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

API NUMBER: 051 24625 A

Approval Date: 05/03/2019
Expiration Date: 11/03/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: OCC CORRECTION: LE NPT ORDER NUMBER

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 5N Rge: 5W County: GRADY

SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM **SOUTH** FROM **EAST**
SECTION LINES: **266** **608**

Lease Name: NORTH RYAN **Well No: 5-5X8H** **Well will be 266 feet from nearest unit or lease boundary.**

Operator Name: **GULFPORT MIDCON LLC** Telephone: 4052524600 OTC/OCC Number: 24020 0

GULFPORT MIDCON LLC
3001 QUAIL SPRINGS PKWY
OKLAHOMA CITY, OK 73134-2640

DON MITCHUSSON
3667 COUNTY STREET 2940
BRADLEY OK 73011

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

	Name	Depth		Name	Depth
1	SYCAMORE	13491	6		
2	WOODFORD	13805	7		
3	HUNTON	14027	8		
4			9		
5			10		

Spacing Orders: 197445, 184780, 693182

Location Exception Orders: 692102, 694977

Increased Density Orders: 690042, 690043

Pending CD Numbers:

Special Orders:

Total Depth: 21655 Ground Elevation: 1143 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 270

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

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: DUNCAN

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36394
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 08 Twp 4N Rge 5W County GRADY

Spot Location of End Point: S2 SW SW NE

Feet From: NORTH 1/4 Section Line: 2480

Feet From: EAST 1/4 Section Line: 2310

Depth of Deviation: 13355

Radius of Turn: 685

Direction: 184

Total Length: 7224

Measured Total Depth: 21655

True Vertical Depth: 14027

End Point Location from Lease,
Unit, or Property Line: 2310

Notes:

Category	Description
DEEP SURFACE CASING	5/1/2019 - 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	5/1/2019 - 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 - 690042	5/3/2019 - G56 - 5-4N-5W X197445 WDFD 5 WELLS NO OP NAMED 1/18/2019
INCREASED DENSITY - 690043	5/3/2019 - G56 - 8-4N-5W X184780/197445 WDFD 5 WELLS NO OP NAMED 1/18/2019

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Category	Description
LOCATION EXCEPTION - 692102	5/3/2019 - G56 - (I.O.) 5 & 8-4N-5W X197445 SCMR, WDFD, HNTN 5 & 8-4N-5W X184780 SCMR, HNTN 8-4N-5W X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO JOHNSON ROGERS 4-17X8H, JOHNSON ROGERS 5-17X8H, JOHNSON ROGERS 6-17X8H, SHAWN 1-5, NORTH RYAN 4-5X8H, NORTH RYAN 5-5X8H WELLS COMPL INT (5-4N-5W) NCT 150', NCT 0' FSL, NCT 2000' FEL COMPL INT (8-4N-5W) NCT 0' FNL, NCT 2300' FSL, NCT 2000' FEL NO OP NAMED 2/27/2019
LOCATION EXCEPTION - 694977	5/3/2019 - G56 - NPT ORDER # 692102 TO CORRECT THE TABLE ON PAGE 2 , PARAGRAPH 6 FROM NORTH RYAN 5-5X8H TO NORTH RYAN 6-5X8H
MEMO	5/1/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 184780	5/3/2019 - G56 - (640) 8-4N-5W EXT OTHERS EXT 134400/146081 SCMR, HNTN, OTHERS
SPACING - 197445	5/3/2019 - G56 - (640) 5 & 8-4N-5W EST SCMR, WDFD, HNTN, OTHERS
SPACING - 693182	5/3/2019 - G56 - (I.O.) 5 & 8-4N-5W ESTABLISH MULTIUNIT HORIZONTAL WELL X197445 SCMR, WDFD, HNTN 5 & 8-4N-5W X184780 SCMR, HNTN 8-4N-5W (SCMR, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 66.67% 5-4N-5W 33.33% 8-4N-5W NO OP NAMED 3/20/2019

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