

API NUMBER: 017 25216 B

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

Approval Date: 04/26/2018
Expiration Date: 10/26/2018

Multi Unit Oil & Gas

Amend reason: CHANGE SHL. UPDATE OCC ORDERS.

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 19 Township: 12N Range: 7W County: CANADIAN

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 214 765

Lease Name: VINITA 1207 Well No: 19-18-1MXH Well will be 214 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

RUTH MITTELSTAEDT
4000 SOUTH COUNTRY CLUB ROAD
EL RENO OK 73014

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	10070

Spacing Orders: 147489
680832

Location Exception Orders: 679481

Increased Density Orders: 705909
705910

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 20430

Ground Elevation: 1407

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 370

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: 18-34320
H. SEE MEMO

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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: DOG CREEK

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: DOG CREEK

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: 18	Township: 12N	Range: 7W	Total Length: 9957
County: CANADIAN			Measured Total Depth: 20430
Spot Location of End Point: NW	NE	NE	True Vertical Depth: 10222
Feet From: NORTH	1/4 Section Line: 100		End Point Location from
Feet From: EAST	1/4 Section Line: 404		Lease, Unit, or Property Line: 100

NOTES:

Category	Description
DEEP SURFACE CASING	4/19/2018 - 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	4/19/2018 - 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: OCCWEB.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 - 705909 (201801956)	03/16/2020 - GB6 - 18-12N-7W X147489 MSSP 1 WELL CAMINO NATURAL RESOURCES, LLC 12/05/2019
INCREASED DENSITY - 705910 (201801957)	03/16/2020 - GB6 - 19-12N-7W X147489 MSSP 1 WELL CAMINO NATURAL RESOURCES, LLC 12/05/2019
LOCATION EXCEPTION - 679481 (201801955)	03/16/2020- GB6 - (I.O.) 18 & 19-12N-7W X147489 MSSP (18 & 19-12N-7W) COMPL. INT. (19-12N-7W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (18-12N-7W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL CAMINO NATURAL RESOURCES, LLC 06/22/2018
MEMO	4/19/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 147489	4/26/2018 - G58 - (640) 18 & 19-12N-7W EXT OTHERS EXT 124533/146122 MSSP
SPACING - 680832 (201801954)	03/16/2020 - GB6 - (I.O.) 18 & 19-12N-7W EST MULTIUNIT HORIZONTAL WELL X147489 MSSP (18 & 19-12N-7W) 50% (18-12N-7W) 50% (19-12N-7W) CAMINO NATURAL RESOURCES, LLC 08/01/2018

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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 25216 VINITA 1207 19-18-1MXH