

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

API NUMBER: 017 25499

Approval Date: 07/29/2019

Expiration Date: 01/29/2021

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 2240

Lease Name: WHIRLAWAY 33-4-11-7

Well No: 1MXH

Well will be 2240 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	10778	6	
2	MISSISSIPPI LIME	10778	7	
3	WOODFORD	10997	8	
4			9	
5			10	

Spacing Orders: 671759
107705
668456

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903507
201903509
201903505
201903508

Special Orders:

Total Depth: 17712 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: 19-36818

H. SEE MEMO

Canceled 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 NW SE SW

Feet From: SOUTH 1/4 Section Line: 850

Feet From: WEST 1/4 Section Line: 1680

Depth of Deviation: 10094

Radius of Turn: 575

Direction: 182

Total Length: 6715

Measured Total Depth: 17712

True Vertical Depth: 10997

End Point Location from Lease,
Unit, or Property Line: 850

Notes:

Category

Description

DEEP SURFACE CASING

7/18/2019 - 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

7/18/2019 - 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; 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

MEMO

7/18/2019 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903505

7/26/2019 - GB1 - 33-11N-7W
X671759 MSSP, WDFD
4 WELLS MSSP, 3 WELLS WDFD
ROAN RESOURCES LLC
HEARING 8/5/2019

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 25499 WHIRLAWAY 33-4-11-7 1MXH

Category	Description
PENDING CD - 201903507	7/26/2019 - GB1 - (E.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 IS ADJACENT COMMON SOURCE OF SUPPLY TO MSSP/MSSLM) 36% 33-11N-7W 64% 4-10N-7W ROAN RESOURCES LLC REC. 7/9/2019 (MILLER)
PENDING CD - 201903508	7/26/2019 - GB1 - 4-10N-7W X107705 MSSL X668456 WDFD 2 WELLS MSSLM, 2 WELLS WDFD ROAN RESOURCES LLC HEARING 8/5/2019
PENDING CD - 201903509	7/26/2019 - GB1 - (E.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 1320' FWL COMPL. INT. (4-10N-7W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FWL ROAN RESOURCES LLC REC/ 7/9/2019 (MILLER)
SPACING - 107705	7/26/2019 - GB1 - (640) 4-10N-7W CONFIRMS SP ORDER 98732 EXT 98732 MSSLM, OTHERS EXT OTHERS
SPACING - 668456	7/26/2019 - GB1 - (640)(HOR) 4-10N-7W EST WDFD COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL
SPACING - 671759	7/26/2019 - 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.

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.

County, Oklahoma

TOPOGRAPHIC

N

EST. 1985

GRID
NAD-27
OK SOUTH
US FEET

Scale:
1" = 1000'

0 1000'

FOR CONSTRUCTION PURPOSES ONLY

This information was gathered with a GPS receiver with ± 1 foot Horiz./Vert. accuracy.

DATUM: NAD-27
LAT: 35°23'06.3"N
LONG: 97°56'49.6"W
LAT: 35.385071199° N
LONG: 97.947097882° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2015770
Y: 746689

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

County, Oklahoma

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY



Operator: ROAN RESOURCES LLC
Lease Name: WHIRLAWAY 33-4-11-7
Topography & Vegetation Loc. fell in c
Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

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 from Hwy Jct or Town
to the SW Cor. of Sec. 33-T11N-R7W

ELEVATION:
1322' Gr. at Stake

MEANDER
CORNER
X 2013536
Y 739335

MEANDER
CORNER
X 2013536
Y 738770

DATUM: NAD-27
 LAT: 35°23'06.3"N
 LONG: 97°56'49.6"W
 LAT: 35.385071199° N
 LONG: 97.947097882° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2015770
 Y: 746689

(This information was gathered with a GPS receiver with ± 1 foot Horiz./Vert. accuracy.)

Project # 127074 Date of Drawing: Jun. 06, 2019
Date Staked: Jun. 05, 2019

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

Thomaz L. Waver
Oklahoma Lic. No. 1433



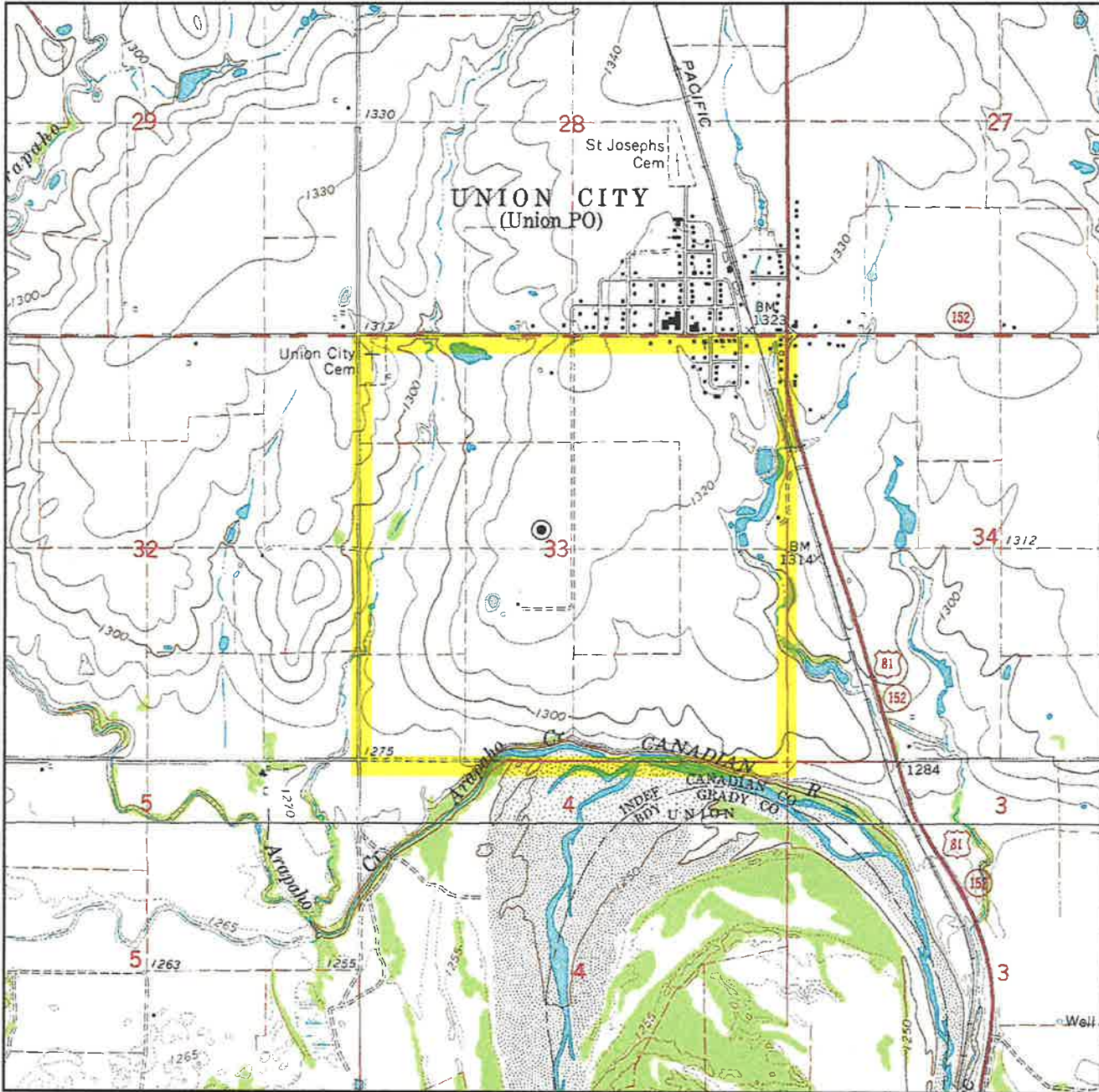
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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 - 2240'FWL

Lease WHIRLAWAY 33-4-11-7 1MXH

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.



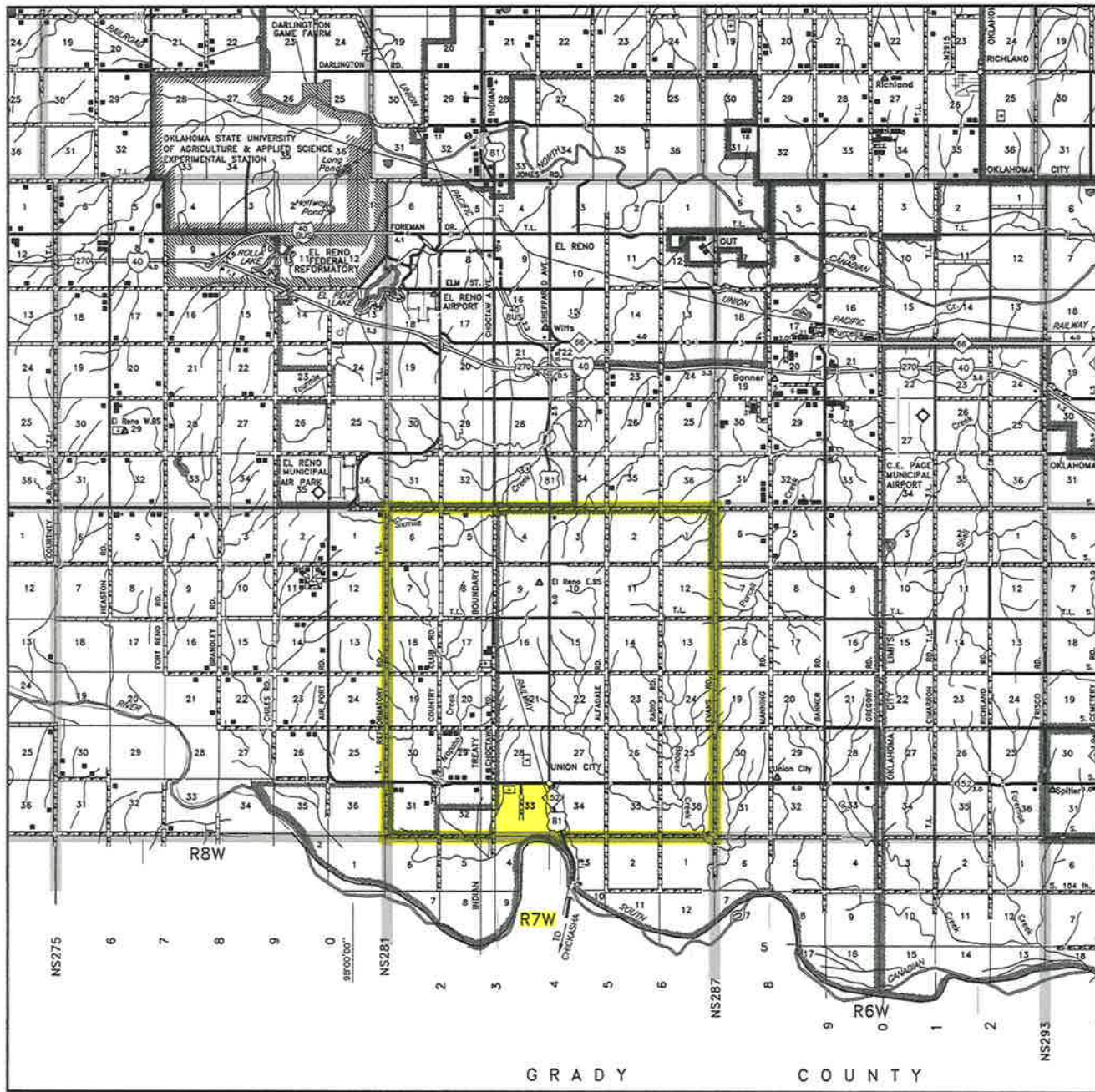
LAND SURVEYORS OF OKLAHOMA

Jun. 05, 2019

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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13800 Wireless Way, Okla. City, OK. 73134 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



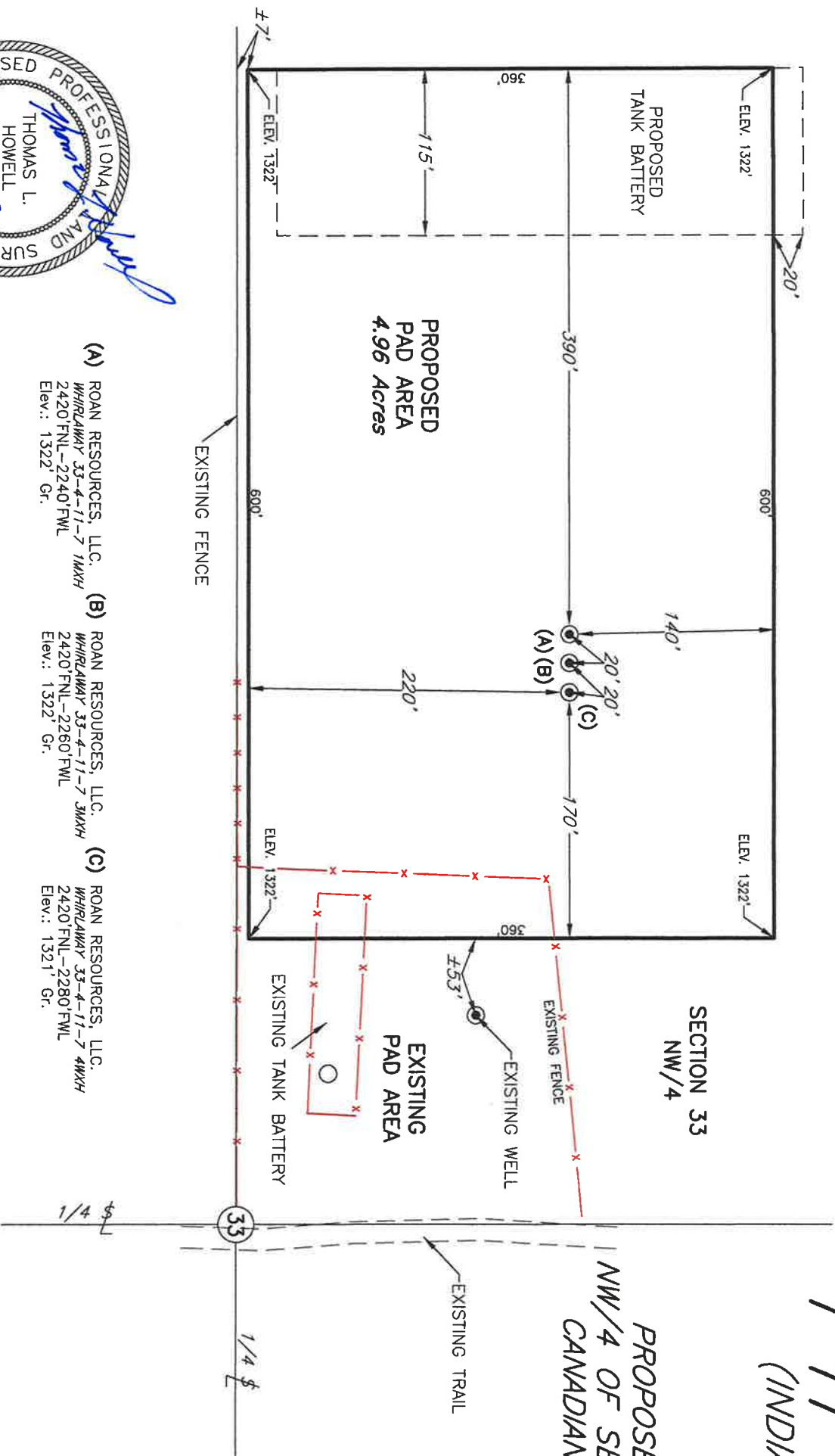
LAND SURVEYORS OF OKLAHOMA

T 11 N - R 7 W
(INDIAN MERIDIAN)

SECTION 33
NW/4

PLAT SHOWING

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



- (A) ROAN RESOURCES, LLC. (B) ROAN RESOURCES, LLC. (C) ROAN RESOURCES, LLC.
WHIRLAWAY 33-4-11-7 1MXXH WHIRLAWAY 33-4-11-7 3MXXH WHIRLAWAY 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.



NOTE:

- The information shown herein is for construction purposes ONLY.

This plat was prepared exclusively for				SCALE: 1" = 100'	
ROAN RESOURCES, LLC.				DATE: 06/07/19	
SURVEYING AND MAPPING BY				FILE: L2006B.DWG	
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA				PROJECT: #127074	
13800 Wireless Way, Okla. City, OK 73134 (405) 843-4847				DWG NO.: 118105-L2-006-B	
Certificate of Authorization No. 1293 LS				SHEET 1 OF 2	
NO.	REVISION	DATE	BY		
SURVEY BY:	TC	06/05/19	AC		
DRAWN BY:	AC				
APPROVED BY:	TH				

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.
WHIRLAWAY 33-4-11-7 1MXXH WHIRLAWAY 33-4-11-7 3MXXH WHIRLAWAY 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

PROPOSED
TANK BATTERY

PROPOSED
PAD AREA
(SEE DRAWING 1 OF 2)

(A) (B) (C)
EXISTING
WELL

EXISTING FENCE

EXISTING TANK
BATTERY

EXISTING
PAD AREA



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 L.S.

SCALE: 1" = 100'

DATE: 06/07/19

FILE: L2006B1.DWG

PROJECT: #127074

DWG NO.: 118105-L2-006-B1

SHEET 2 OF 2

NOTE:

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

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