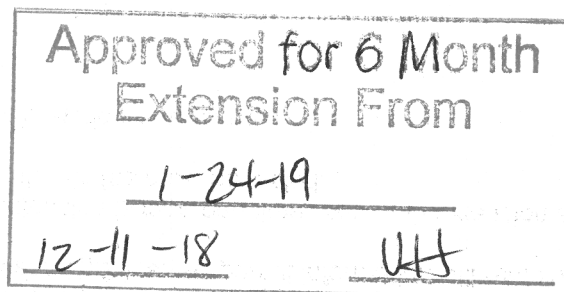
We understand the granted extension is for a one-time six-month extension and that once the extension period has lapsed, a new permit with fee must be refiled.

Please contact me if further information is required.

Sincerely,

Rhonda Sheldon

Rhonda Sheldon
Regulatory Technician
918-295-1709
rsheldon@cimarex.com



RECEIVED
DEC 10 2018
Oklahoma Corporation
Commission