

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

Approval Date: 05/03/2019

Expiration Date: 11/03/2020

Horizontal Hole  
Oil & Gas  
Multi Unit

PERMIT TO DRILL

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

County: GRADY

SPOT LOCATION:

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 MITCHUSON  
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

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: 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](http://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](http://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

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.

051 24625 NORTH RYAN 5-5X8H

| Category                    | Description  |
|-----------------------------|--|
| LOCATION EXCEPTION - 692102 | <p>5/3/2019 - G56 - (I.O.) 5 &amp; 8-4N-5W<br/> X197445 SCMR, WDFD, HNTN 5 &amp; 8-4N-5W<br/> X184780 SCMR, HNTN 8-4N-5W<br/> 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 AND/OR PROPOSED WELLS<br/> COMPL INT (5-4N-5W) NCT 150', NCT 0' FSL, NCT 2000' FEL<br/> COMPL INT (8-4N-5W) NCT 0' FNL, NCT 2300' FSL, NCT 2000' FEL<br/> NO OP NAMED<br/> 2/27/2019</p> |
| LOCATION EXCEPTION - 692102 | <p>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</p>  |
| MEMO                        | <p>5/1/2019 - G71 - PITS 1 &amp; 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>  |
| SPACING - 184780            | <p>5/3/2019 - G56 - (640) 8-4N-5W<br/> EXT OTHERS<br/> EXT 134400/146081 SCMR, HNTN, OTHERS</p>  |
| SPACING - 197445            | <p>5/3/2019 - G56 - (640) 5 &amp; 8-4N-5W<br/> EST SCMR, WDFD, HNTN, OTHERS</p>  |
| SPACING - 693182            | <p>5/3/2019 - G56 - (I.O.) 5 &amp; 8-4N-5W<br/> ESTABLISH MULTIUNIT HORIZONTAL WELL<br/> X197445 SCMR, WDFD, HNTN 5 &amp; 8-4N-5W<br/> X184780 SCMR, HNTN 8-4N-5W<br/> (SCMR, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)<br/> 66.67% 5-4N-5W<br/> 33.33% 8-4N-5W<br/> NO OP NAMED<br/> 3/20/2019</p>  |



# Well Location Plat

S.H.L. Sec. 32-5N-5W I.M.  
B.H.L. Sec. 8-4N-5W I.M.

Operator: GULFPORT MIDCON, LLC

Lease Name and No.: NORTH RYAN 5-5X8H

Footage: 266' FSL - 608' FEL Gr. Elevation: 1143'

Section: 32 Township: 5N Range: 5W I.M.

County: Grady State of Oklahoma

Terrain at Loc.: Location fell in flat open pasture with timber on west side of pad.



All bearings shown  
are grid bearings.

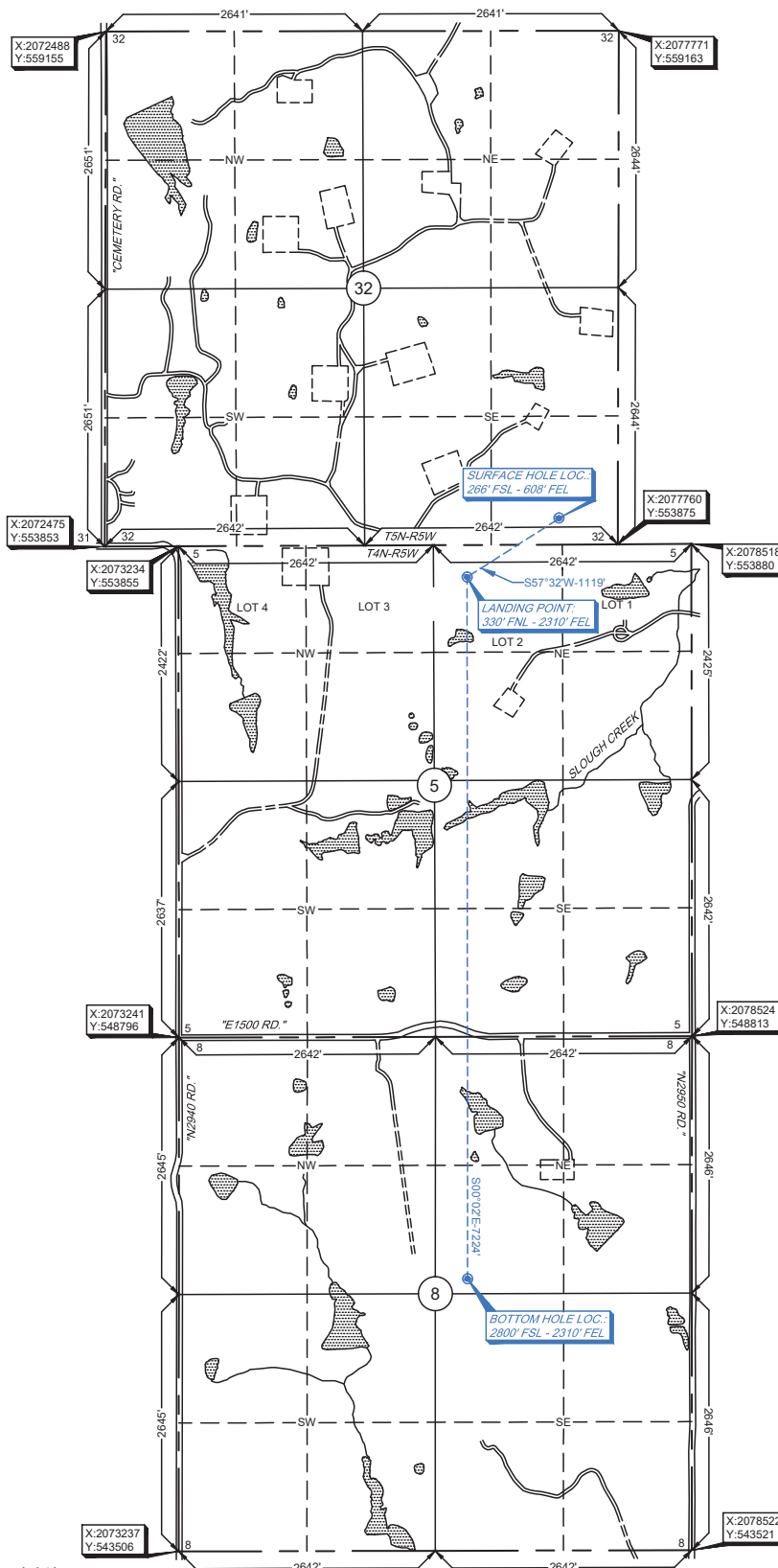
0' 750' 1500' 2250'  
1" = 1500'

GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 34°51'20.83"N  
Lon: 97°44'34.22"W  
Lat: 34.85578538  
Lon: -97.74283891  
X: 2077153  
Y: 554139

Landing Point:  
Lat: 34°51'14.91"N  
Lon: 97°44'45.57"W  
Lat: 34.85414125  
Lon: -97.74599180  
X: 2076208  
Y: 555358

Bottom Hole Loc.:  
Lat: 34°50'03.45"N  
Lon: 97°44'45.73"W  
Lat: 34.83429133  
Lon: -97.74603597  
X: 2076213  
Y: 546314



Please note that this location was stated on the ground under the supervision of a licensed Professional Land Surveyor. The location is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inaccuracy is determined. GPS data is observed from RTK - GPS. -NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and therefore, does NOT represent a true boundary survey. The location is shown as a proportionate distance from opposing section corners, 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, 2020

Invoice #8092-B-A  
Date Staked: 01/08/19 By: D.K.  
Date Drawn: 01/11/19 By: E.W.  
Rev. LP & BHL: 02/28/19 By: C.K.

## 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.

*Lance G. Mathis*  
LANCE G. MATHIS

03/04/19

OK LPLS 1664

