

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

API NUMBER: 017 25374 A

Approval Date: 01/23/2019

Expiration Date: 07/23/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: CHANGE WELL NAME; ADD FORMATION;
CHANGE BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 11N Rge: 6W

County: CANADIAN

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 325 1760

Lease Name: SKYWALKER 34-27-11-6

Well No: 2MXH

Well will be 325 feet from nearest unit or lease boundary.

Operator ROAN RESOURCES LLC
Name:

Telephone: 4058968453

OTC/OCC Number: 24127 0

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

CARPENTER FAMILY LLC
13801 SW 89TH
MUSTANG OK 73064

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9424	6	
2	WOODFORD	9504	7	
3			8	
4			9	
5			10	

Spacing Orders: 654420
694511

Location Exception Orders:

Increased Density Orders: 695330
695813
690464
696417

Pending CD Numbers: 201808620
201808621

Special Orders:

Total Depth: 20064

Ground Elevation: 1278

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 18-35607

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 27 Twp 11N Rge 6W County CANADIAN

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 65

Feet From: WEST 1/4 Section Line: 2180

Depth of Deviation: 8890

Radius of Turn: 601

Direction: 1

Total Length: 10230

Measured Total Depth: 20064

True Vertical Depth: 9504

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

Notes:

Category

Description

DEEP SURFACE CASING

11/5/2018 - GA8 - 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

11/5/2018 - 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; 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 - 690464

5/17/2019 - GB1 - 27-11N-6W
X654420 MSSP
3 WELLS
ROAN RESOURCES, LLC
1/28/2019

INCREASED DENSITY - 695330

5/17/2019 - GB1 - 34-11N-6W
X694511 WDFD
4 WELLS
ROAN RESOURCES LLC
4/30/2019

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

017 25374 SKYWALKER 34-27-11-6 2MXH

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Category	Description
INCREASED DENSITY - 695813	5/17/2019 - GB1 - 27-11N-6W X654420 WDFD 5 WELLS ROAN RESOURCES, LLC 5/8/2019
INCREASED DENSITY - 696417	5/17/2019 - GB1 - 34-11N-6W X694511 MSSP 2 WELLS NO OP. NAMED 5/21/2019
MEMO	11/5/2018 - GA8 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - DRY CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201808620	5/17/2019 - GB1 - (I.O.) 27 & 34-11N-6W EST MULTIUNIT HORIZONTAL WELL X654420 MSSP, WDFD 27-11N-6W X201808617 MSSP, WDFD 34-11N-6W 50% 27-11N-6W 50% 34-11N-6W ROAN RESOURCES, LLC REC. 11/27/2018 (DENTON)
PENDING CD - 201808621	5/17/2019 - GB1 - (I.O.) 27 & 34-11N-6W X201808617 MSSP, WDFD 34-11N-6W X654420 MSSP, WDFD 27-11N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' FROM CARPENTER 34-1 COMPL. INT. (34-11N-6W) NCT 230' FSL***, NCT 0' FNL, NCT 1760' FWL COMPL. INT. (27-11N-6W) NCT 0' FSL, NCT 165' FNL, NCT 1760' FWL, NCT 1880' FWL NO OP. NAMED REC. 11/27/2018 (DENTON)
	*** WILL BE CORRECTED AT FINAL HEARING TO SAY NCT 165' FSL PER ATTORNEY FOR OPERATOR
SPACING - 654420	5/17/2019 - GB1 - (640)(HOR) 27-11N-6W EST MSSP, WDFD POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. # 274674 WDFD, KDRK NE4; SP # 243683 MISS)
SPACING - 694511	5/17/2019 - GB1 - (640)(HOR) 34-11N-6W VAC 667592 WDFD EST MSSP, WDFD POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 165' & FSL, NCT 330' FEL & FWL (COEXIST SP # 231308 MSSP)

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