

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

API NUMBER: 017 25308 A

Approval Date: 11/02/2018  
Expiration Date: 05/02/2020

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION TO CORRECT SURFACE HOLE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 10N Rge: 7W

County: CANADIAN

SPOT LOCATION:  NW  NE  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 260 765

Lease Name: MAD PLAY 5-8-10-7

Well No: 1WXH

Well will be 260 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

GARY G MARGARET R STRAKA TRUSTEES OF THE STRAKA  
9305 REFORMATORY ST  
GRANTOR TRUST 7/21/2015  
UNION CITY OK 73090

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

Name	Depth	Name	Depth
1 WOODFORD	11180	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 673284

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807930  
201807934

Special Orders:

Total Depth: 19100

Ground Elevation: 1255

**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: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 30000 Average: 5000

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 18-35582

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? N
Wellhead Protection Area? N
Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 3
Liner required for Category: 3
Pit Location is ALLUVIAL
Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 08 Twp 10N Rge 7W County CANADIAN
Spot Location of End Point: W2 W2 W2 W2
Feet From: NORTH 1/4 Section Line: 2640
Feet From: WEST 1/4 Section Line: 300
Depth of Deviation: 10425
Radius of Turn: 575
Direction: 185
Total Length: 7772
Measured Total Depth: 19100
True Vertical Depth: 11180
End Point Location from Lease,
Unit, or Property Line: 300

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, MEMO, and PENDING CD - 201807930 with detailed descriptions.

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.

Category	Description
PENDING CD - 201807934	10/26/2018 - G58 - (E.O.) 5 & 8-10N-7W X673284 WDFD 5 & 8-10N-7W XOTHERS COMPL. INT. 5-10N-7W NCT 0' FSL, NCT 150' FNL, NCT 250' FWL COMPL. INT. 8-10N-7W NCT 0' FNL, NCT 1320' FSL, NCT 250' FWL NO OP. NAMED REC 10/16/2018 (DUNN)
SPACING - 673284	10/26/2018 - G58 - (640)(HOR) 5 & 8-10N-7W EST WDFD POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL

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.