

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

API NUMBER: 017 25487

Approval Date: 06/20/2019

Expiration Date: 12/20/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 11N Rge: 7W

County: CANADIAN

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 270 1835

Lease Name: UNBRIDLED 5-8-10-7

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

VIRGINIA KAY ALLREAD
21850 SW 89TH ST
UNION CITY OK 73090

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	10931	6	
2	WOODFORD	11186	7	
3			8	
4			9	
5			10	

Spacing Orders: 107705
673284
98732

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903146
201903147
201903144
201903145

Special Orders:

Total Depth: 19831

Ground Elevation: 1275

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 300

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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: 19-36716

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 08 Twp 10N Rge 7W County CANADIAN

Spot Location of End Point: NW NW SW SE

Feet From: SOUTH 1/4 Section Line: 1200

Feet From: EAST 1/4 Section Line: 2400

Depth of Deviation: 10000

Radius of Turn: 593

Direction: 179

Total Length: 8900

Measured Total Depth: 19831

True Vertical Depth: 11186

End Point Location from Lease,
Unit, or Property Line: 1200

Notes:

Category

Description

DEEP SURFACE CASING

6/17/2019 - 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

6/17/2019 - 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

6/17/2019 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903144

6/20/2019 - GB1 - 5-10N-7W
X107705 MSSLM
X673284 WDFD
8 WELLS; 4 MSSLM, 4 WDFD
NO OP. NAMED
HEARING 7/2/2019

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.

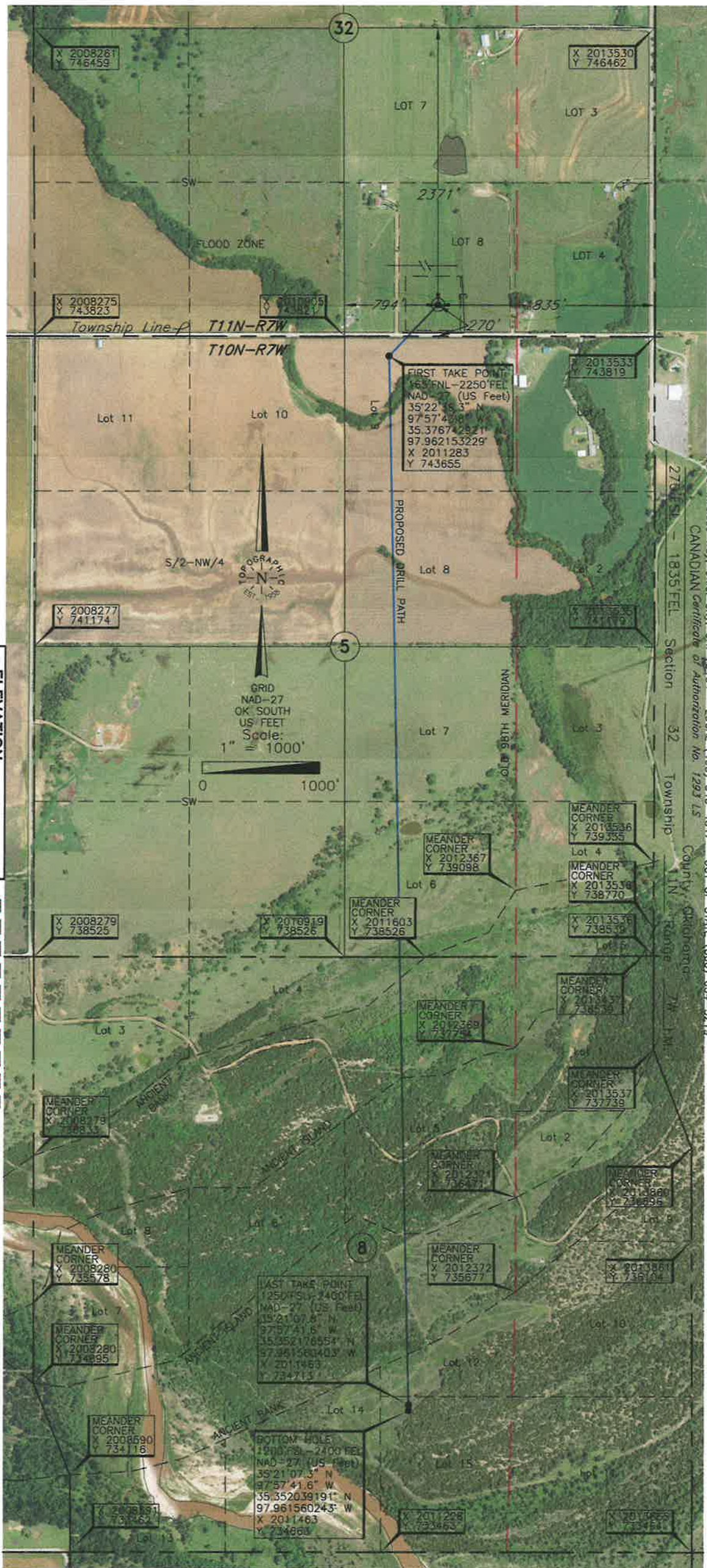
017 25487 UNBRIDLED 5-8-10-7 1MXH

Category	Description
PENDING CD - 201903145	6/20/2019 - GB1 - 8-10N-7W X98732 MSSLM X673284 WDFD 8 WELLS; 4 MSSLM, 4 WDFD NO OP. NAMED HEARING 7/2/2019
PENDING CD - 201903146	6/20/2019 - GB1 - (E.O) 5 & 8-10N-7W EST MULTIUNIT HORIZONTAL WELL X107705 MSSLM 5-10N-7W X98732 MSSLM 8-10N-7W X673284 WDFD 5 & 8-10N-7W 57.5% 5-10N-7W 42.5% 8-10N-7W ROAN RESOURCES LLC REC. 6/18/2019 (P. PORTER)
PENDING CD - 201903147	6/20/2019 - GB1 - (E.O.) 5 & 8-10N-7W X107705 MSSLM 5-10N-7W X98732 MSSLM 8-10N-7W X673284 WDFD 5 & 8-10N-7W COMPL. INT. (5-10N-7W) NCT 150' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (8-10N-7W) NCT 0' FNL, NCT 150' FSL, NCT 330' FEL ROAN RESOURCES LLC REC. 6/18/2019 (P. PORTER)
SPACING - 107705	6/20/2019 - GB1 - (640) 5-10N-7W CONFIRMS SP ORDER 98732 EXT 98732 MSSLM, OTHERS
SPACING - 673284	6/20/2019 - GB1 - (640)(HOR) 5 & 8-10N-7W EST WDFD POE TO BHL NCT 165' FNL/FSL, NCT 330' FEL/FWL
SPACING - 98732	6/20/2019 - GB1 - (640) 8-10N-7W EST MSSLM, OTHERS

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.

13800 Wireless Way, Okla. City, OK. 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219

County: Oklahoma



1275' Gr. at Stake

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

API 017-25487

Operator: ROAN RESOURCES LLC

Lease Name: UNBRIDLED 5-8-10-7 Well No.: 1MXH

Topography & Vegetation Loc. fell in grass field, ±203' West of powerline

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction From Union City OK, go ±1.3 mi. West, then ±1.0 mi. South to the SE Cor. of Sec. 32-T11N-R7W

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DATUM: NAD-27
LAT: 35.22'40.6"N
LONG: 97.57'38.7"W
LAT: 35.377936516° N
LONG: 97.960762171° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2011698
Y: 744090
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(This information was gathered with a GPS receiver with ± 1 foot Horiz./Vert. accuracy.)

Date of Drawing: Jun. 05, 2019
Project # 126969 Date Staked: May 31, 2019 AC

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.

Oklahoma Lic. No. 1433



13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

County, Oklahoma

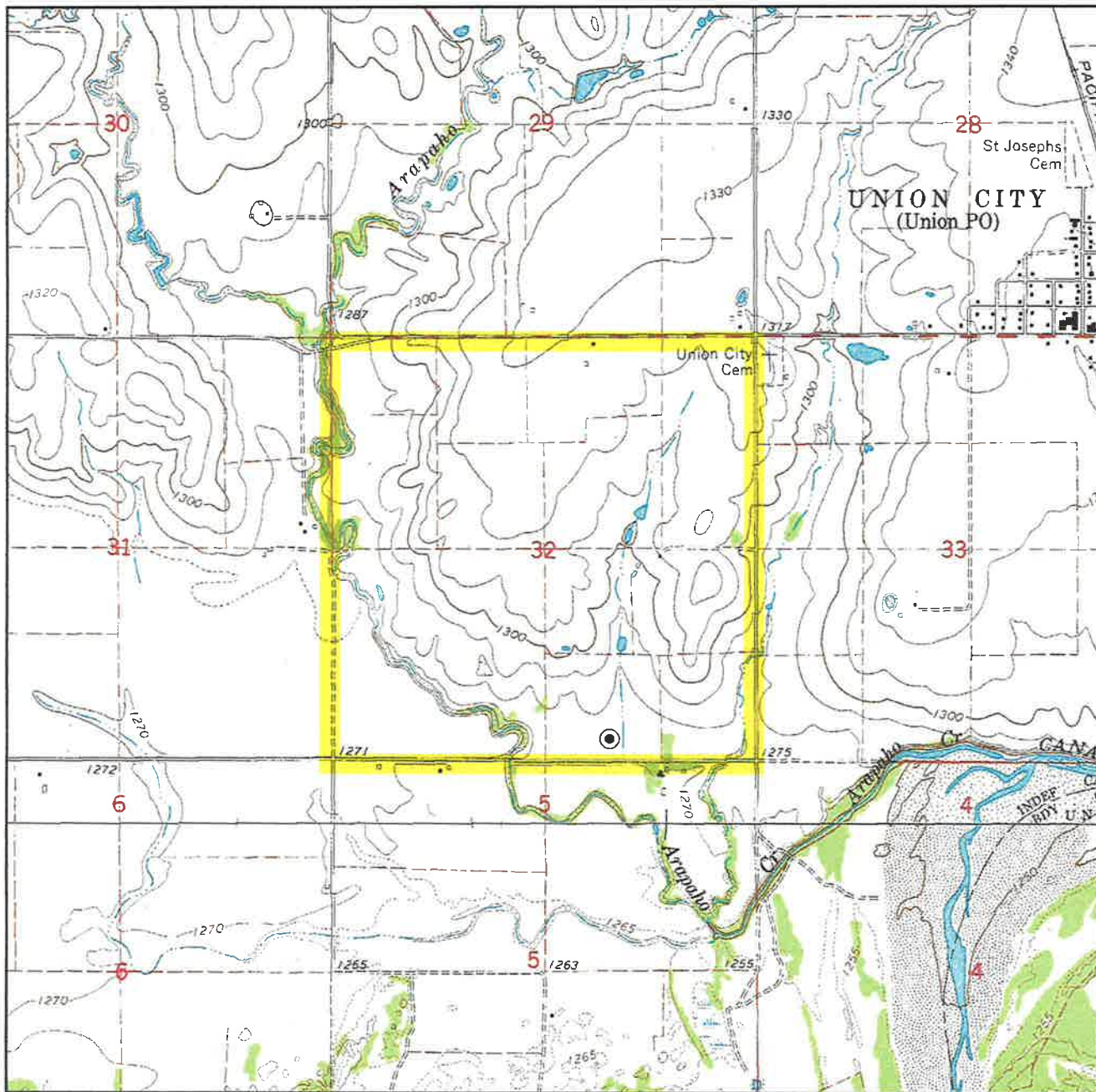
$$\frac{11N}{\text{Range}} \quad \frac{7W}{1.1M}$$


1275' Gr. at Stake

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. 32 Twp. 11N Rng. 7W IM

County CANADIAN State OK

Operator ROAN RESOURCES LLC

Description 270'FSL - 1835'FEL

Lease UNBRIDLED 5-8-10-7 1MXH

Elevation 1275' 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.



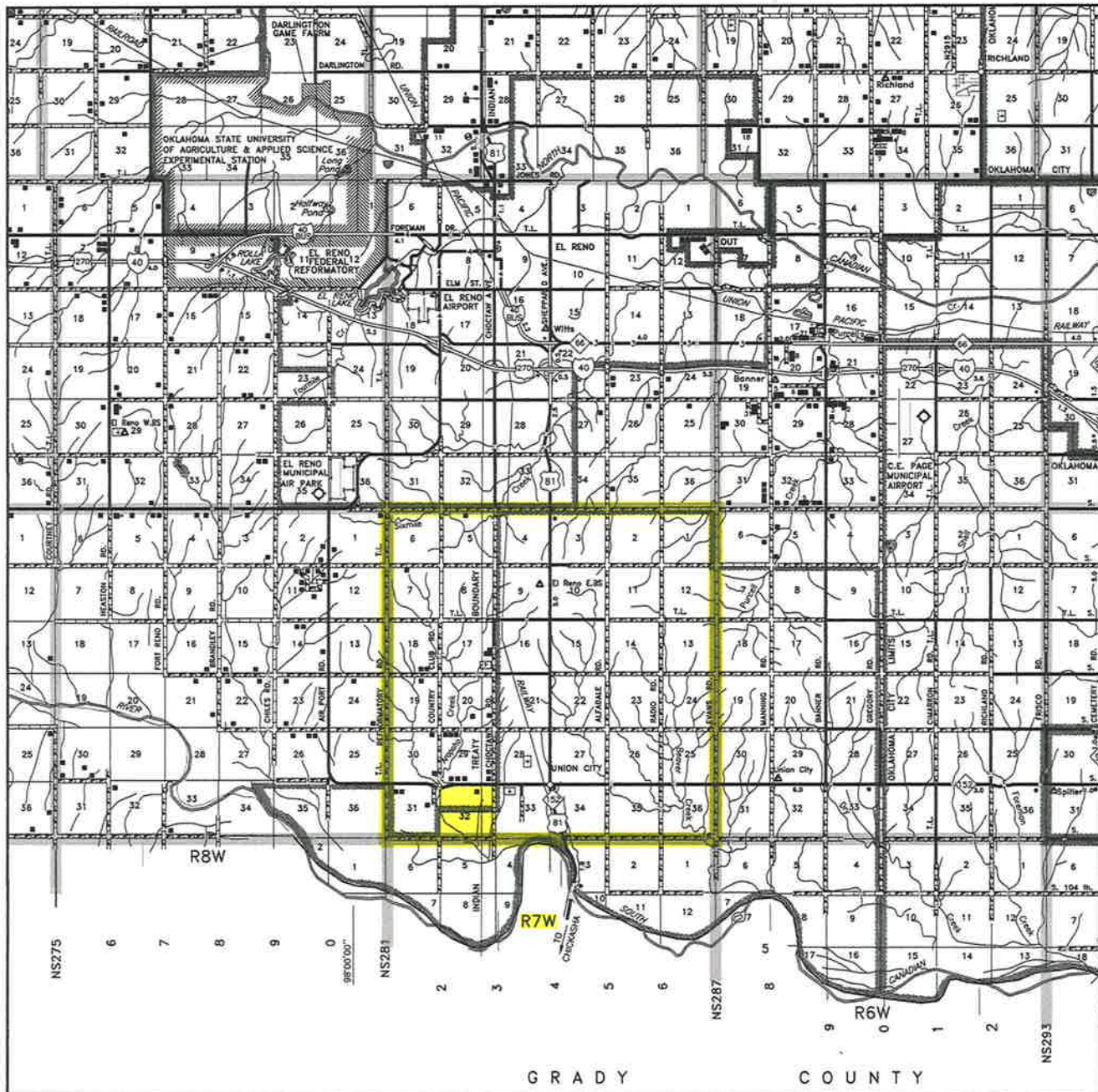
LAND SURVEYORS OF OKLAHOMA

May 31, 2019

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

VICINITY MAP



Scale: 1" = 3 Miles

Sec. 32 Twp. 11N Rng. 7W IM

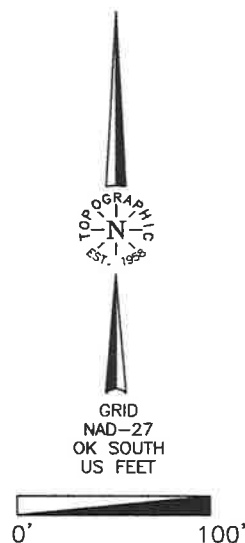
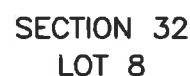
County CANADIAN State OK

Operator ROAN RESOURCES LLC



LAND SURVEYORS OF OKLAHOMA

PLAT SHOWING
PROPOSED PAD AREA IN THE
SE/4 OF SECTION 32, T11N - R7W
CANADIAN COUNTY, OKLAHOMA



(C) ROAN RESOURCES, LLC.
UNBRIDLED 5-8-10-7 3MXH
270'FSL-1795'FEL
Elev.: 1274' Gr.

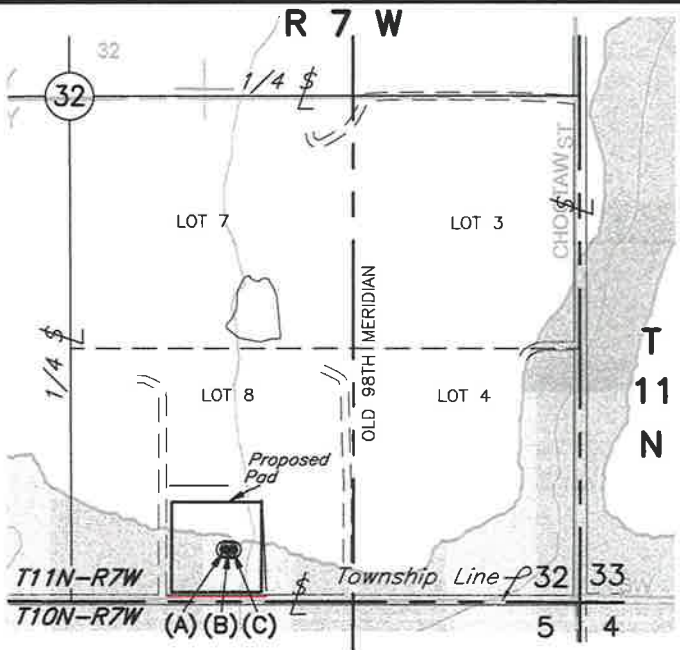
- The information shown herein is for construction purposes ONLY.



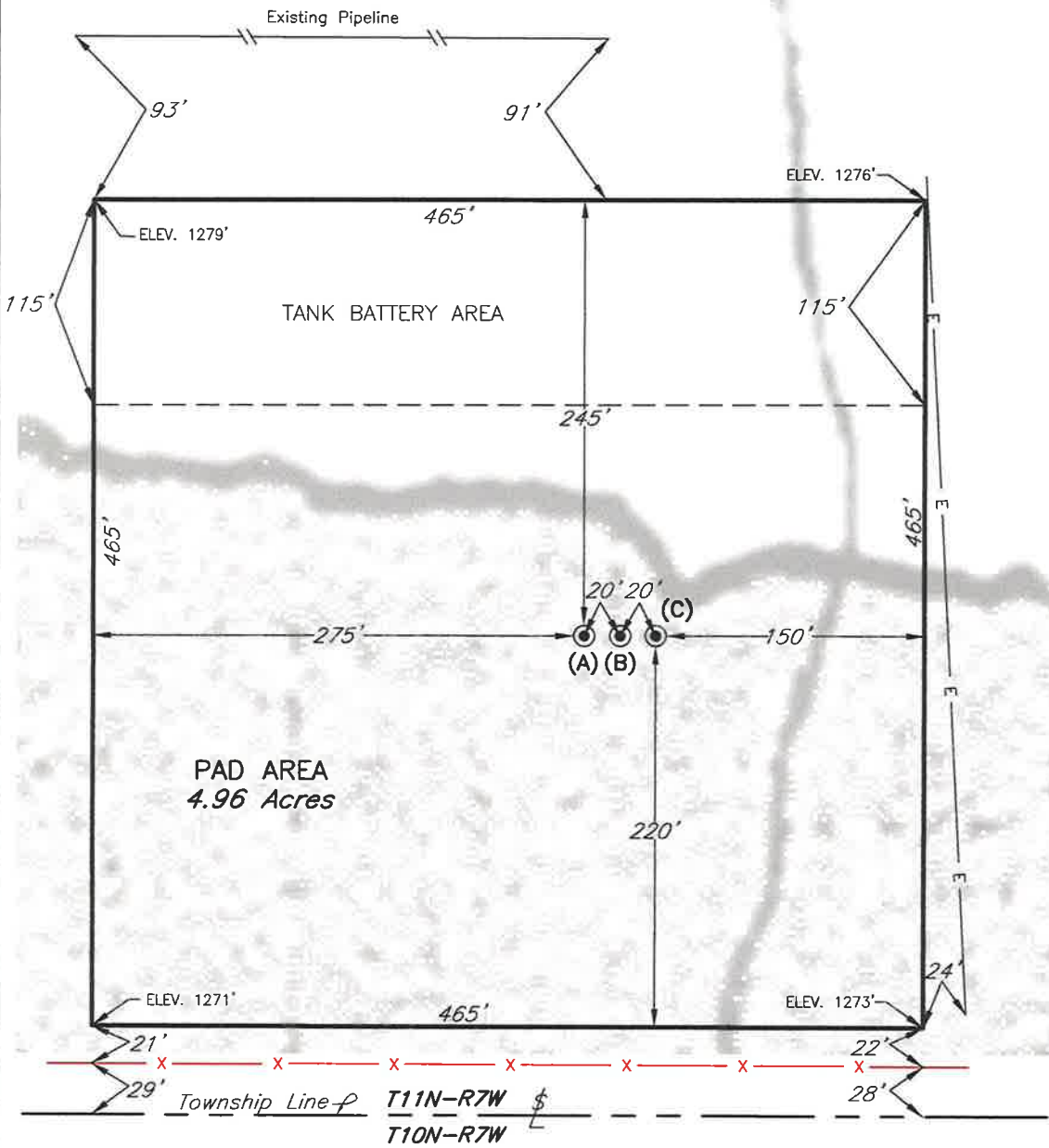
					This plat was prepared exclusively for	SCALE: 1" = 100'
					ROAN RESOURCES, LLC.	DATE: 06/03/19
NO.	REVISION	DATE	BY		and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma.	FILE: L2005B.DWG
SURVEY BY: TC 05/31/19				<i>SURVEYING AND MAPPING BY</i> TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA <i>13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847</i> <i>Certificate of Authorization No. 1293 LS.</i>		PROJECT: #126969
DRAWN BY: LC						DWG NO.:118105-L2-005-B
APPROVED BY: TH						SHEET 1 OF 2

T 11 N - R 7 W
(INDIAN MERIDIAN)

PLAT SHOWING
PROPOSED PAD AREA IN THE
SE/4 OF SECTION 32, T11N - R7W
CANADIAN COUNTY, OKLAHOMA



VICINITY MAP
1"=1000'



SECTION 32
LOT 8



- (A) ROAN RESOURCES, LLC. UNBRIDLED 5-8-10-7 1MXH 270'FSL-1835'FEL Elev.: 1275' Gr.
(B) ROAN RESOURCES, LLC. UNBRIDLED 5-8-10-7 2WXH 270'FSL-1815'FEL Elev.: 1275' Gr.
(C) ROAN RESOURCES, LLC. UNBRIDLED 5-8-10-7 3MXH 270'FSL-1795'FEL Elev.: 1274' Gr.

NOTE:

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NOTE:

- Proposed Pad In FEMA area.



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APPROVED BY: TH				13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847		SHEET 2 OF 2	
				Certificate of Authorization No. 1293 LS.			