

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

API NUMBER: 017 25292 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: 255 1930

Lease Name: EARL 2-11-10-6 Well No: 3MXH Well will be 255 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	9340	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806687
201806688
201806681
201806682
201806696
201806698

Special Orders:

Total Depth: 19871 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.

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: 18-35310
- H. SEE MEMO

Category of Pit: 2
Liner not required for Category: 2
Pit Location is BED AQUIFER
Pit Location Formation: DUNCAN

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: SW SW SE SW
Feet From: SOUTH 1/4 Section Line: 65
Feet From: WEST 1/4 Section Line: 1570
Depth of Deviation: 8682
Radius of Turn: 575
Direction: 181
Total Length: 10286
Measured Total Depth: 19871
True Vertical Depth: 9340
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.

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Category	Description
PENDING CD - 201806682	9/24/2018 - 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 - 201806687	9/24/2018 - G58 - (E.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 - 201806688	9/24/2018 - G58 - (E.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 1570' FWL COMPL. INT. 11-10N-6W NCT 0' FNL, NCT 165' FSL, NCT 1570' FWL NO OP. NAMED REC 10/22/2018 (NORRIS)
PENDING CD - 201806696	9/24/2018 - G58 - 2-10N-6W X201806681 MSSP 2 WELLS NO OP. NAMED HEARING 10/30/2018
PENDING CD - 201806698	9/24/2018 - G58 - 11-10N-6W X201806682 MSSP 2 WELLS NO OP. NAMED HEARING 10/30/2018

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Office of the Conservation Division as to when Surface Casing will be run.