

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

API NUMBER: 137 27536 A

Approval Date: 06/05/2018
Expiration Date: 12/05/2018

Horizontal Hole Oil & Gas

Amend reason: MOVE SURFACE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 1N Rge: 5W

County: STEPHENS

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 200 475

Lease Name: PRAIRIE DALE

Well No: 1-27HW

Well will be 200 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

LLOYD E. ELY AND SHEILA M. ELY
297297 EAST 1730 ROAD
DUNCAN OK 73533

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

Name	Depth	Name	Depth
1 WOODFORD	12648	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 678751

Location Exception Orders: 201802600

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 17659

Ground Elevation: 1195

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 750

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

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 18-34493

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 27 Twp 1N Rge 5W County STEPHENS

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 266

Feet From: EAST 1/4 Section Line: 349

Depth of Deviation: 12270

Radius of Turn: 592

Direction: 190

Total Length: 4459

Measured Total Depth: 17659

True Vertical Depth: 17400

End Point Location from Lease,
Unit, or Property Line: 266

Notes:

Category

Description

DEEP SURFACE CASING

6/26/2018 - 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

6/26/2018 - 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

6/26/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201802600

7/5/2018 - G58 - (I.O.) 27-1N-5W
X678751 WDFD, OTHERS
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL
NO OP. NAMED
REC 4/23/2018 (MILLER)

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.

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137 27536 PRAIRIE DALE 1-27HW

Category

Description

SPACING - 678751

7/5/2018 - G58 - (640) 27-1N-5W
VAC OTHERS
EXT 669539 WDFD, OTHERS

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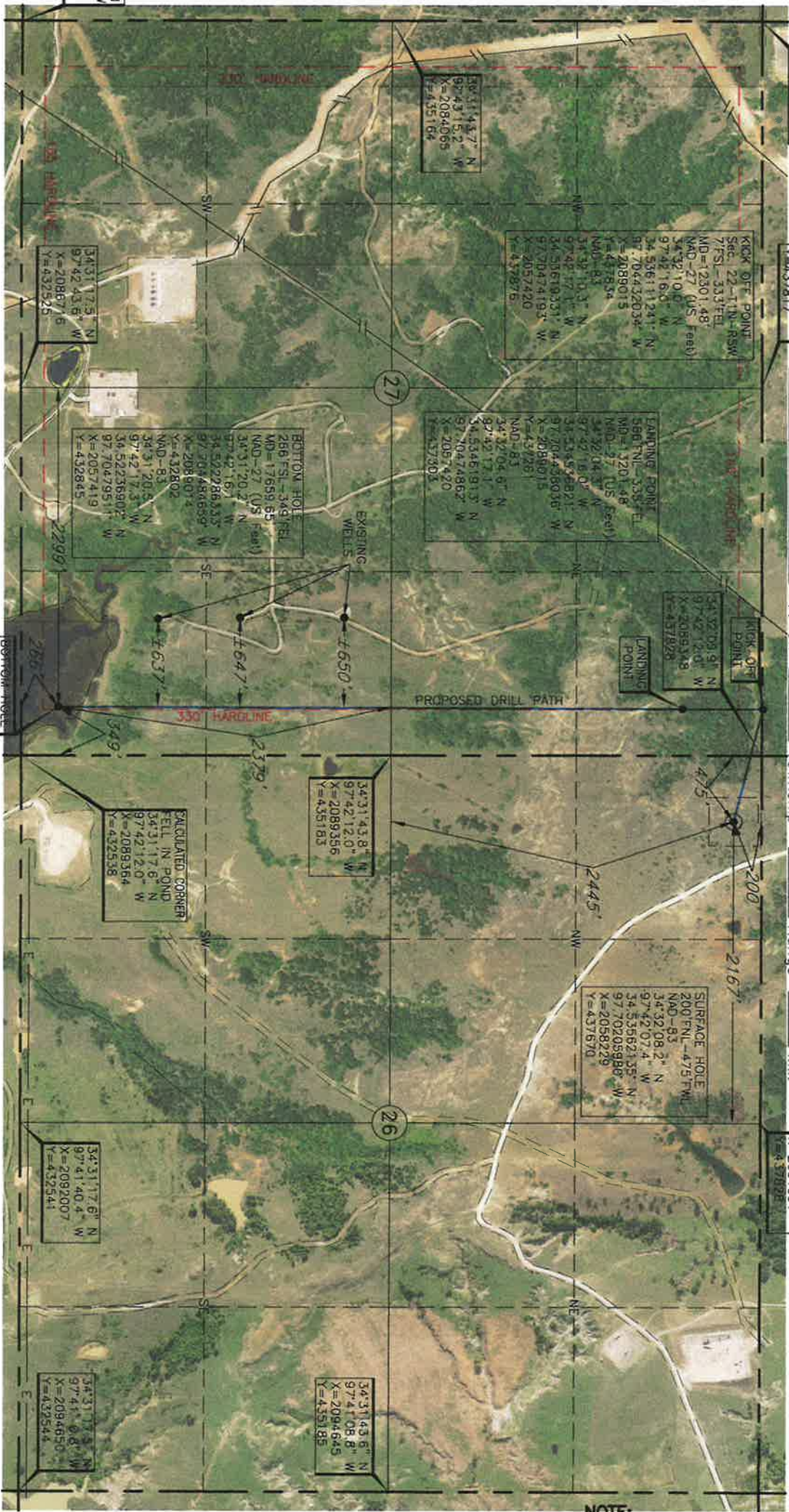
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

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

STEPHENS County, Oklahoma

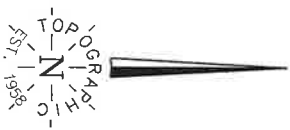
200' FNL - 475' FWL Section 26 Township 1N Range SW I.M.

137-27536



NOTE:

The information herein is for construction purposes ONLY.



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

DATUM: NAD-27
LAT: 34°32'07.9"N
LONG: 97°42'06.3"W
LAT: 34.535539007N
LONG: 97.701749277W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2089824
Y: 437628

Operator: CITATION OIL & GAS CORPORATION
Lease Name: PRAIRIEDALE

Well No.: 1-27HW

ELEVATION: 1195' Gr. at Stake

Topography & Vegetation Loc. fell in pasture with trees and rocks

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From East off lease road

Distance & Direction From Garvin-Carter County Line on Base Line Road, go ± 6.25 mi. West on Base Line Road, from Hwy Jet or Town then ± 1.0 mi. North on county road, then ± 1.0 mi. NW on county road to the NE Cor. of Sec. 26-T1N-R5W

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

Date Drawn: Jun. 18, 2018
Invoice # 296414 Date Staked: Jun. 14, 2018
AC

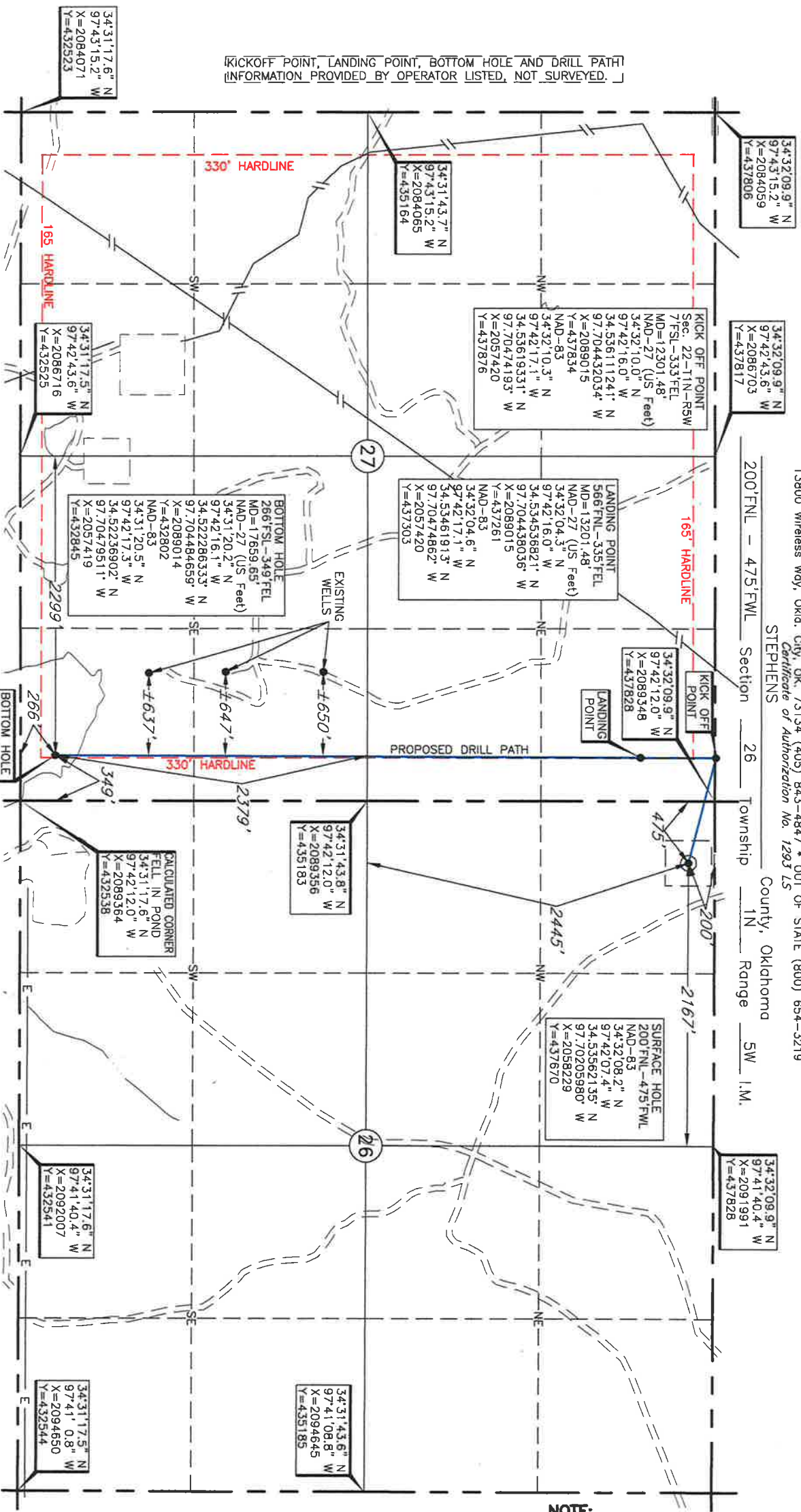


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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
Certificate of Authorization No. 1293 LS

STEPHENS

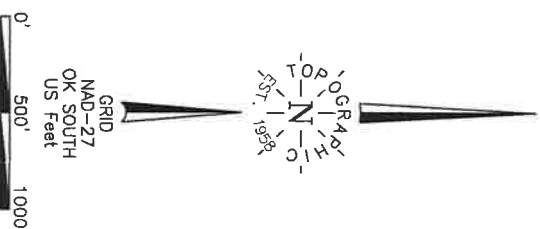
County, Oklahoma

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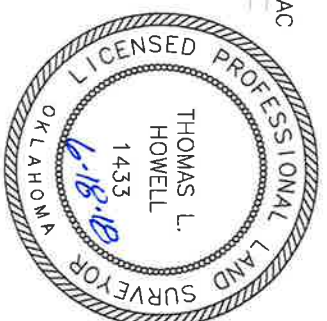
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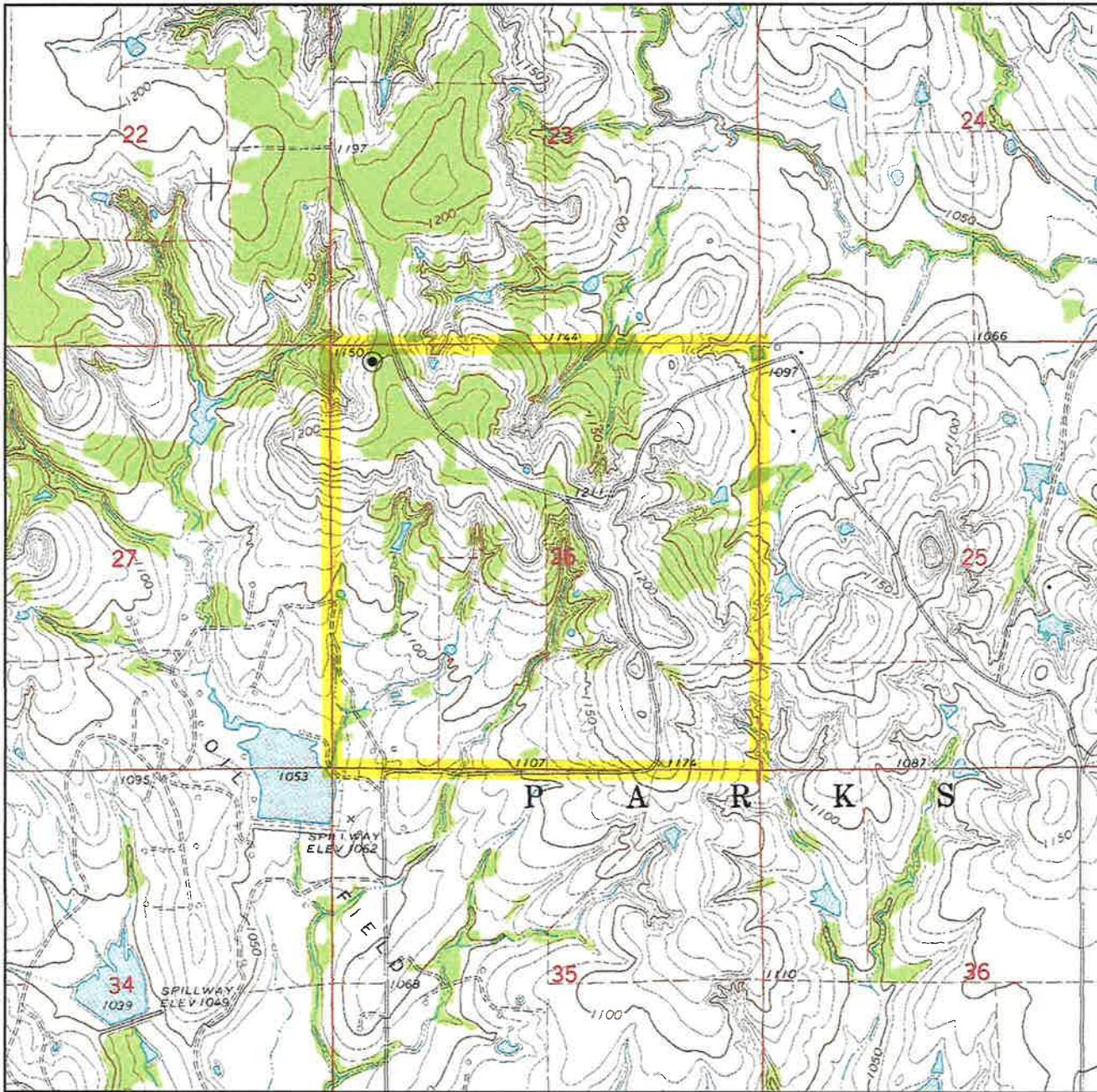
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 26 Twp. 1N Rng. 5W IM

County STEPHENS State OK

Operator CITATION OIL & GAS CORPORATION

Description 200'FNL - 475'FWL

Lease PRAIRIE DALE 1-27HW

Elevation 1195' 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.



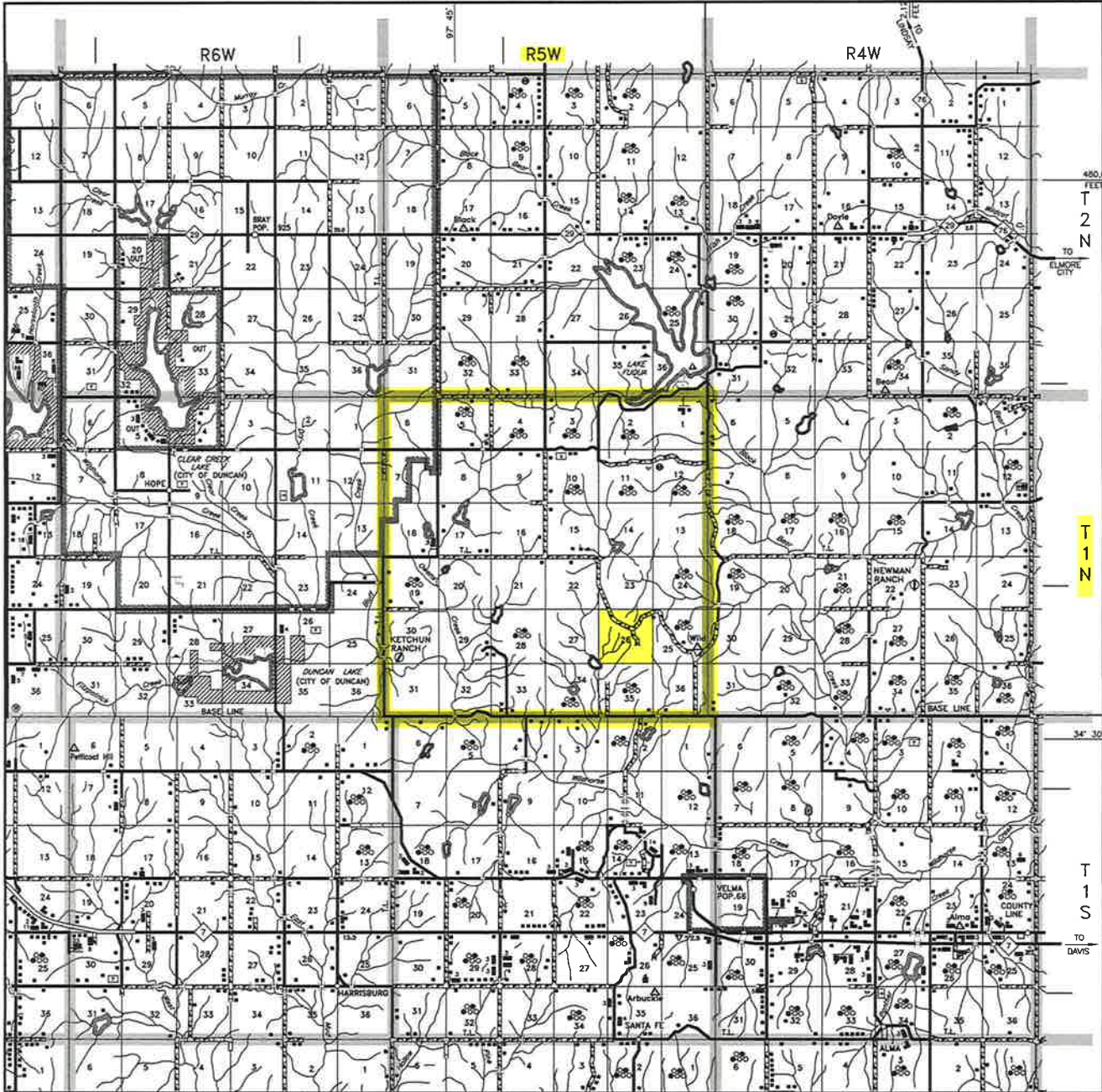
LAND SURVEYORS OF OKLAHOMA

Jun. 14, 2018

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. 26 Twp. 1N Rng. 5W IM

County STEPHENS State OK

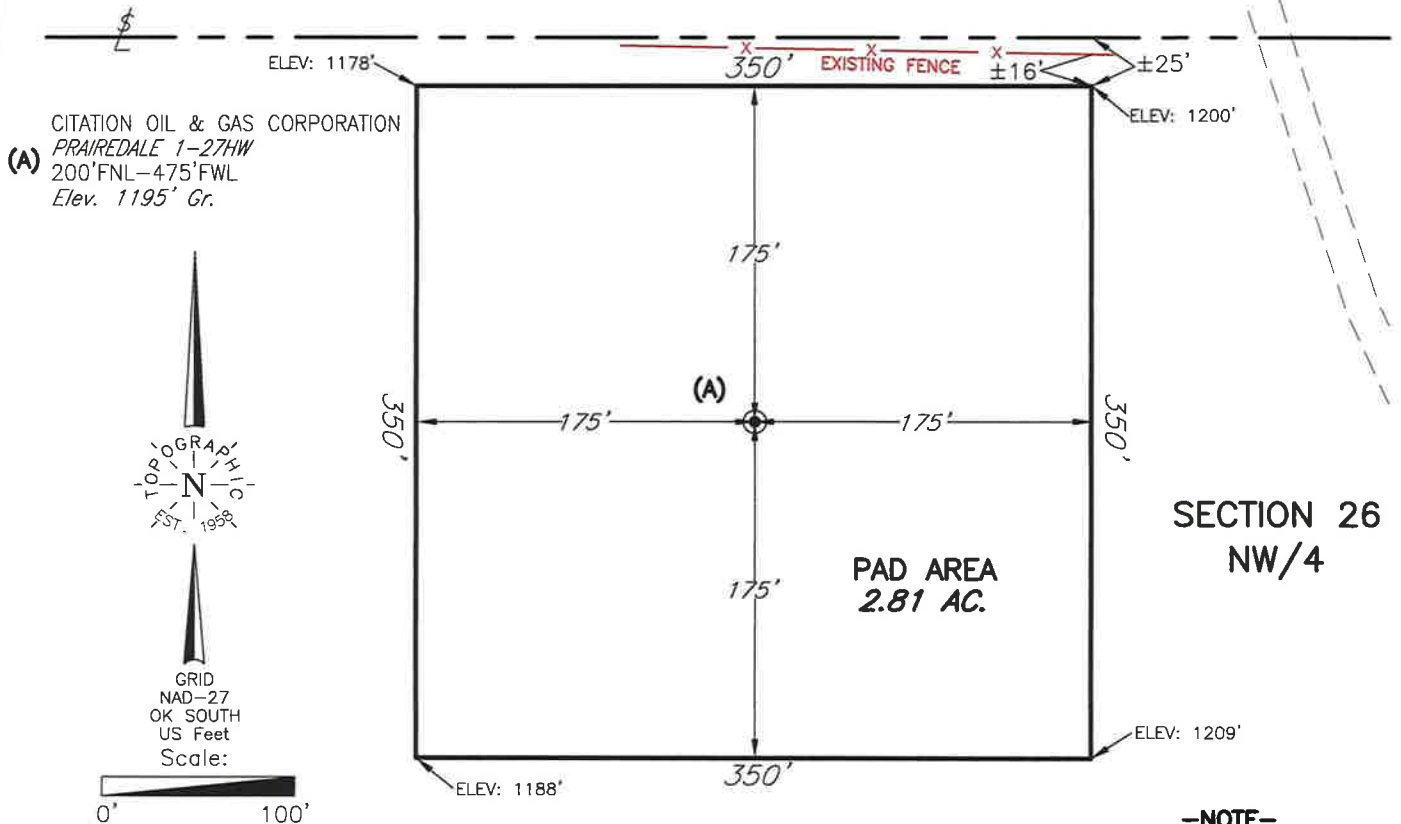
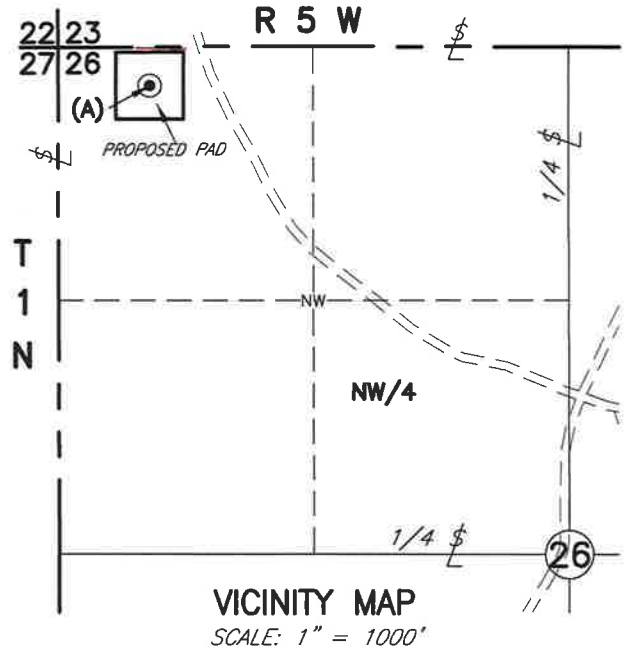
Operator CITATION OIL & GAS CORPORATION



LAND SURVEYORS OF OKLAHOMA

T 1 N - R 5 W
(INDIAN MERIDIAN)

PLAT SHOWING
**PROPOSED PAD AREA IN THE
NW/4 OF SECTION 26, T1N - R5W
STEPHENS COUNTY, OKLAHOMA**



-NOTE-

The information shown herein is for construction purposes **ONLY**.

This plat was prepared exclusively for				SCALE: 1" = 100'	
CITATION OIL & GAS CORPORATION				DATE: 06/18/2018	
and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma				INVOICE NO.: 296414	
SURVEYING AND MAPPING BY				FILE NAME: L2046A	
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA				DWG NO.: 103140-L2-046-A	
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847				SHEET 1 OF 1	
Certificate of Authorization No. 1293 LS					
NO.	REVISION	DATE	BY		
SUR. BY:	PJ	06/14/2018			
DRAWN BY:	AC				
APPROVED BY:	TH				