

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

API NUMBER: 017 25290 A

Approval Date: 10/30/2018
Expiration Date: 04/30/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: SHL UPDATED

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 10N Rge: 6W County: CANADIAN
SPOT LOCATION: NE NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 275 1930

Lease Name: EARL 2-11-10-6 Well No: 1MXH Well will be 275 feet from nearest unit or lease boundary.

Operator ROAN RESOURCES LLC Telephone: 4058968453 OTC/OCC Number: 24127 0
Name:

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

EARL LEON FAUBION
6908 S VILLA AVE
OKLAHOMA CITY OK 73159

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9360	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806683
201806684
201806681
201806682
201806696
201806698

Special Orders:

Total Depth: 19891 Ground Elevation: 1305 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 440

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.
- B. Solidification of pit contents.
- D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35279
- 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 11 Twp 10N Rge 6W County CANADIAN
Spot Location of End Point: SE SE SE SW
Feet From: SOUTH 1/4 Section Line: 65
Feet From: WEST 1/4 Section Line: 2450
Depth of Deviation: 8704
Radius of Turn: 575
Direction: 170
Total Length: 10284
Measured Total Depth: 19891
True Vertical Depth: 9360
End Point Location from Lease,
Unit, or Property Line: 65

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, MEMO, and PENDING CD - 201806681 with detailed descriptions.

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Category	Description
PENDING CD - 201806682	9/19/2018 - G58 - (E.O.)(640)(HOR) 11-10N-6W EXT 658363 MSSP POE TO BHL NLT 660' FB (COEXIST SP ORDER 96483 MISS) REC 10/22/2018 (NORRIS)
PENDING CD - 201806683	9/19/2018 - G58 - (I.O.) 2 & 11-10N-6W EST MULTIUNIT HORIZONTAL WELL X201806681 MSSP 2-10N-6W X201806682 MSSP 11-10N-6W 50% 2-10N-6W 50% 11-10N-6W NO OP. NAMED REC 10/22/2018 (NORRIS)
PENDING CD - 201806684	9/19/2018 - G58 - (I.O.) 2 & 11-10N-6W X201806681 MSSP 2-10N-6W X201806682 MSSP 11-10N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELL COMPL. INT. 2-10N-6W NCT 165' FNL, NCT 0' FSL, NCT 2450' FWL COMPL. INT. 11-10N-6W NCT 0' FNL, NCT 165' FSL, NCT 2450' FWL NO OP. NAMED REC 10/22/2018 (NORRIS)
PENDING CD - 201806696	9/19/2018 - G58 - 2-10N-6W X201806681 MSSP 2 WELLS NO OP. NAMED HEARING 10/30/2018
PENDING CD - 201806698	9/19/2018 - G58 - 11-10N-6W X201806682 MSSP 2 WELLS NO OP. NAMED HEARING 10/30/2018

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