

API NUMBER: 137 27655

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

Approval Date: 01/27/2022
Expiration Date: 07/27/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 22 Township: 1N Range: 5W County: STEPHENS

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 300 1800

Lease Name: PRAIRIE DALE Well No: 2-27HW Well will be 300 feet from nearest unit or lease boundary.

Operator Name: CITATION OIL & GAS CORPORATION Telephone: 2818911000; 2818911000 OTC/OCC Number: 14156 0

CITATION OIL & GAS CORPORATION
14077 CUTTEN RD
HOUSTON, TX 77069-2212

JOHN MAXWELL
296870 STATE HIGHWAY 29
MARLOW OK 73055

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

Name	Code	Depth
1 WOODFORD	319WDFD	12079

Spacing Orders: 678751

Location Exception Orders: No Exceptions

Increased Density Orders: 723050

Pending CD Numbers: 202102735

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 18571 Ground Elevation: 1215

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 800

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 22-38051

H. (Other)

SEE MEMO

PIT 1 INFORMATION

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

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: AP/TE DEPOSIT

Pit Location Formation: DUNCAN

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

HORIZONTAL HOLE 1

Section: 27	Township: 1N	Range: 5W	Meridian: IM	Total Length: 5044
County: STEPHENS				Measured Total Depth: 18571
Spot Location of End Point: SW	SE	SE	SW	True Vertical Depth: 13223
Feet From: SOUTH	1/4 Section Line: 81			End Point Location from
Feet From: WEST	1/4 Section Line: 2059			Lease, Unit, or Property Line: 81

Additional Surface Owner(s)**Address****City, State, Zip**

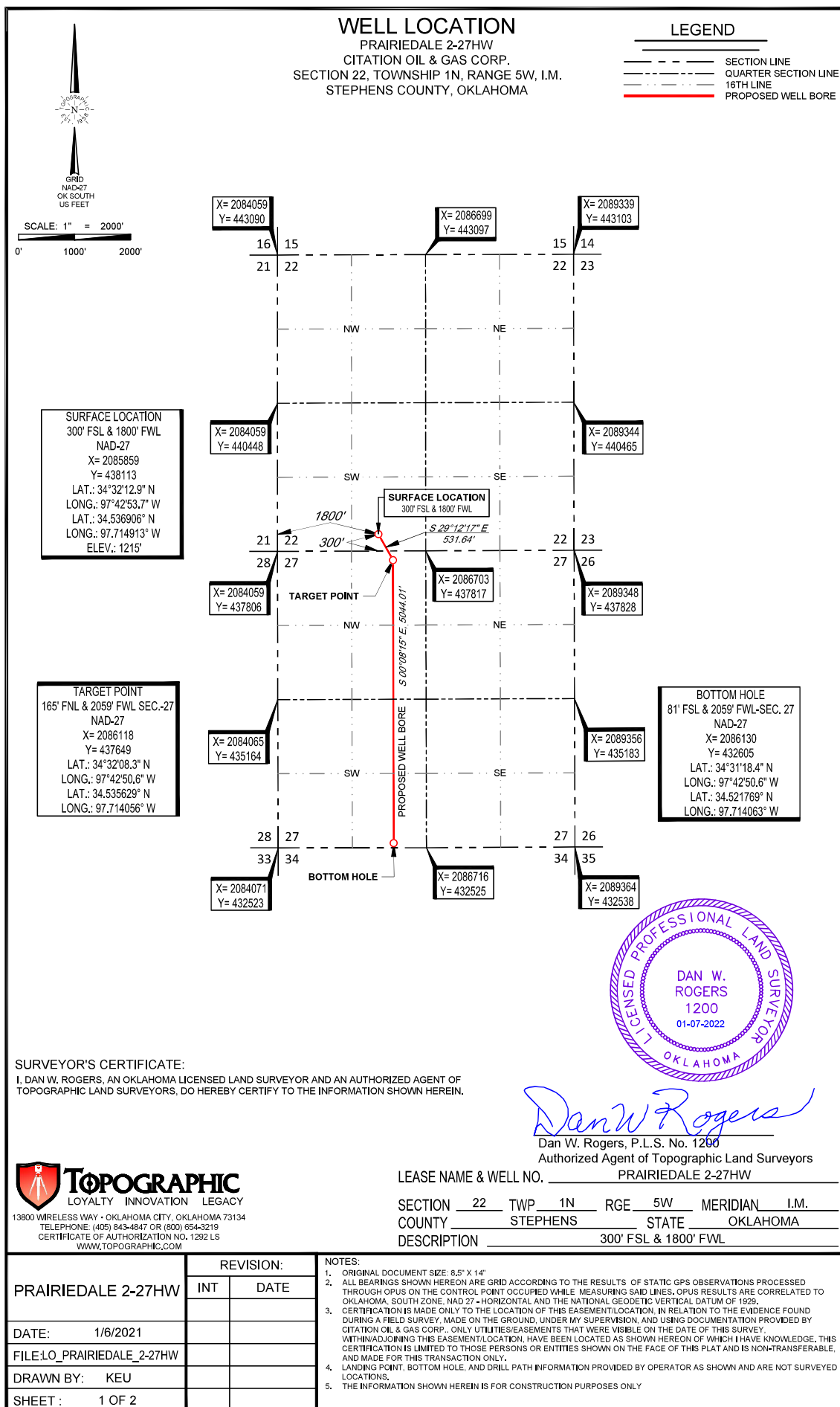
JACK MAXWELL

296496 STATE HIGHWAY 29

MARLOW, OK 73055


NOTES:

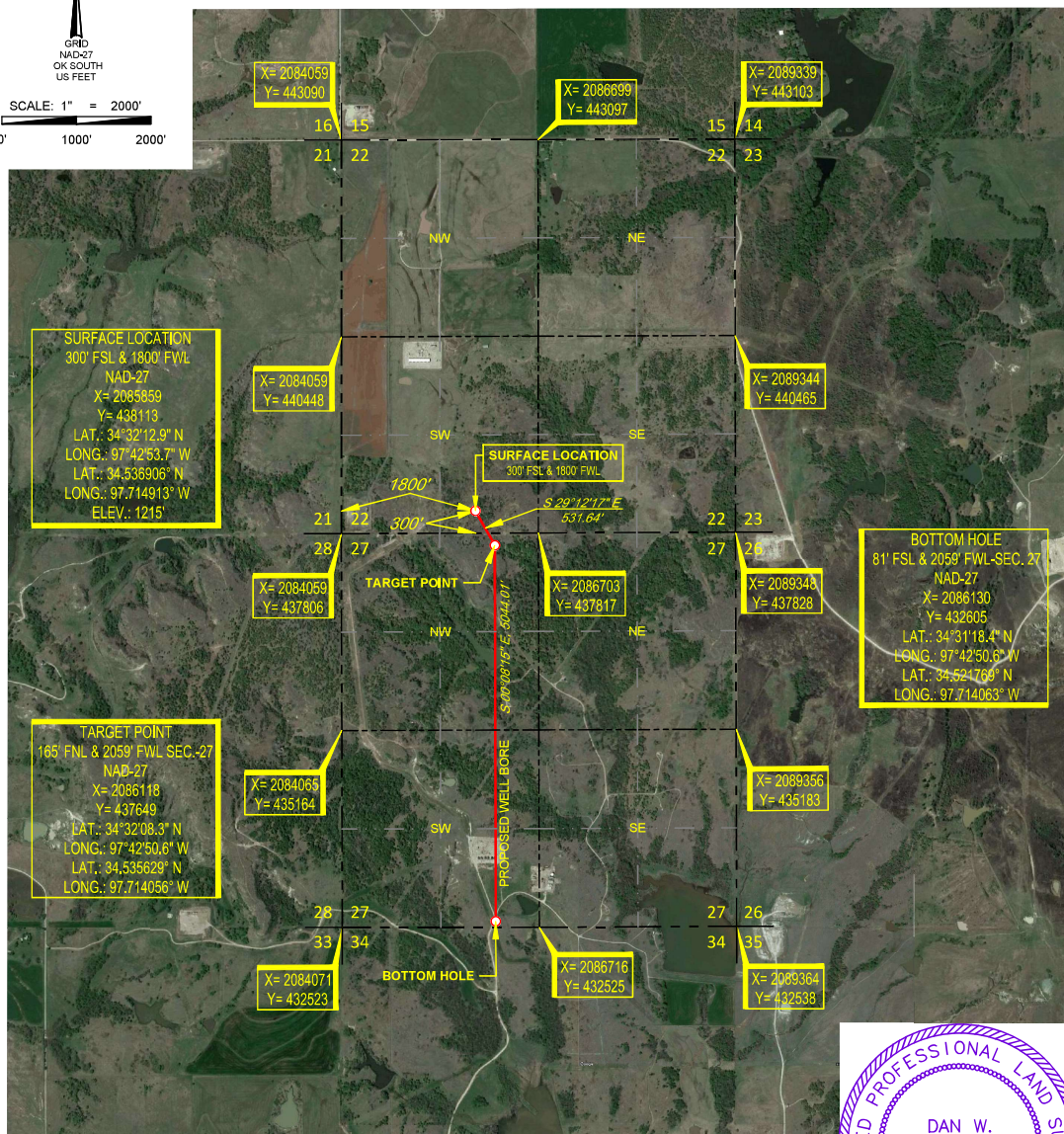
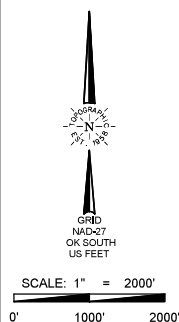
Category	Description
DEEP SURFACE CASING	[1/20/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	[1/20/2022 - GC2] - OCC 165:10-3-10 REQUIRES: 1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN; 2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML ; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG
INCREASED DENSITY - 723050	[1/27/2022 - G56] - (I.O.) 27-1N-5W X678751 WDFD 4 WELLS NO OP NAMED 1/26/2022
MEMO	[1/20/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202102735	[1/27/2022 - G56] - (I.O.) 27-1N-5W X678751 WDFD COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 1700' FWL NO OP NAMED REC 1/10/2022 (HUBER)
SPACING - 678751	[1/27/2022 - G56] - (640) 27-1N-5W VAC OTHERS EXT 669539 WDFD, OTHERS




LEGEND

PRAIRIE DALE 2-27HW
CITATION OIL & GAS CORP.
SECTION 22, TOWNSHIP 1N, RANGE 5W, I.M.
STEPHENS COUNTY, OKLAHOMA

 SECTION LINE
 QUARTER SECTION LINE
 16TH LINE
 PROPOSED WELL BORE



I, DAN W. ROGERS, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.


Dan W. Rogers, P.L.S. No. 1200
Authorized Agent of Topographic Land Surveyors
NO PRAIRIEDALE 2-27HW

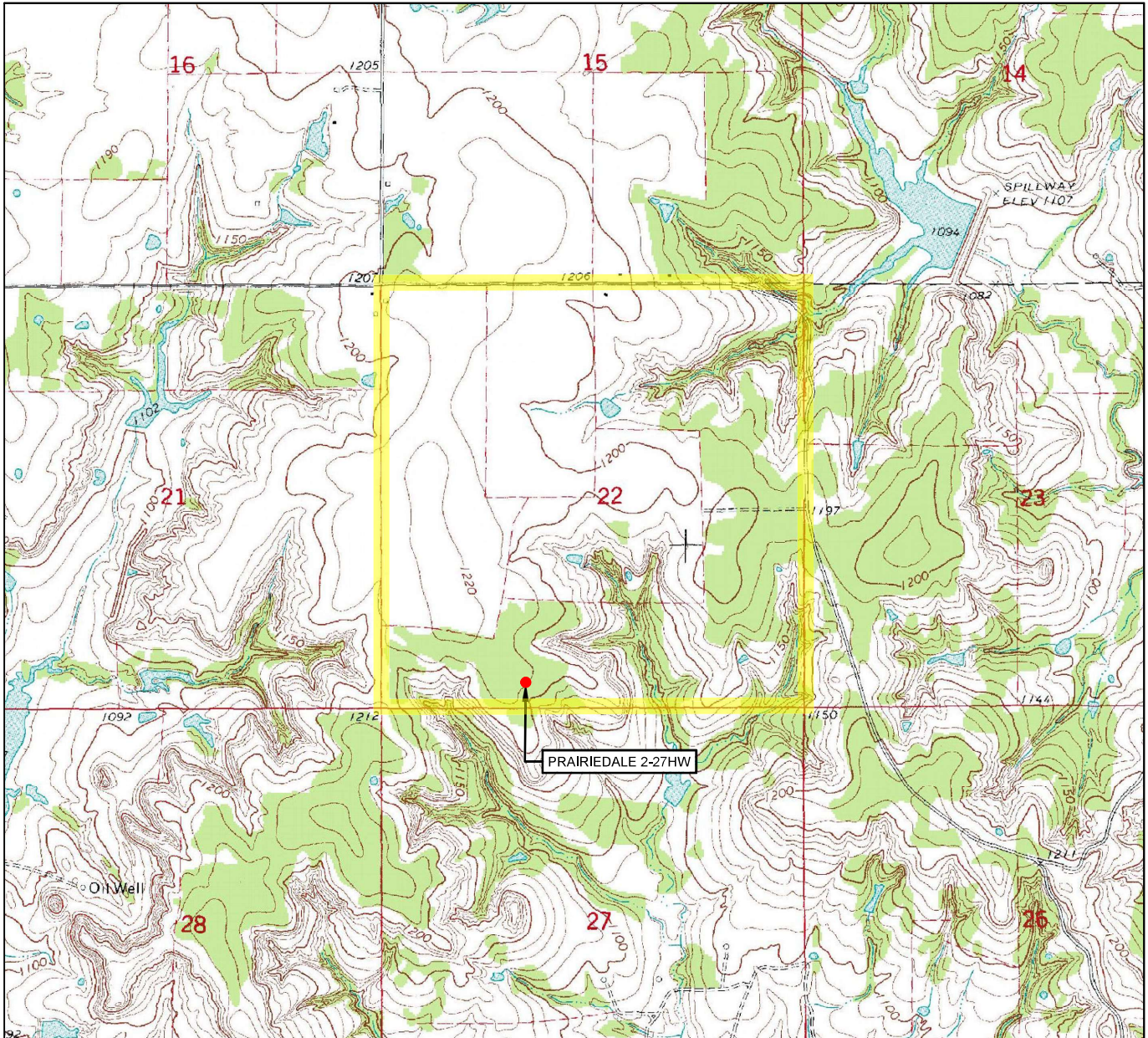


LEASE NAME & WELL NO PRAIRIEDALE 2-27HW

SECTION 22 TWP 1N RGE 5W MERIDIAN 1.M.
COUNTY STEPHENS STATE OKLAHOMA
DESCRIPTION 300' FSL & 1800' FWL

PRAIRIEDALE 2-27HW		REVISION:		NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 14" 2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA, SOUTH ZONE, NAD 27 - HORIZONTAL AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. 3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY CITATION OIL & GAS CORP., ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY. WITHIN ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE, THE CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE AND MADE FOR THIS TRANSACTION ONLY. 4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS. 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
		INT	DATE	
DATE: 1/6/2021				
FILE:LO_PRAIRIEDALE_2-27HW				
DRAWN BY: KEU				
SHEET : 2 OF 2				

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. PRAIRIE DALE 2-27HW

SECTION 22 TWP 1N RGE 5W MERIDIAN I.M.

COUNTY STEPHENS STATE OKLAHOMA

DESCRIPTION 300' FSL & 1800' FWL

ELEVATION 1215'



SCALE: 1" = 2000'
0' 1000' 2000'

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY CITATION OIL & GAS CORP.. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM