

API NUMBER: 051 24574 B

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

Approval Date: 02/11/2019
Expiration Date: 08/11/2020

Multi Unit Oil & Gas

Amend reason: UPDATE FORMATIONS; CHANGE TARGET FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 27 Township: 10N Range: 7W County: GRADY

SPOT LOCATION: NE NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 270 260

Lease Name: WILL ROGERS 1007 22-15 Well No: 1MH Well will be 260 feet from nearest unit or lease boundary.
Operator Name: CAMINO NATURAL RESOURCES LLC Telephone: 7204052706 OTC/OCC Number: 24097 0

CAMINO NATURAL RESOURCES LLC
1401 17TH ST STE 1000
DENVER, CO 80202-1247

JOE W AND ARLENE MCCOMAS REV TRUST
PO BOX 489
MINCO OK 73059

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

	Name	Code	Depth
1	MISSISSIPPI LIME	351MSSLM	10400
2	MISSISSIPPIAN	359MSSP	10829

Spacing Orders: 107705 Location Exception Orders: 709660 Increased Density Orders: 702366
664890
709659

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 18986 Ground Elevation: 1322 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 280

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: 19-36210
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: 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

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: 15	Township: 10N	Range: 7W	Total Length: 7249
County: GRADY			Measured Total Depth: 18986
Spot Location of End Point: NW	NE	NE	SE
Feet From: SOUTH	1/4 Section Line: 2619		True Vertical Depth: 10985
Feet From: EAST	1/4 Section Line: 396		End Point Location from Lease, Unit, or Property Line: 396

NOTES:

Category	Description
DEEP SURFACE CASING	2/4/2019 - 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	2/4/2019 - 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 - 702366	5/7/2020 - G56 - 15-10N-7W X107705 MSSLM 2 WELLS NO OP NAMED 9/17/2019
LOCATION EXCEPTION - 709660 (201806877)	5/7/2020 - G56 - (F.O.) 22 & 15-10N-7W X664890 MSSP, OTHERS 22-10N-7W X107705 MSSLM, OTHER 15-10N-7W COMPL. INT. (22-10N-7W) FIRST PERF 167' FSL, 429' FEL, LAST PERF 0' FNL, 368' FEL COMPL. INT. (15-10N-7W) FIRST PERF 0' FSL, 368' FEL, LAST PERF 2544' FSL, 398' FEL CAMINO NATURAL RESOURCES, LLC 3/9/2020
MEMO	2/4/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 107705	5/7/2020 - G56 - (640) 15 & 22-10N-7W EXT OTHERS EXT 82467/101638 HNTN (VAC SEC 22 BY 664890) EXT 98732 MSSLM, CSTR,(VAC SEC 22 BY 664890) OTHERS
SPACING - 664890	5/7/2020 - G56 - (640)(HOR) 22-10N-7W VAC 107705 CSTR, MSSLM, HNTN EST MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPACING - 709659 (201806876)	5/7/2020 - G56 - (F.O.) 22 & 15-10N-7W EST MULTIUNIT HORIZONTAL WELL X664890 MSSP, OTHERS 22-10N-7W X107705 MSSLM, OTHER 15-10N-7W 66.7667% 22-10N-7W 33.2333% 15-10N-7W CAMINO NATURAL RESOURCES, LLC 3/9/2020

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051 24574 WILL ROGERS 1007 22-15 1MH