

API NUMBER: 137 27619 A

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

Approval Date: 02/23/2021
Expiration Date: 08/23/2022

Multi Unit Oil & Gas

Amend reason: UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 22 Township: 1S Range: 4W County: STEPHENS

SPOT LOCATION: ☐ SW ☐ NE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 705 485

Lease Name: THE DUKE 0104 Well No: 23-14-1MXH Well will be 485 feet from nearest unit or lease boundary.
Operator Name: CAMINO NATURAL RESOURCES LLC Telephone: 7204052729 OTC/OCC Number: 24097 0

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

JOHN C GILBY TRUST; BARBARA A GILBY TRUST
PO BOX 36
VELMA OK 73491

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

	Name	Code	Depth
1	CANEY	354CNEY	8474
2	SYCAMORE	352SCMR	8632
3	WOODFORD	319WDFD	8922

Spacing Orders: 717423 Location Exception Orders: 717531 Increased Density Orders: No Density Orders
717421
717422
717530

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: No Special Orders
Total Depth: 19125 Ground Elevation: 965 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 290

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: 21-37534
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

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: WELLINGTON

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: BED AQUIFER

Pit Location Formation: WELLINGTON

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: 14	Township: 1S	Range: 4W	Meridian: IM	Total Length: 11332
County: STEPHENS				Measured Total Depth: 19125
Spot Location of End Point: NE	NW	NW	NW	True Vertical Depth: 9000
Feet From: NORTH	1/4 Section Line: 100		End Point Location from	
Feet From: WEST	1/4 Section Line: 380		Lease, Unit, or Property Line: 100	

NOTES:

Category	Description
DEEP SURFACE CASING	[2/19/2021 - 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	<p>[2/19/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
LOCATION EXCEPTION - 717531 (202001655)	<p>[4/30/2021 - GC2] - (I.O.) 23 & 14-1S-4W X717421 SCMR 14-1S-4W X717422 CNEY, WDFD 14-1S-4W X717423 CNEY, SCMR, WDFD 23-1S-4W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO COLE UNIT 1 F/K/A MURCHISON 8 AND WASHINGTON 3 SHL (26-1S-4W) APPROX. 165' FNL, NCT 330' FEL COMPL. INT. (23-1S-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (14-1S-4W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP NAMED 3-31-2021</p>
MEMO	[2/19/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 717421	<p>[4/30/2021 - GC2] - (640)(320)(HOR) 14 & E2 15-1S-4W VAC OTHER VAC 402346 SCMR NW4 & N2 SW4 14 & NE4 & N2 SE4 15-1S-4W EST SCMR 14-1S-4W (640) EST OTHER (320) COMPL. INT. (SCMR) NLT 660' FB (COEXIST SP. ORDER # 92200 SCRM NW4 AND N2 SW4 OF 14; ORDER #92200/103155 NE4 SCRM NE4 OF 14)</p>
SPACING - 717422	<p>[4/30/2021 - GC2] - (640)(HOR) 14-1S-4W VAC OTHER EST CNEY, WDFD COMPL. INT. (CNEY) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL</p>
SPACING - 717423	<p>[4/29/2021 - GC2] - (640)(HOR) 23-1S-4W VAC 92200 SCMR VAC 345845 CNEY, WDFD EST CNEY, SCMR, WDFD COMPL. INT. (CNEY, SCMR) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL</p>

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.

SPACING - 717530 (202001654)

[4/30/2021 - GC2] - (I.O.) 23 & 14-1S-4W
EST MULTIUNIT HORIZONTAL WELL
X717421 SCMR 14-1S-4W
X717422 CNEY, WDFD 14-1S-4W
X717423 CNEY, SCMR, WDFD 23-1S-4W
(CNEY, WDFD ADJACENT COMMON SOURCE OF SUPPLY TO SCMR)
50% 23-1S-4W
50% 14-1S-4W
CAMINO NATURAL RESOURCES, LLC
3-31-2021

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