

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

API NUMBER: 017 25369 A

Approval Date: 01/16/2019

Expiration Date: 07/16/2020

Horizontal Hole
Multi Unit

Oil & Gas

Amend reason: ADDED ADDITIONAL FORMATION AND UPDATED
WELL NAME

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 11N Rge: 6W

County: CANADIAN

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 270 1250

Lease Name: TATER 27-34-11-6

Well No: 1MXH

Well will be 270 feet from nearest unit or lease boundary.

Operator
Name: ROAN RESOURCES LLC

Telephone: 4058968453

OTC/OCC Number: 24127 0

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

BETTY JEAN REVOCABLE TRUST
16145 SW 59TH STREET
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9084	6	
2	WOODFORD	9124	7	
3			8	
4			9	
5			10	

Spacing Orders: 654420
694511

Location Exception Orders:

Increased Density Orders: 695813
695330
690464
696417

Pending CD Numbers: 201808627
201808628

Special Orders:

Total Depth: 19684

Ground Elevation: 1378

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 80

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? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

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: 18-35610

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 34 Twp 11N Rge 6W County CANADIAN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 65

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 8446

Radius of Turn: 575

Direction: 175

Total Length: 10335

Measured Total Depth: 19684

True Vertical Depth: 9124

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

Notes:

Category	Description
INCREASED DENSITY - 690464	8/12/2019 - GB6 - 27-11N-6W X654420 MSSP 3 WELLS NO OP. NAMED 1/28/2019
INCREASED DENSITY - 695330	11/6/2018 - G58 - 34-11N-6W X694511 WDFD 4 WELLS NO OP. NAMED 4/30/2019
INCREASED DENSITY - 695813	11/6/2018 - G58 - 27-11N-6W X654420 WDFD 5 WELLS NO OP. NAMED 5/8/2019
INCREASED DENSITY - 696417	8/12/2019 - GB6 - 34-11N-6W X694511 MSSP 2 WELLS NO OP. NAMED 5/21/2019

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017 25369 TATER 27-34-11-6 1MXH

Category	Description
PENDING CD - 201808627	<p>11/6/2018 - G58 - (I.O.) 27 & 34-11N-6W EST MULTIUNIT HORIZONTAL WELL X654420 WDFD* 27-11N-6W X694511 WDFD* 34-11N-6W 50% 27-11N-6W 50% 34-11N-6W NO OP. NAMED REC 11/13/2018 (JACKSON)</p> <p>*AMENDED TO NAME MSSP AS TARGETED RESERVOIR. (WDFD IS ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) REC 8/6/2019 (MINMIER)</p>
PENDING CD - 201808628	<p>11/6/2018 - G58 - (I.O.) 27 & 34-11N-6W X654420 WDFD* 27-11N-6W X694511 WDFD* 34-11N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO HARGIS 1-34 COMPL. INT. 27-11N-6W NCT 270' FNL**, NCT 0' FSL, NCT 400' FEL*** COMPL. INT. 34-11N-6W NCT 0' FNL, NCT 165' FSL, NCT 400' FEL NO OP. NAMED REC 11/13/2018 (JACKSON)</p> <p>*AMENDED BY ADDING MSSP REC. 8/6/2019 (MINMIER) **AMENDED TO 165' FNL AT HEARING PER ATTORNEY FOR OP. *** AMENDED BY ADDING NCT 1250' FEL FOR FIRST PERF REC. 8/6/2019 (MINMIER)</p>
SPACING - 654420	<p>11/6/2018 - G58 - (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. ORDER 243683 MISS, 274674 KDRK, WDFD)</p>
SPACING - 694511	<p>11/6/2018 - G58 - (640)(HOR) 34-11N-6W VAC 667592 WDFD EST WDFD, MSSP POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL POE TO BHL (MSSP) NCT 660' FB (COEXIST SP. ORDER 231308 MSSP)</p>