

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

API NUMBER: 137 27535

Approval Date: 06/05/2018

Expiration Date: 12/05/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 1N Rge: 5W

County: STEPHENS

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 208 1991

Lease Name: PRAIRIE DALE

Well No: 1-34HW

Well will be 208 feet from nearest unit or lease boundary.

Operator Name: CITATION OIL & GAS CORPORATION

Telephone: 2818911000; 2818911

OTC/OCC Number: 14156 0

CITATION OIL & GAS CORPORATION
PO BOX 690688
HOUSTON, TX 77269-0688

PEGGY BEAVERS
4301 NW 44TH
OKLAHOMA OK 73112

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

	Name	Depth	Name	Depth
1	WOODFORD	13196	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201707733
201707734

Special Orders:

Total Depth: 18291

Ground Elevation: 1091

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 560

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

B. Solidification of pit contents.

Type of Mud System: WATER BASED

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34492

Chlorides Max: 3500 Average: 2500

H. SEE MEMO

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: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

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: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BISON

HORIZONTAL HOLE 1

Sec 34 Twp 1N Rge 5W County STEPHENS

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 206

Feet From: WEST 1/4 Section Line: 2021

Depth of Deviation: 12970

Radius of Turn: 479

Direction: 1

Total Length: 4569

Measured Total Depth: 18291

True Vertical Depth: 13365

End Point Location from Lease,
Unit, or Property Line: 206

Notes:

Category

Description

DEEP SURFACE CASING

5/23/2018 - 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

5/16/2018 - 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

5/23/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201707733

5/17/2018 - G58 - (640) 34-1N-5W
VAC OTHERS
EXT 669539 WDFD, OTHERS
REC 3/16/2018 (DENTON)

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.

137 27535 PRAIRIE DALE 1-34HW

Category

PENDING CD - 201707734

Description

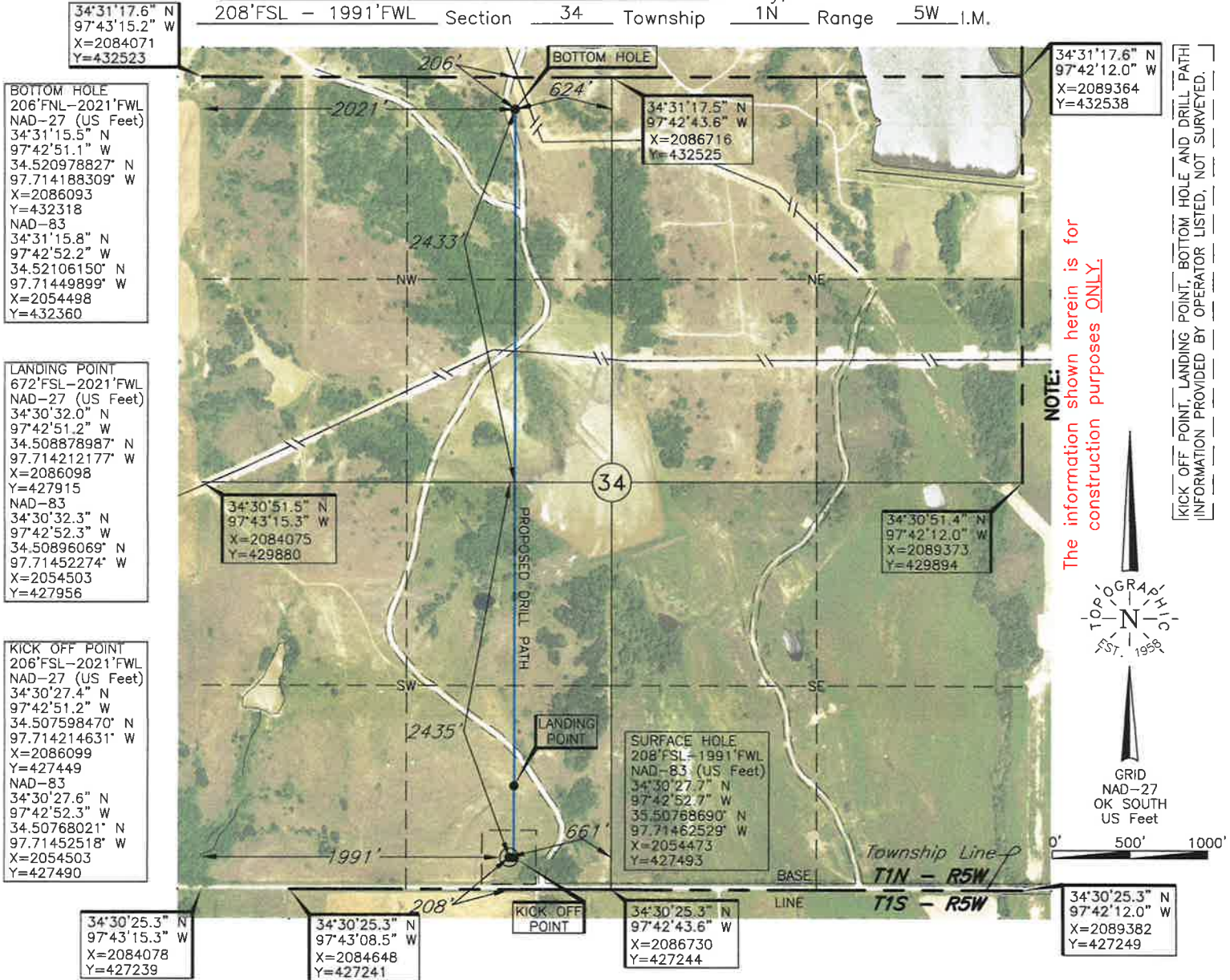
5/17/2018 - G58 - (I.O.) 34-1N-5W
X201707733 WDFD, OTHERS
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL
NO OP. NAMED
REC 3/16/2018 (DENTON)

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.

STEPHENS

County, Oklahoma

208'FSL - 1991'FWL Section 34 Township 1N Range 5W 1.M.



Operator: CITATION OIL & GAS CORPORATION

Lease Name: PRAIREDALE

Well No.: 1-34HW

ELEVATION:

1091' Gr. at Stake

Topography & Vegetation Loc. fell in pasture with terrace

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

Best Accessibility to Location From South off county road

Distance & Direction
from Hwy Jct or Town From Velma, go ± 0.2 mi. North, then ±0.4 mi. East, then ±3.0 mi. North,
then ±3.25 mi. West to the SW Cor. of Sec. 34-T1N-R5W

Date of Drawing: May 01, 2018

Invoice # 291671 Date Staked: Apr. 18, 2018

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

Thomas L. Howell
Oklahoma Lic. No. 1433



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.
DATUM: NAD-27
LAT: 34°30'27.4"N
LONG: 97°42'51.5"W
LAT: 34.507603812° N
LONG: 97.714314754° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2086068
Y: 427451

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

County, Oklahoma

34°31'17.6" N
97°42'12.0" W
X=2089364
Y=432538

34°31'17.5" N
97°42'43.6" W
X=2086716
Y=432525

34°30'51.5" N
97°43'15.3" W
X=2084075
Y=429880

34°30'51.4" N
97°42'12.0" W
X=2089373
Y=429894

SURFACE HOLE
208'FSL-1991'FWL
NAD-83 (US Feet)
34°30'27.7" N
97°42'52.7" W
35.50768690° N
97.71462529° W
X=2054473
Y=427493

GRID
NAD-27
OK SOUTH
US Feet

A horizontal scale bar with three segments. The first segment is labeled '0'', the second '500'', and the third '1000''.

34°30'25.3" N
97°42'12.0" W
X=2089382
Y=427249

1091' Gr. at Stake

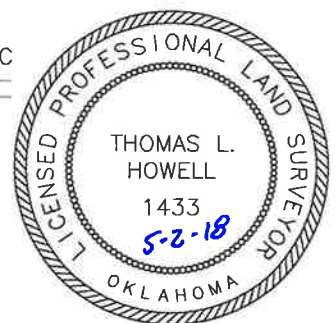
Reference Stakes or Alternate Location
Stakes Set None

Distance & Direction
from Hwy Jct or Town From Velma, go \pm 0.2 mi. North, then \pm 0.4 mi. East, then \pm 3.0 mi. North,
then \pm 3.25 mi. West to the SW Cor. of Sec. 34-T1N-R5W

AC

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

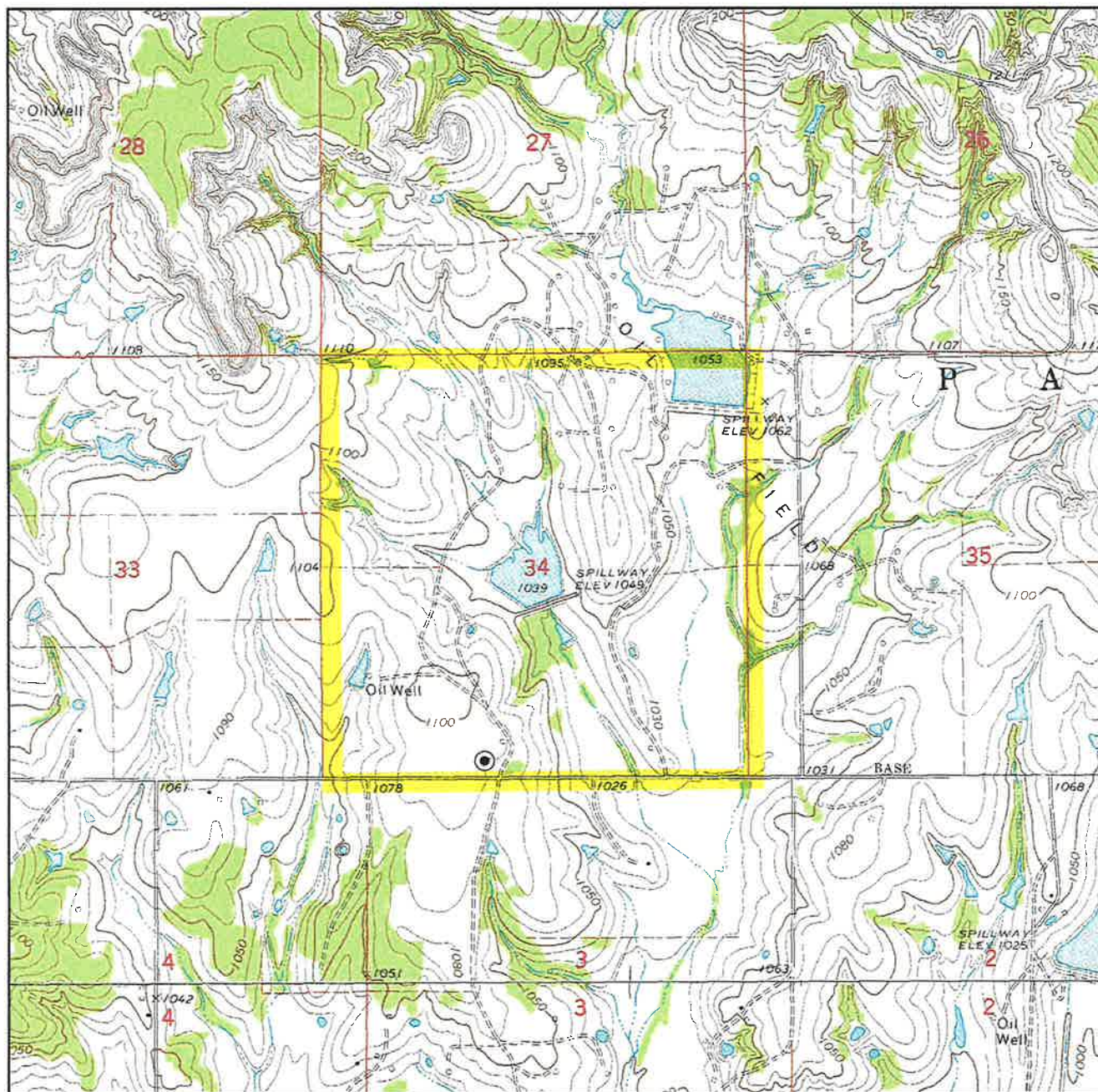
Oklahoma Lic. No. 1433



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. 34 Twp. 1N Rng. 5W IM

County STEPHENS State OK

Operator CITATION OIL & GAS CORPORATION

Description 208'FSL - 1991'FWL

Lease PRAIREDALE 1-34HW

Elevation 1091' 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.



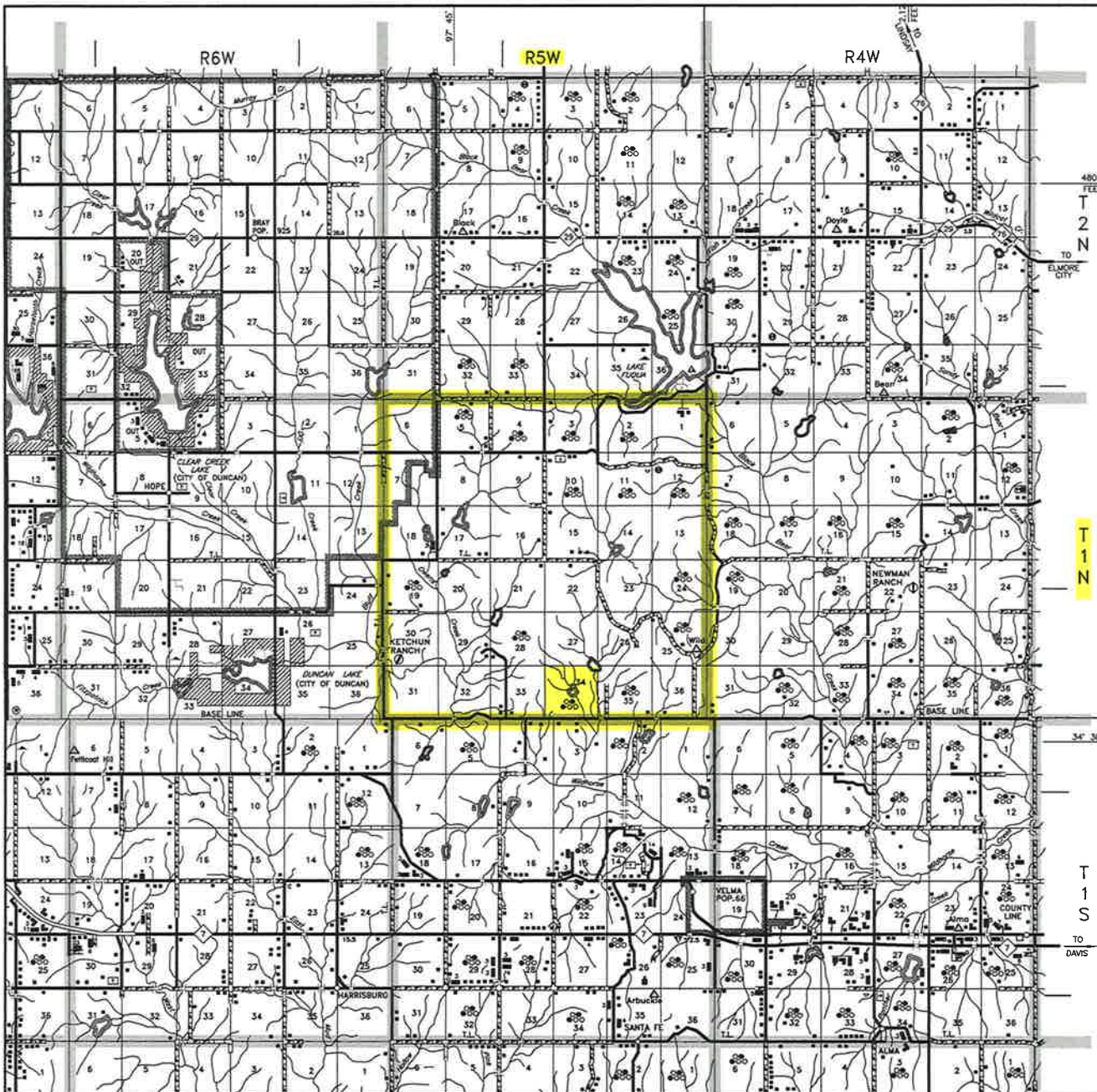
LAND SURVEYORS OF OKLAHOMA

Apr. 18, 2018

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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VICINITY MAP



Scale: 1" = 3 Miles

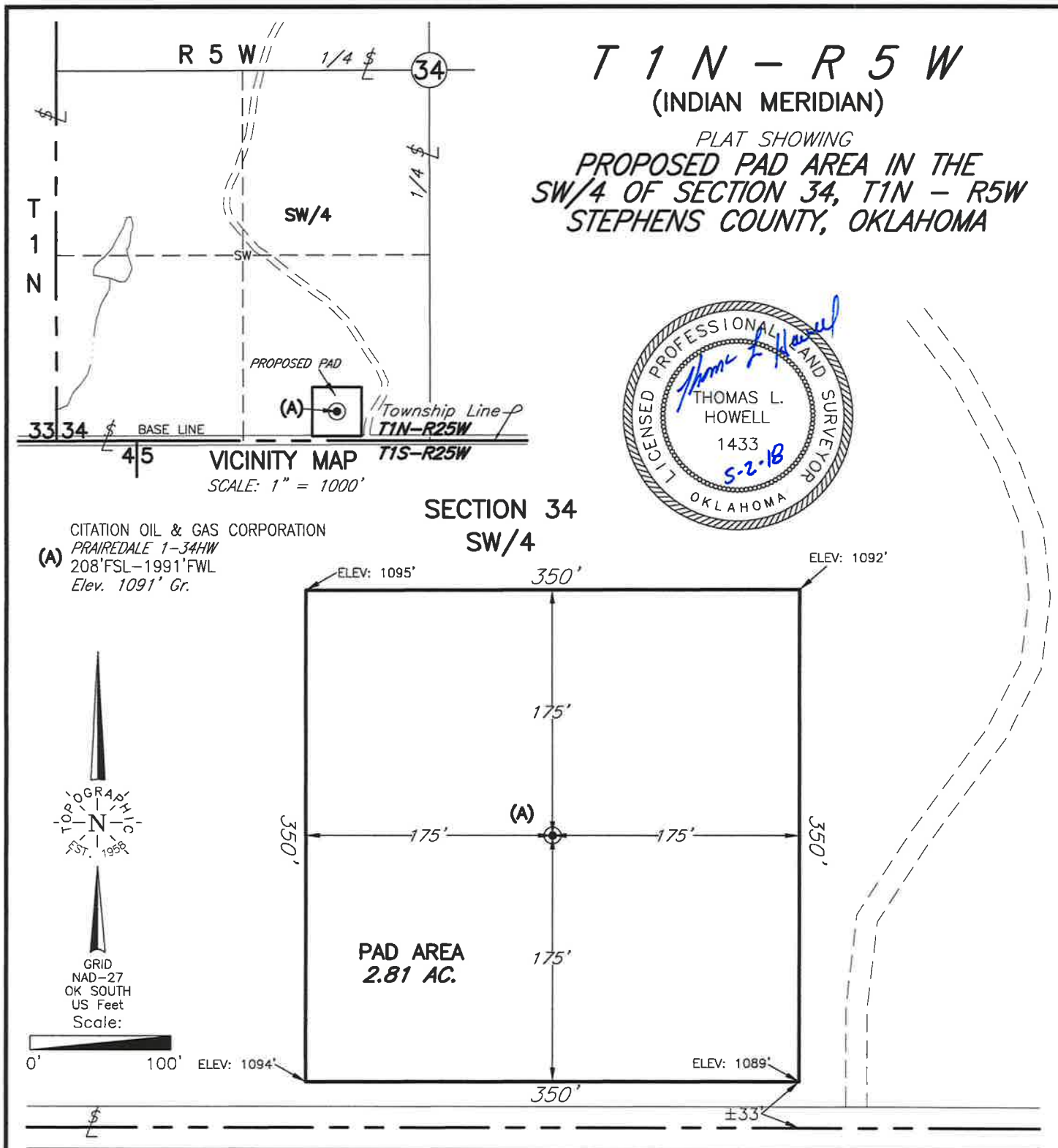
Sec. 34 Twp. 1N Rng. 5W IM

County STEPHENS State OK

Operator CITATION OIL & GAS CORPORATION



LAND SURVEYORS OF OKLAHOMA



				This plat was prepared exclusively for		SCALE: 1" = 100'	
				CITATION OIL & GAS CORPORATION		DATE: 05/01/2018	
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		INVOICE NO.: 291671	
				SURVEYING AND MAPPING BY		FILE NAME: L2045A	
NO. REVISION DATE BY				TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA		DWG NO.: 103140-L2-045-A	
SUR. BY: JF 04/18/2018				13800 Wireless Way, Okla. City, OK 73134 (405) 843-4847		SHEET 1 OF 1	
DRAWN BY: AC				Certificate of Authorization No. 1293 LS			
APPROVED BY: TH							