

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

API NUMBER: 017 25520

Approval Date: 09/05/2019

Expiration Date: 03/05/2021

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 11N Rge: 7W

County: CANADIAN

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2420 2260

Lease Name: WHIRLAWAY 33-4-11-7

Well No: 3MXH

Well will be 2260 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

DRIES FAMILY TRUST  
321 S. MAPLE AVE  
UNION CITY OK 73090

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

Name

Depth

Name

Depth

1 MISSISSIPPIAN  
2 MISSISSIPPI LIME  
3 WOODFORD  
4  
5

10915  
10960  
11035

6  
7  
8  
9  
10

Spacing Orders: 671759  
107705  
668456

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903510  
201903511  
201903505  
201903508

Special Orders:

Total Depth: 17249

Ground Elevation: 1322

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 320

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

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: 19-36819

H. SEE MEMO

Cancel per operator request

CKL

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 3

Liner required for Category: 3

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

HORIZONTAL HOLE 1

Sec 04 Twp 10N Rge 7W County CANADIAN

Spot Location of End Point: SE SE NE SW

Feet From: SOUTH 1/4 Section Line: 1400

Feet From: WEST 1/4 Section Line: 2480

Depth of Deviation: 10132

Radius of Turn: 575

Direction: 178

Total Length: 6214

Measured Total Depth: 17249

True Vertical Depth: 11035

End Point Location from Lease,  
Unit, or Property Line: 1400

Notes:

Category

Description

DEEP SURFACE CASING

7/19/2019 - G71 - 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

7/19/2019 - G71 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

7/19/2019 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903505

9/4/2019 - GB1 - 33-11N-7W  
X671759 MSSP, OTHER  
7 WELLS; 4 MSSP, 3 OTHER  
NO OP. NAMED  
REC. 8/5/2019 (M. PORTER)

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.

017 25520 WHIRLAWAY 33-4-11-7 3MXH

Category	Description
PENDING CD - 201903508	9/4/2019 - GB1 - 4-10N-7W X107705 MSSLM X668456 OTHER 4 WELLS; 2 MSSLM, 2 OTHER NO OP. NAMED REC. 8/5/2019 (M. PORTER)
PENDING CD - 201903510	9/4/2019 - GB1 - (I.O.) 33-11N-7W & 4-10N-7W EST MULTIUNIT HORIZONTAL WELL X671759 MSSP, WDFD 33-11N-7W X107705 MSSLM 4-10N-7W X668456 WDFD 4-10N-7W (WDFD ASSOCIATED COMMON SOURCE OF SUPPLY TO MSSP/MSSLM) 36% 33-11N-7W 64% 4-10N-7W ROAN RESOURCES, LLC REC. 8/5/2019 (M. PORTER)
PENDING CD - 201903511	9/4/2019 - GB1 - (I.O.) 33-11N-7W & 4-10N-7W X671759 MSSP, WDFD 33-11N-7W X107705 MSSLM 4-10N-7W X668456 WDFD 4-10N-7W COMPL. INT. (33-11N-7W) NCT 2500' FNL, NCT 0' FSL, NCT 1920' FWL COMPL. INT. (4-10N-7W) NCT 0' FNL, NCT 165' FSL, NCT 1920' FWL ROAN RESOURCES, LLC REC. 8/5/2019 (M. PORTER)
SPACING - 107705	9/4/2019 - GB1 - (640) 4-10N-7W CONFIRMS SP ORDER 98732 EXT 98732 MSSLM, OTHERS EXT OTHERS
SPACING - 668456	9/4/2019 - GB1 - (640)(HOR) 4-10N-7W EST WDFD COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL
SPACING - 671759	9/4/2019 - GB1 - (640)(HOR) 33-11N-7W EST MSSP, WDFD COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL

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

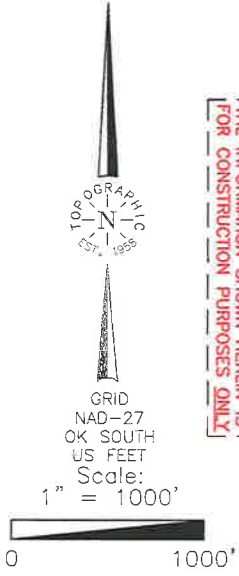
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CANADIAN

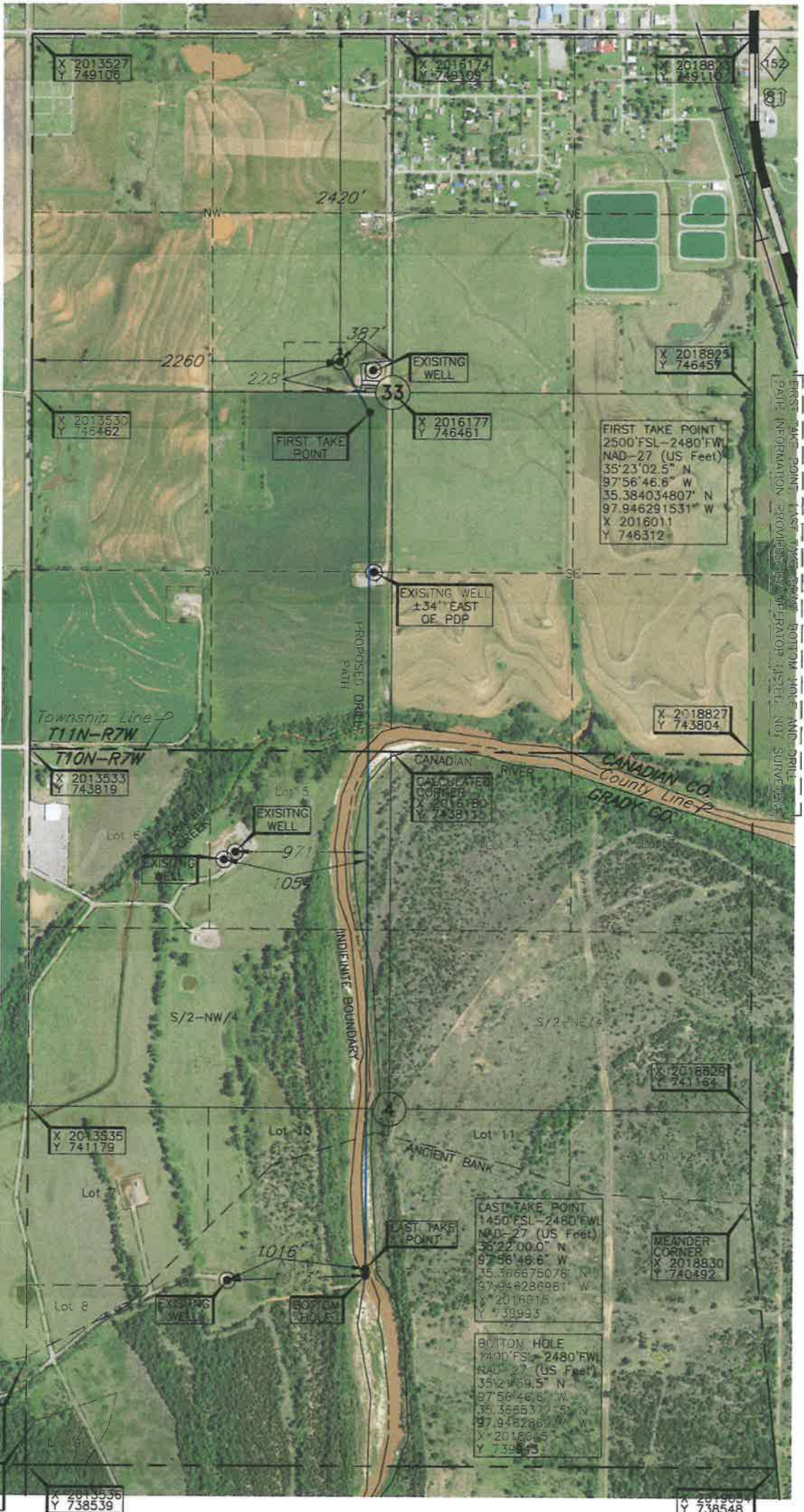
County, Oklahoma

2420'FNL - 2260'FWL Section 33 Township 11N Range 7W I.M.



Operator: ROAN RESOURCES LLC  
Lease Name: WHIRLWAY 33-4-11-7  
Topography & Vegetation Loc. fell in cut hayfield, ±251' NW of existing well  
Good Drill Site? Yes  
Reference Stakes or Alternate Location Stakes Set  
Best Accessibility to Location From West off county road  
Distance & Direction From Union City OK, go ±1.3 mi. West, then ±1.0 mi. South to the SW Cor. of Sec. 33-T11N-R7W

ELEVATION:  
1322' Gr. at Stake



Date of Drawing: Jun. 06, 2019

Project # 127074A Date Staked: Jun. 05, 2019

CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell  
Oklahoma Lic. No. 1433

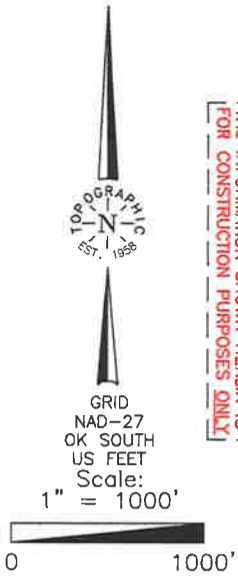


DATUM: NAD-27  
LAT: 35°23'06.3"N  
LONG: 97°56'49.3"W  
LAT: 35.385071227° N  
LONG: 97.947030701° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2015790  
Y: 746689

CANADIAN

County, Oklahoma

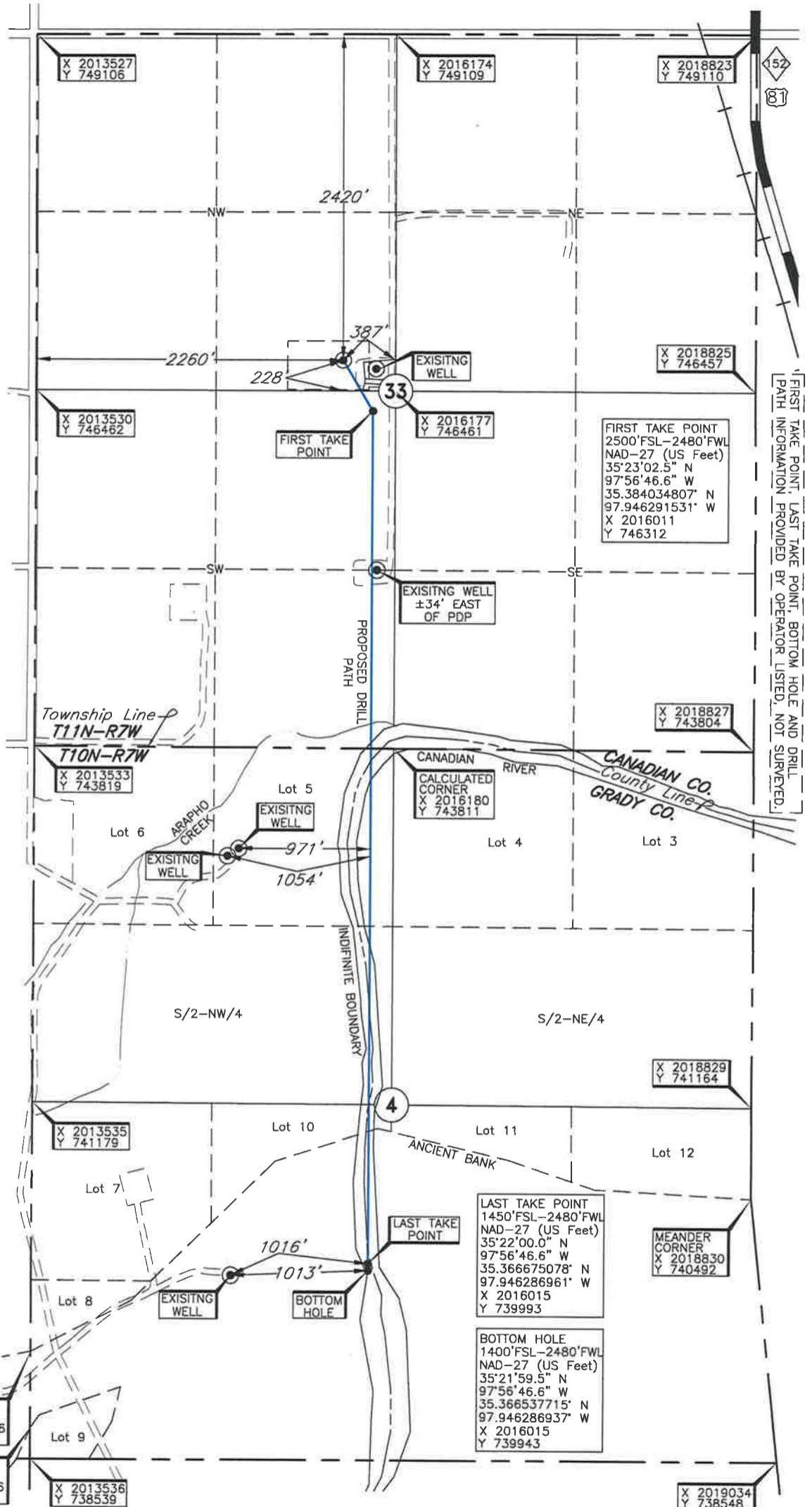
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THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

Operator: ROAN RESOURCES LLC  
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Best Accessibility to Location From West off county road  
Distance & Direction From Union City OK, go ±1.3 mi. West, then ±1.0 mi. South to the SW Cor. of Sec. 33-T11N-R7W

ELEVATION:  
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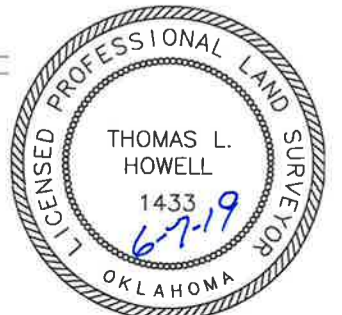
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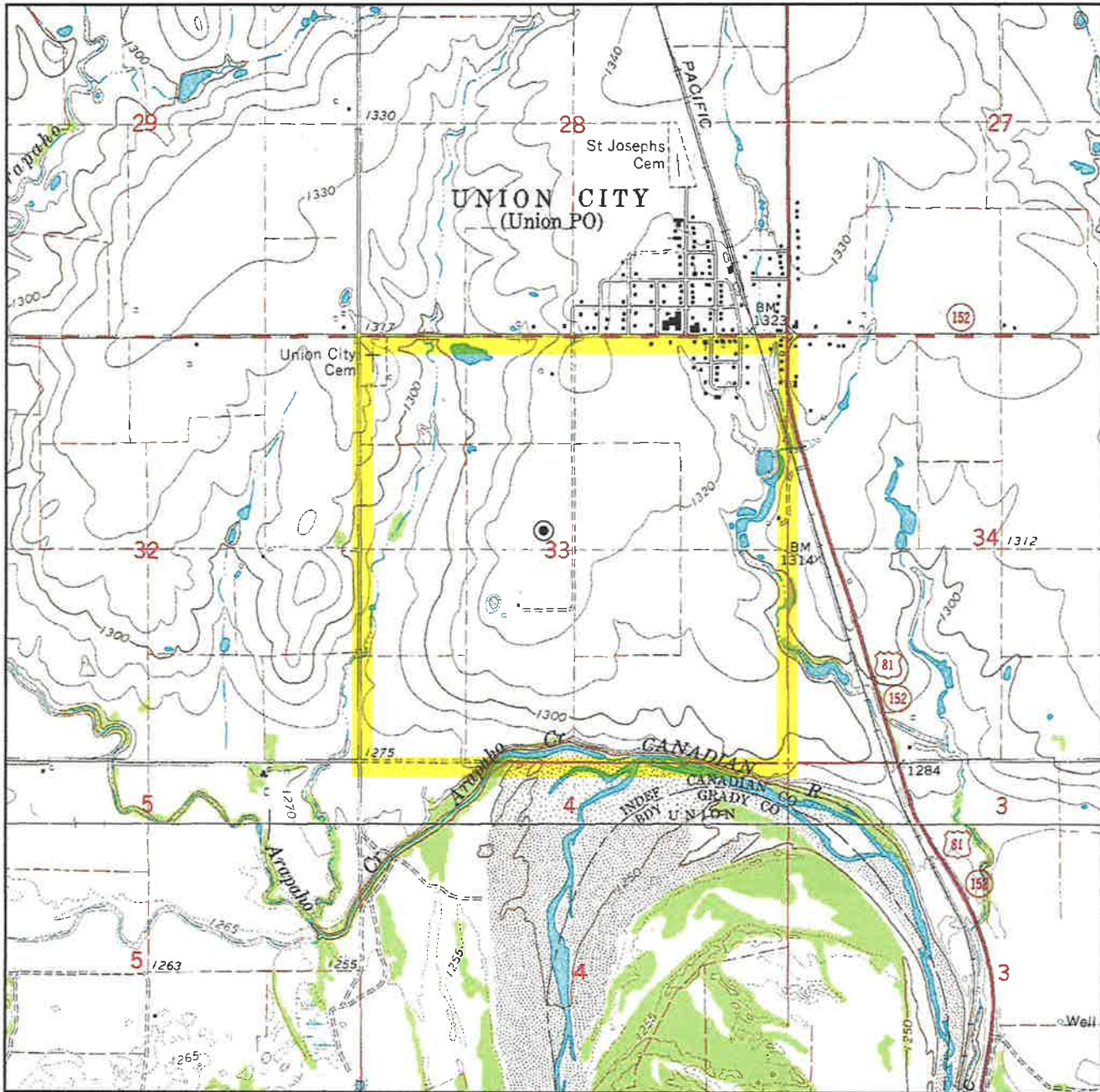
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

13800 Wireless Way, Okla. City, OK. 73134 www.topographic.com

Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 33 Twp. 11N Rng. 7W IM

County CANADIAN State OK

Operator ROAN RESOURCES LLC

Description 2420'FNL - 2260'FWL

Lease WHIRLAWAY 33-4-11-7 3MXH

Elevation 1322' Gr. at Stake

Above Background Data from  
U.S.G.S. Topographic Map  
Scale: 1"=2000'

Contour Interval 10'

When elevation is shown hereon it is the ground  
elevation of the location stake.  
Review this plat and inform us immediately of  
any possible discrepancy.



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

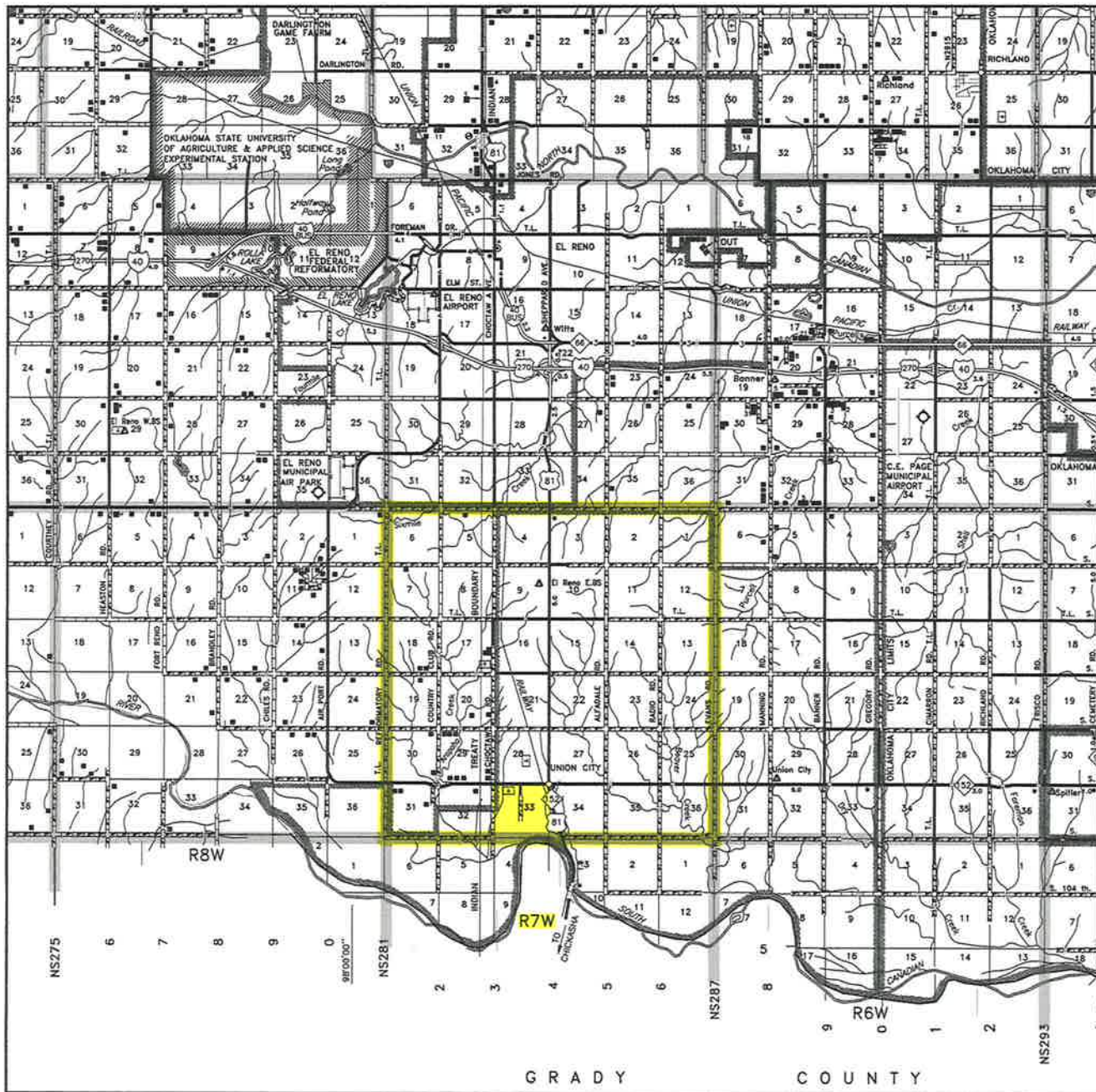
LAND SURVEYORS OF OKLAHOMA

Jun. 05, 2019

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry  
13800 Wireless Way, Okla. City, OK. 73134 [www.topographic.com](http://www.topographic.com)  
Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 33 Twp. 11N Rng. 7W IM

County CANADIAN State OK

Operator ROAN RESOURCES LLC



LAND SURVEYORS OF OKLAHOMA

PLAT SHOWING  
PROPOSED PAD AREA IN THE  
NW/4 OF SECTION 33, T11N - R7W  
CANADIAN COUNTY, OKLAHOMA



ROAN RESOURCES, LLC,  
WHIRLAWAY 33-4-11-7 1MAXH  
2420'FNL-2240'FWL  
Elev.: 1322' Gr.

(B) ROAN RESOURCES, LLC.  
WHIRLAWAY 33-4-11-7 3MXX  
2420'FNL-2260'FWL  
Elev.: 1322' Gr.

(c) ROAN RESOURCES, LLC.  
WHIRLAWAY 33-4-11-7 4WXXH  
2420'FNL-2280'FWL  
Elev.: 1321' Gr.

NO.	REVISION	DATE	BY
SURVEY BY: TC 06/05/19			
DRAWN BY: AC			
APPROVED BY: TH			

This plot was prepared exclusively for  
**ROAN RESOURCES, LLC.**

and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma

# SURVEYING AND MAPPING BY

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847

Certificate of Authorization No. 1293 LS.

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# SURVEYING AND MAPPING BY

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847

Certificate of Authorization No. 1293 LS.

SCALE: 1" = 100'

DATE: 06/07/19

FILE: L2006B.DWG

PROJECT: #127074

DWG. NO. : 118105-12-006-B

SHEET 1 OF 2

**NOTE:**

- The information shown herein is for construction purposes ONLY.

T 11 N – R 7 W  
(INDIAN MERIDIAN)

PLAT SHOWING

PROPOSED LEASE ROAD IN THE  
NW/4 OF SECTION 33, T11N – R7W  
CANADIAN COUNTY, OKLAHOMA

(A) ROAN RESOURCES, LLC. (B) ROAN RESOURCES, LLC. (C) ROAN RESOURCES, LLC.  
WHIRLWIND 33-4-11-7 1MXXH WHIRLWIND 33-4-11-7 3MXXH WHIRLWIND 33-4-11-7 4MXXH  
2420 FNL-2240' FWL 2420 FNL-2260' FWL 2420 FNL-2280' FWL  
Elev.: 1322' Gr. Elev.: 1322' Gr. Elev.: 1321' Gr.

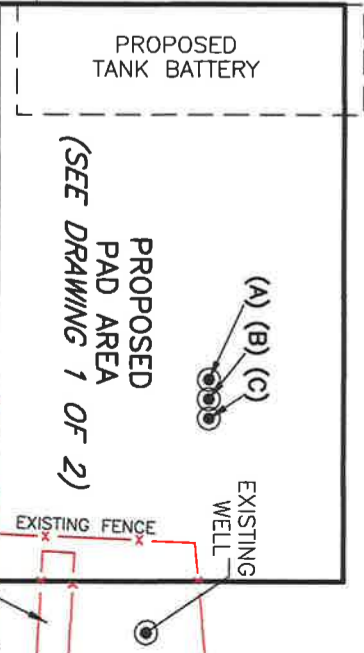


SECTION 33  
NW/4

PROPOSED 40' WIDE LEASE ROAD

1/4 §

SECTION 33  
SW/4



This plat was prepared exclusively for				SCALE: 1" = 100'	
ROAN RESOURCES, LLC.				DATE: 06/07/19	
SURVEYING AND MAPPING BY				FILE: L2006B1.DWG	
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA				PROJECT: #127074	
13800 Wireless Way, Okla. City, OK 73134 (405) 843-4947				DWG NO.: 118105-L2-006-B1	
Certificate of Authorization No. 1293 LS.				SHEET 2 OF 2	
NO.	REVISION	DATE	BY		
SURVEY BY: TC 06/05/19					
DRAWN BY: AC					
APPROVED BY: TH					

NOTE:  
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for construction purposes ONLY.

**From:** [Rebecca Bourland](#)  
**To:** [OCC OG BTW](#)  
**Subject:** [EXTERNAL] Please cancel the following the Permits  
**Date:** Friday, October 30, 2020 5:42:17 AM

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Citizen Energy has taken over the operations of Roan Resources and would like to cancel the following permits as Citizen is re-permitting with Citizen as operator with significant changes:

Whirlaway 33-4-11-7 1MXH	35-017-25499
Whirlaway 33-4-11-7 3MXH	35-017-25520
Whirlaway 33-4-11-7 4WXH	35-017-25521

Please contact me if you require more information.



Rebecca Bourland  
CITIZEN ENERGY  
Engineering Tech  
(918) 949-4680 ext 132  
Cell: 239-530-8081