

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

API NUMBER: 051 24390 A

Approval Date: 06/20/2018
Expiration Date: 12/20/2019

Horizontal Hole
Oil & Gas
Multi Unit

Amend reason: CHANGE SHL & BHL, ADD FORMATIONS, UPDATE
ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 5N Rge: 6W County: GRADY
SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 270 271

Lease Name: WITT 0506 Well No: 3-10-1H Well will be 270 feet from nearest unit or lease boundary.
Operator CAMINO NATURAL RESOURCES LLC Telephone: 7204052706 OTC/OCC Number: 24097 0
Name:

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

RICKY LEE FULTON
PO BOX 126
ALEX OK 73002

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN(ABOVE SYCAMORE)	15121	6	
2	MAYES	15209	7	
3	SYCAMORE	15270	8	
4	WOODFORD	15374	9	
5			10	

Spacing Orders: 655144
678919

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900350
201900337
201900351
201900352

Special Orders:

Total Depth: 22828 Ground Elevation: 1121 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

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 BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34715
H. SEE MEMO

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.

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: DUNCAN

HORIZONTAL HOLE 1

Sec 10 Twp 5N Rge 6W County GRADY

Spot Location of End Point: W2 E2 E2 E2

Feet From: NORTH 1/4 Section Line: 2640

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 14500

Radius of Turn: 411

Direction: 181

Total Length: 7683

Measured Total Depth: 22828

True Vertical Depth: 16199

End Point Location from Lease,
Unit, or Property Line: 380

Notes:

Category

Description

DEEP SURFACE CASING

1/16/2019 - 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

1/16/2019 - 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

MEMO

1/16/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201900337

1/23/2019 - G56 - (E.O.)(640)(HOR) 3-5N-6W
EST MYES
COMPL INT NLT 660' FB
REC 1/22/2019 (JOHNSON) PER ATTORNEY FOR OPERATOR

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

051 24390 WITT 0506 3-10-1H

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.

Category	Description
PENDING CD - 201900350	<p>1/23/2019 - G56 - (E.O.) 3 & 10-5N-6W ESTABLISH MULTIUNIT HORIZONTAL WELL X201900337 MYES 3-5N-6W X655144 SCMR, WDFD 3-5N-6W X678919 SCMR, WDFD 10-5N-6W X687379 MSPAS 10-5N-6W (SCMR IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MYES, WDFD 3-5N-6W)*** (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSPAS, SCMR 10-5N-6W)*** 67% 3-5N-6W 33% 10-5N-6W CAMINO NATURAL RESOURCES, LLC REC 1/22/2019 (JOHNSON) PER ATTORNEY FOR OPERATOR</p> <p>***DUE TO FAULTING MYES & WDFD ARE DESIGNATED AS TARGET FM IN SECTION 3 PER OPERATOR</p>
PENDING CD - 201900351	<p>1/23/2019 - G56 - (E.O.) 3 & 10-5N-6W X201900337 MYES 3-5N-6W X655144 SCMR, WDFD 3-5N-6W X678919 SCMR, WDFD 10-5N-6W X687379 MSPAS 10-5N-6W COMPL INT (3-5N-6W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL COMPL INT (10-5N-6W) NCT 0' FNL, NCT 2640' FSL, NCT 330' FEL CAMINO NATURAL RESOURCES, LLC REC 1/22/2019 (JOHNSON) PER ATTORNEY FOR OPERATOR</p>
PENDING CD - 201900352	<p>1/23/2019 - G56 - 10-5N-6W X687379 MSPAS 1 WELL NO OP NAMED HEARING 2/4/2019</p>
SPACING - 655144	<p>1/23/2019 - G56 - (640)(HOR) 3-5N-6W VAC 600247 SCMR, WDFD, OTHER EST SCMR, WDFD, OTHER POE TO BHL (SCMR) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL/FSL NCT 330' FEL/FWL</p>
SPACING - 678919	<p>1/23/2019 - G56 - (640)(HOR) 10-5N-6W EXT 655144 SCMR, WDFD, OTHER POE TO BHL (SCMR) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL</p>
SPACING - 687379	<p>1/23/2019 - G56 - (640)(HOR) 10-5N-6W EST MSPAS POE TO BHL NCT 660' FB</p>

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