API NUMBER: 017 25633 Α OKLAHOMA CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION** P.O. BOX 52000 **OKLAHOMA CITY, OK 73152-2000** (Rule 165:10-3-1)

Approval Date:	10/05/2020
Expiration Date:	04/05/2022

Multi Unit Oil & Gas

Amend reason: CHANGE FROM STATIGRAPHIC TEST TO

## AMEND PERMIT TO DRILL

GAS WELL			<u> </u>	VILIAD	· I - I \ I		<u></u>			
WELL LOCATION:	Section:	13 Township:	11N Range	e: 7W	County: CA	NADIAN				
POT LOCATION:	NE SE	SW SW	FEET FROM QUARTE	R: FROM	SOUTH	FROM WEST				
			SECTION LINE	S:	617	1022				
ease Name:	FLYCATCHER	1107		Well No:	13-12-1MXI	н	Well will be	617 fe	et from nearest unit	or lease boundary.
perator Name:	CAMINO NATU	JRAL RESOURCES L	LC	Telephone:	7204052729	Э			OTC/OCC Num	ber: 24097 0
CAMINO NAT 1401 17TH S' DENVER,		DURCES LLC	80202-1247			EMMETT & RU LINDA WRIGH 10242 HIGHW	IT TRUSTEE	REVOC	ABLE LIVING T	RUST
,						LINDSAY		1	OK 73052	
ormation(s)	(Permit Val	id for Listed Form	nations Only):							
Name		Code		Depth						
MISSISSIPP	PIAN	359MS	SP	9773						
WOODFORE	D	319WD	FD	9977						
, ,	139291 657136 492907 652677		Loc	ation Excep	tion Orders:	No Exceptions		Increas	sed Density Orders:	No Density Orders
Panding CD Number				\A/l-i i t-	aroot owners	notified. ***			Special Orders:	No Special Orders

Pending CD Numbers: 202001527

202001525 202001526

202001528

Total Depth: 17774 Ground Elevation: 1337 Surface Casing: 1500

Working interest owners' notified:

Depth to base of Treatable Water-Bearing FM: 450

Deep surface casing has been approved

Under Federal Jurisdiction: No Approved Method for disposal of Drilling Fluids: Fresh Water Supply Well Drilled: No D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 20-37403 Surface Water used to Drill: Yes 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 is not located in a Hydrologically Sensitive Area.

Pit

**PIT 2 INFORMATION** Type of Pit System: CLOSED Closed System Means Steel Pits

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

Type of Mud System: OIL BASED

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

Category of Pit: C Liner not required for Category: C

> Pit Location is: NON HSA Pit Location Formation: dog creek

MULTI UNIT HOLE 1

Section: 13 Township: 11N Range: 7W Meridian: IM Total Length: 7600

County: CANADIAN Measured Total Depth: 17774

Spot Location of End Point: E2 W2 W2 W2 True Vertical Depth: 10000

Feet From: **SOUTH** 1/4 Section Line: 2640 End Point Location from

Feet From: **WEST** 1/4 Section Line: 380 Lease, Unit, or Property Line: 2640

## NOTES:

NOTES:	
Category	Description
DEEP SURFACE CASING	9/4/2020 - GC2 - 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	9/4/2020 - GC2 - 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 - 71740 (202001525)	9/8/2020 - GC2 - 12-11N-7W X492907 MSSLM 1 WELL NO OP NAMED 10-2-2020
МЕМО	9/4/2020 - GC2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202001526	9/8/2020 - GC2 - 13-11N-7W X139291 MSSLM 1 WELL NO OP NAMED REC. 10-7-2020 (P. PORTER)
PENDING CD - 202001527	9/8/2020 - GC2 - (I.O.) 12 & 13-11N-7W EST MULTIUNIT HORIZONTAL WELL X492907 MSSLM 12-11N-7W X652677 WDFD 12-11N-7W X139291 MSSLM 13-11N-7W X657136 WDFD 13-11N-7W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSLM) 33% 12-11N-7W 67% 13-11N-7W NO OP. NAMED REC. 10-7-2020 (P. PORTER)
PENDING CD - 202001528	9/8/2020 - GC2 - (I.O.) 12 & 13-11N-7W X492907 MSSLM 12-11N-7W X652677 WDFD 12-11N-7W X139291 MSSLM 13-11N-7W X657136 WDFD 13-11N-7W COMPL. INT. (13-11N-7W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (12-11N-7W) NCT 0' FSL, NCT 2640' FNL, NCT 330' FWL NO OP. NAMED REC. 10-7-2020 (P. PORTER)
SPACING - 139291	9/8/2020 - GC2 - (640) 12&13-11N-7W EXT OTHERS EST MSSLM (VAC BY 210465 12-11N-7W)
SPACING - 492907	9/8/2020 - GC2 - (640) 12-11N-7W VAC 210465 EXT 139291 MSSLM EXT OTHERS EST OTHER

SPACING - 652677	9/8/2020 - GC2 - (640)(HOR) 12-11N-7W EST WDFD COMPL. INT. 165' FNL/FSL, 330' FEL/FWL
SPACING - 657136	9/8/2020 - GC2 - (640)(HOR) 13-11N-7W EST WDFD COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST EXISTING NON-HORIZONTAL SPACING UNITS)

# CAMINO Well Location Plat

Operator: CAMINO NATURAL RESOURCES, LLC Lease Name and No.: FLYCATCHER 1107 13-12-1MXH

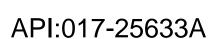
Surface Hole Location: 617' FSL - 1022' FWL Gr. Elevation: 1337' NE/4-SE/4-SW/4-SW/4 Section: 13 Township: 11N Range: 7W I.M.

Bottom Hole Location: 2640' FSL - 380' FWL

NE/4-NW/4-NW/4-SW/4 Section: 12 Township: 11N Range: 7W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell in an open crop field.



S.H.L. Sec. 13-11N-7W I.M.

B.H.L. Sec. 12-11N-7W I.M.

1" = 1320'

**GPS DATUM NAD 83 NAD 27 OK NORTH ZONE** 

Surface Hole Loc.: Lat: 35°25'21.30"N Lon: 97°53'53.94"W Lat: 35.42258450 Lon: -97.89831645 X: 1998798 Y: 153846

Surface Hole Loc. Lat: 35°25'21.10"N Lon: 97°53'52.77"W Lat: 35.42252844 Lon: -97.89799188 X: 2030395 Y: 153821

First Take Point: Lat: 35°25'16.85"N Lon: 97°54'01.71"W Lat: 35.42134727 Lon: -97.90047406 X: 1998155 Y: 153395

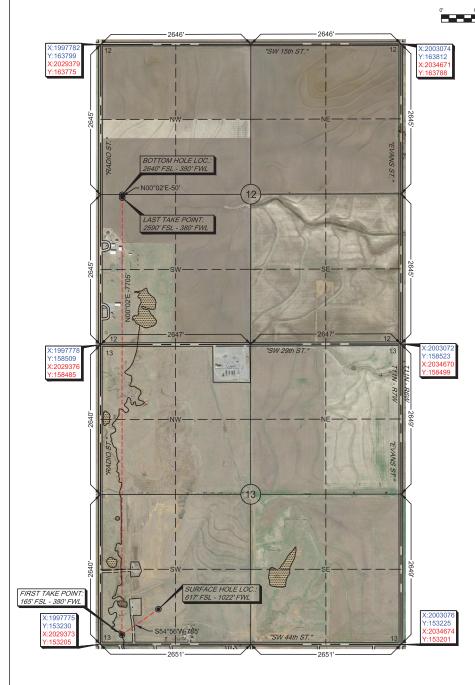
First Take Point: Lat: 35°25'16.65"N Lon: 97°54'00.54"W Lat: 35.42129119 Lon: -97.90014944 X: 2029753 Y: 153370

Last Take Point: Lat: 35°26'33.05"N Lon: 97°54'01.56"W Lat: 35.44251491 Lon: -97.90043224 X: 1998160 Y: 161100

Last Take Point: Lat: 35°26'32.85"N Lon: 97°54'00.39"W Lat: 35.44245954 Lon: -97.90010741 X: 2029757 Y: 161076

Bottom Hole Loc.: Lat: 35°26'33.55"N Lon: 97°54'01.56"W Lat: 35.44265227 Lon: -97.90043195 X: 1998160 Y: 161150

Bottom Hole Loc.: Lat: 35°26'33.35"N Lon: 97°54'00.39"W Lat: 35.44259690 Lon: -97.90010712 X: 2029757 Y: 161126



-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not quaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. -NOTE: X and Y data shown hereon for Section Conners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Coutser's Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Survey and plat by: Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030 Certificate of Authorization No. 5348 Expires June 30, 2022

Invoice #9104-A
Date Staked: 09/01/2020
Date Drawn: 09/02/2020 By: Z.D.

### Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

09/02/2020 OK LPLS 1664



#### S.H.L. Sec. 13-11N-7W I.M. CAMINO Well Location Plat B.H.L. Sec. 12-11N-7W I.M. Operator: CAMINO NATURAL RESOURCES, LLC Lease Name and No.: FLYCATCHER 1107 13-12-1MXH Surface Hole Location: 617' FSL - 1022' FWL Gr. Elevation: 1337' NE/4-SE/4-SW/4-SW/4 Section: 13 Township: 11N Range: 7W I.M. Bottom Hole Location: 2640' FSL - 380' FWL NE/4-NW/4-NW/4-SW/4 Section: 12 Township: 11N Range: 7W I.M. County: Canadian State of Oklahoma Terrain at Loc.: Location fell in an open crop field. All bearings shown are grid bearings. 1" = 1320' 2646' "SW 15th ST. **GPS DATUM** 1:163812 **NAD 83 NAD 27** OK NORTH ZONE Surface Hole Loc.: Lat: 35°25'21.30"N Lon: 97°53'53.94"W Lat: 35.42258450 Lon: -97.89831645 "EVANS ST." X: 1998798 BOTTOM HOLE LOC. 2640' FSL - 380' FWL Y: 153846 Surface Hole Loc. N00°02'E-50 Lat: 35°25'21.10"N 12 Lon: 97°53'52.77"W Lat: 35.42252844 LAST TAKE POINT: 2590' FSL - 380' FWL Lon: -97.89799188 X: 2030395 Y: 153821 First Take Point: Lat: 35°25'16.85"N Lon: 97°54'01.71"\ Lat: 35.42134727 Lon: -97.90047406 X: 1998155 Y: 153395 First Take Point: Lat: 35°25'16.65"N Lon: 97°54'00.54"W 13 Lat: 35.42129119 Lon: -97.90014944 X: 2029753 Y: 153370 Last Take Point: Lat: 35°26'33.05"N Lon: 97°54'01.56"W Lat: 35.44251491 Lon: -97.90043224 EVANS ST. "RADIO X: 1998160 Y: 161100 Last Take Point: Lat: 35°26'32.85"N 13 Lon: 97°54'00.39"W Lat: 35.44245954 Lon: -97.90010741 X: 2029757 Y: 161076 Bottom Hole Loc.: **\** Lat: 35°26'33.55"N Lon: 97°54'01.56"W Lat: 35.44265227 SURFACE HOLE LOC FIRST TAKE POINT 165' FSL - 380' FWL Lon: -97.90043195 X: 1998160 :200307 :153225 Y: 161150 S54°56'W-785' Bottom Hole Loc. Lat: 35°26'33.35"N Lon: 97°54'00.39"W Lat: 35.44259690 Lon: -97.90010712 X: 2029757 Y: 161126

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LANCE G. MATHIS

09/02/2020 OK LPLS 1664

