

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

API NUMBER: 051 24514

Approval Date: 11/05/2018

Expiration Date: 05/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 9N Rge: 5W

County: GRADY

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 395 1150

Lease Name: LARRY 26-23-9-5

Well No: 1MXH

Well will be 395 feet from nearest unit or lease boundary.

Operator Name: ROAN RESOURCES LLC

Telephone: 4052412150

OTC/OCC Number: 24127 0

ROAN RESOURCES LLC  
14701 HERTZ QUAIL SPRINGS PKWY  
OKLAHOMA CITY, OK 73134-2641

LARRY WAYNE STACY  
307 HOFFMAN DRIVE  
NORMAN OK 73026

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9749	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 653331  
655130

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808177  
201808178  
201808175  
201808176

Special Orders:

Total Depth: 19099

Ground Elevation: 1328

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 450

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

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? Y

Wellhead Protection Area? Y

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-35662

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: ON SITE

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? Y

Wellhead Protection Area? Y

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 3

Liner required for Category: 3

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 23 Twp 9N Rge 5W County GRADY

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 65

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 9000

Radius of Turn: 477

Direction: 5

Total Length: 9350

Measured Total Depth: 19099

True Vertical Depth: 9749

End Point Location from Lease,  
Unit, or Property Line: 65

Notes:

Category

Description

HYDRAULIC FRACTURING

11/2/2018 - GA8 - 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)

MEMO

11/2/2018 - GA8 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201808175

11/5/2018 - G75 - 26-9N-5W  
X653331 MSSP  
1 WELL  
NO OP. NAMED  
HEARING 11-13-2018

PENDING CD - 201808176

11/5/2018 - G75 - 23-9N-5W  
X655130 MSSP  
1 WELL  
NO OP. NAMED  
HEARING 11-13-2018

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

051 24514 LARRY 26-23-9-5 1MXH

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 - 201808177	11/5/2018 - G75 - (I.O.) 26 & 23-9N-5W EST MULTIUNIT HORIZONTAL WELL X653331 MSSP 26-9N-5W X655130 MSSP 23-9N-5W 50% 26-9N-5W 50% 23-9N-5W NO OP. NAMED REC 10-29-2018 (P. PORTER)
PENDING CD - 201808178	11/5/2018 - G75 - (I.O.) 26 & 23-9N-5W X653331 MSSP 26-9N-5W X655130 MSSP 23-9N-5W COMPL. INT. (26-9N-5W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (23-9N-5W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC 10-29-2018 (P. PORTER)
PUBLIC WATER SUPPLY WELL	11/2/2018 - GA8 - BELLCO, 1 PWS/WPA, SW4 26-9N-5W
SPACING - 653331	11/2/2018 - G75 - (640)(HOR) 26-9N-5W EST MSSP, OTHER POE TO BHL NCT 660' FB
SPACING - 655130	11/2/2018 - G75 - (640)(HOR) 23-9N-5W EST MSSP, OTHER POE TO BHL NCT 660' FB

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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.

