

API NUMBER: 051 24850

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

Approval Date: 06/24/2021
Expiration Date: 12/24/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 23 Township: 6N Range: 7W County: GRADY

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 2333 280

Lease Name: JOHN KEELING 0607 Well No: 23-14-1MXH Well will be 380 feet from nearest unit or lease boundary.
Operator Name: CAMINO NATURAL RESOURCES LLC Telephone: 7204052729 OTC/OCC Number: 24097 0

CAMINO NATURAL RESOURCES LLC
1401 17TH ST STE 1000
DENVER, CO 80202-1247

WILLARD GENE HAYDEN
3202 POND RIDGE
CHICKASHA OK 73018

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	16425
2	WOODFORD	319WDFD	16586
3	HUNTON	269HNTN	16843

Spacing Orders: 669993 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders
718715
719075

Pending CD Numbers: 202100072 Working interest owners' notified: *** Special Orders: No Special Orders

Total Depth: 24945 Ground Elevation: 1111 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 520

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: 21-37538
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: BED AQUIFER

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.

MULTI UNIT HOLE 1

Section: 14	Township: 6N	Range: 7W	Meridian: IM	Total Length: 7500
County: GRADY				Measured Total Depth: 24945
Spot Location of End Point: NW	NE	NE	NE	True Vertical Depth: 16800
Feet From: NORTH	1/4 Section Line: 100			End Point Location from
Feet From: EAST	1/4 Section Line: 380			Lease, Unit, or Property Line: 165

NOTES:

Category	Description
DEEP SURFACE CASING	[6/8/2021 - 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	<p>[6/8/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
MEMO	[6/8/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202100072	<p>[6/14/2021 - GC2] - (I.O.) 23 & 14-6N-7W X718715 MSSP, WDFD, HNTN 23-6N-7W X669993 MSSP, WDFD, HNTN 14-6N-7W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO JOYCE KEELING 0607 23-26-1WXH COMPL. INT. (23-6N-7W) NCT 1980' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (14-6N-7W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC. 5-12-2021 (MILLER)</p>
SPACING - 669993	<p>[6/14/2021 - GC2] - (640)(HOR) 14-6N-7W EST MSSP, WDFD, HNTN COMPL. INT. (MSSP, HNTN) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FB, NLT 330' FEL/FWL</p>
SPACING - 718715	<p>[6/14/2021 - GC2] - (640)(HOR) 23-6N-7W EXT 676758 MSSP, WDFD, HNTN COMPL. INT. (MSSP, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL</p>
SPACING - 719075 (202100071)	<p>[6/24/2021 - GC2] - (I.O.) 23 & 14-6N-7W EST MULTIUNIT HORIZONTAL WELL X718715 MSSP, WDFD, HNTN 23-6N-7W X669993 MSSP, WDFD, HNTN 14-6N-7W (WDFD, HNTN ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 33% 23-6N-7W 67% 14-6N-7W CAMINO NATURAL RESOURCES 6-23-2021</p>

WELL LOCATION
JOHN KEELING 0607 23-14 1MXH
CAMINO NATURAL RESOURCES
SECTION 23, TOWNSHIP 6N, RANGE 7W, I.M.
GRADY COUNTY, OKLAHOMA

LEGEND

SECTION LINE
QUARTER SECTION LINE
16TH LINE
PROPOSED WELL BORE



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

SURFACE LOCATION

2333' FSL & 280' FEL
NAD-27
X= 2029895
Y= 598395
LAT.: 34°58'39.4"N
LONG.: 97°54'00.8"W
LAT.: 34.977614° N
LONG.: 97.900210° W
ELEV.: 1112' (NGVD29)
NAD-83
X= 1998298
Y= 598436
LAT.: 34°58'39.7" N
LONG.: 97°54'01.9" W
LAT.: 34.977681° N
LONG.: 97.900529° N
ELEV.: 1112' (NAVD88)

FIRST TAKE POINT

2379' FSL & 380' FEL
NAD-27
X= 2029795
Y= 598441
LAT.: 34°58'39.9" N
LONG.: 97°54'02.0" W
LAT.: 34.977741° N
LONG.: 97.900542° W
NAD-83
X= 1998199
Y= 598482
LAT.: 34°58'40.1" N
LONG.: 97°54'03.1" W
LAT.: 34.977808° N
LONG.: 97.900861° N

NAD-27
X= 2024901
Y= 606678
NAD-83
X= 1993304
Y= 606719

NAD-27
X= 2027545
Y= 606678
NAD-83
X= 1995948
Y= 606719

NAD-27
X= 2030189
Y= 606674
NAD-83
X= 1998592
Y= 606715

NAD-27
X= 2024894
Y= 604036
NAD-83
X= 1993298
Y= 604078

NAD-27
X= 2030178
Y= 604019
NAD-83
X= 1998581
Y= 604061

NAD-27
X= 2024889
Y= 601371
NAD-83
X= 1993292
Y= 601412

NAD-27
X= 2027527
Y= 601363
NAD-83
X= 1995930
Y= 601405

NAD-27
X= 2030168
Y= 601372
NAD-83
X= 1998572
Y= 601413

NAD-27
X= 2024884
Y= 598712
NAD-83
X= 1993287
Y= 598754

NAD-27
X= 2030175
Y= 598717
NAD-83
X= 1998579
Y= 598759

NAD-27
X= 2024879
Y= 596054
NAD-83
X= 1993283
Y= 596095

NAD-27
X= 2027531
Y= 596058
NAD-83
X= 1995935
Y= 596100

NAD-27
X= 2030177
Y= 596062
NAD-83
X= 1998580
Y= 596104

LAST TAKE POINT

165' FNL & 380' FEL
NAD-27
X= 2029808
Y= 606509
LAT.: 34°59'59.7" N
LONG.: 97°54'01.7" W
LAT.: 34.999911° N
LONG.: 97.900473° W
NAD-83
X= 1998211
Y= 606551
LAT.: 34°59'59.9" N
LONG.: 97°54'02.9" W
LAT.: 34.999977° N
LONG.: 97.900793° N

BOTTOM HOLE

100' FNL & 380' FEL
NAD-27
X= 2029808
Y= 606574
LAT.: 35°00'00.3" N
LONG.: 97°54'01.7" W
LAT.: 35.000089° N
LONG.: 97.900472° W
NAD-83
X= 1998212
Y= 606616
LAT.: 35°00'00.6" N
LONG.: 97°54'02.9" W
LAT.: 35.000155° N
LONG.: 97.900792° N



SURVEYOR'S CERTIFICATE:

I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.



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

Thomas L. Howell, P.L.S. No. 1433
Authorized Agent of Topographic Land Surveyors

LEASE NAME & WELL NO. JOHN KEELING 0607 23-14 1MXH

SECTION 23 TWP 6N RGE 7W MERIDIAN I.M.

COUNTY GRADY STATE OKLAHOMA

DESCRIPTION 2333' FSL & 280' FEL

JOHN KEELING
0607 23-14 1MXH

REVISION:

INT DATE

DATE: 05/20/2021

FILE:LO_JOHN_KEELING_0607_23-14_1MXH

DRAWN BY: KEU

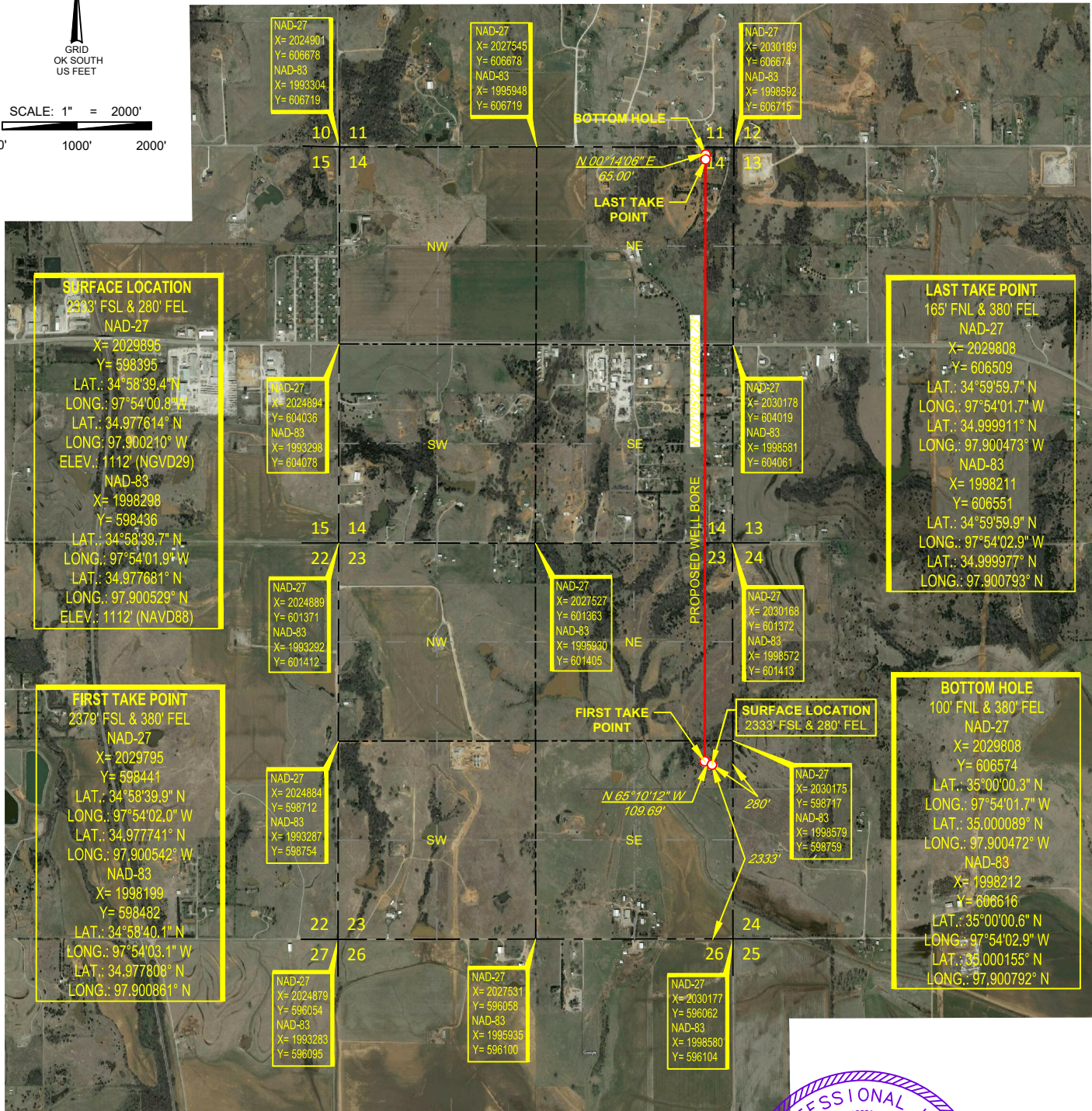
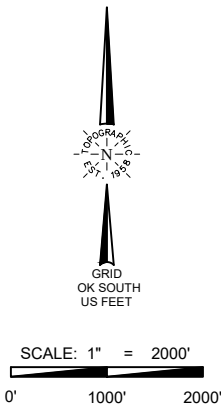
SHEET: 1 OF 2

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATIC GPS OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM THROUGH NORTH ZONE AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988.
4. 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 CAMINO NATURAL RESOURCES 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. THIS 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.
5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

WELL LOCATION
JOHN KEELING 0607 23-14 1MXH
CAMINO NATURAL RESOURCES
SECTION 23 , TOWNSHIP 6N , RANGE 8W, I.M.
GRADY COUNTY, OKLAHOMA

LEGEND	
	SECTION LINE
	QUARTER SECTION LINE
	16TH LINE
	PROPOSED WELL BORE



SURVEYOR'S CERTIFICATE:

I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.



JOHN KEELING 0607
23-14 1MXH

DATE: 05/20/2021

FILE:LO_JOHN_KEELING_0607_23-14_1MXH

DRAWN BY: KEU

SHEET : 2 OF 2

REVISION:

INT	DATE

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS SHOWN HEREON ARE GRID OKLAHOMA COORDINATE SYSTEM OF 1983 NORTH ZONE ACCORDING TO THE RESULT OF STATIC GPS OBSERVATION PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA COORDINATE SYSTEM THROUGH NORTH ZONE AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. OKLAHOMA COORDINATE SYSTEM OF 1927 AND NATIONAL GEOGRAPHIC VERTICAL DATUM OF 1929 INFORMATION CONVERTED FROM OKLAHOMA COORDINATE SYSTEM OF 1983 AND NORTH AMERICAN VERTICAL DATUM OF 1988.
4. 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 CAMINO NATURAL RESOURCES 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. THIS 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.
5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

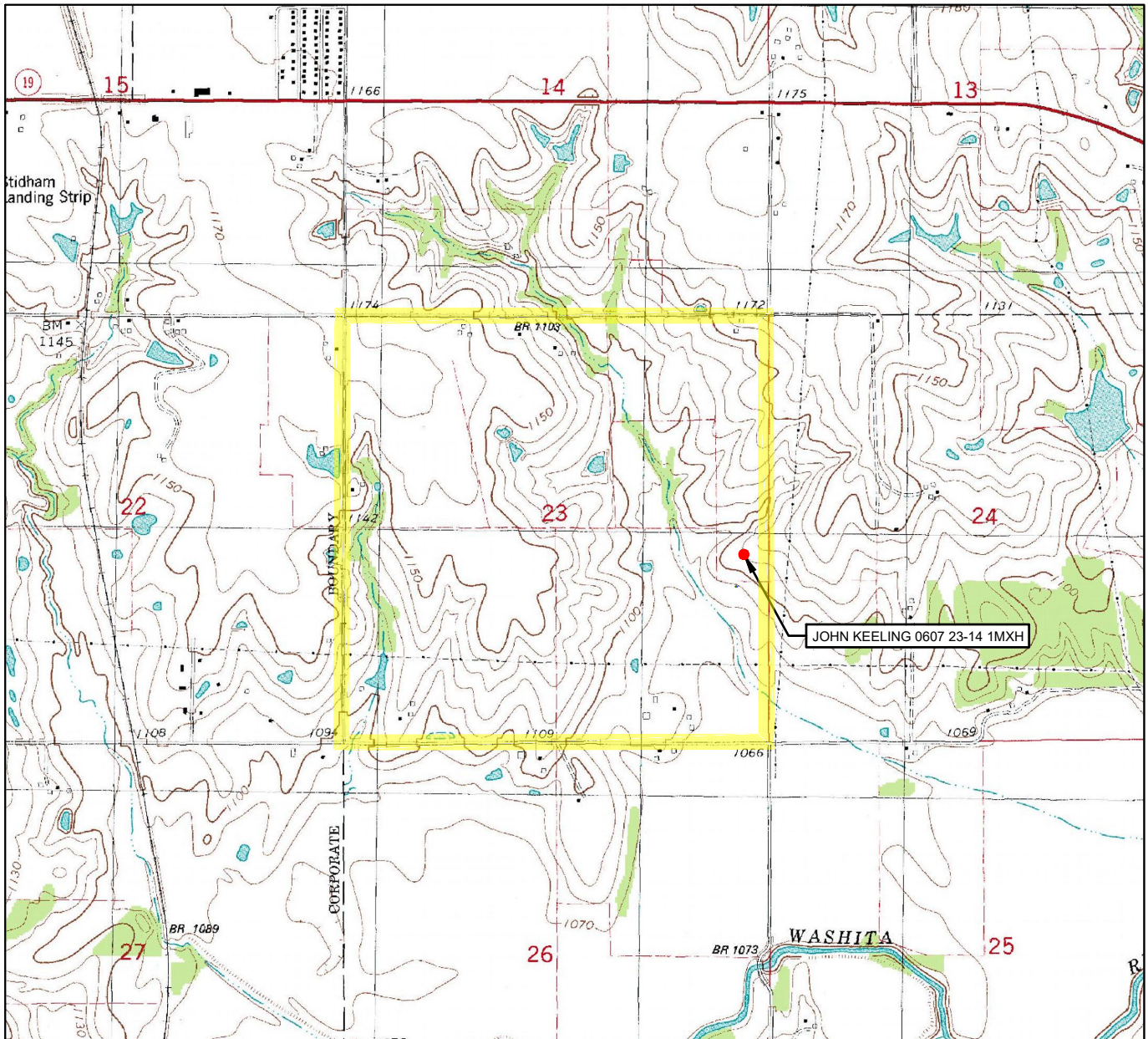


Thomas L. Howell, P.L.S. No. 1433
Authorized Agent of Topographic Land Surveyors

LEASE NAME & WELL NO. JOHN KEELING 0607 23-14 1MXH

SECTION 23 TWP 6N RGE 7W MERIDIAN I.M.
COUNTY GRADY STATE OKLAHOMA
DESCRIPTION 2333' FSL & 280' FEL

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. JOHN KEELING 0607 23-14 1MXH

SECTION 23 TWP 6N RGE 7W MERIDIAN 1M

COUNTY GRADY STATE OKLAHOMA

DESCRIPTION 2333' FSL & 280' FEL

ELEVATION 1112' (NGVD29)

ELEVATION 1112' (NAVD88)

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 CAMINO NATURAL RESOURCES. 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, U.S. SURVEY FEET.



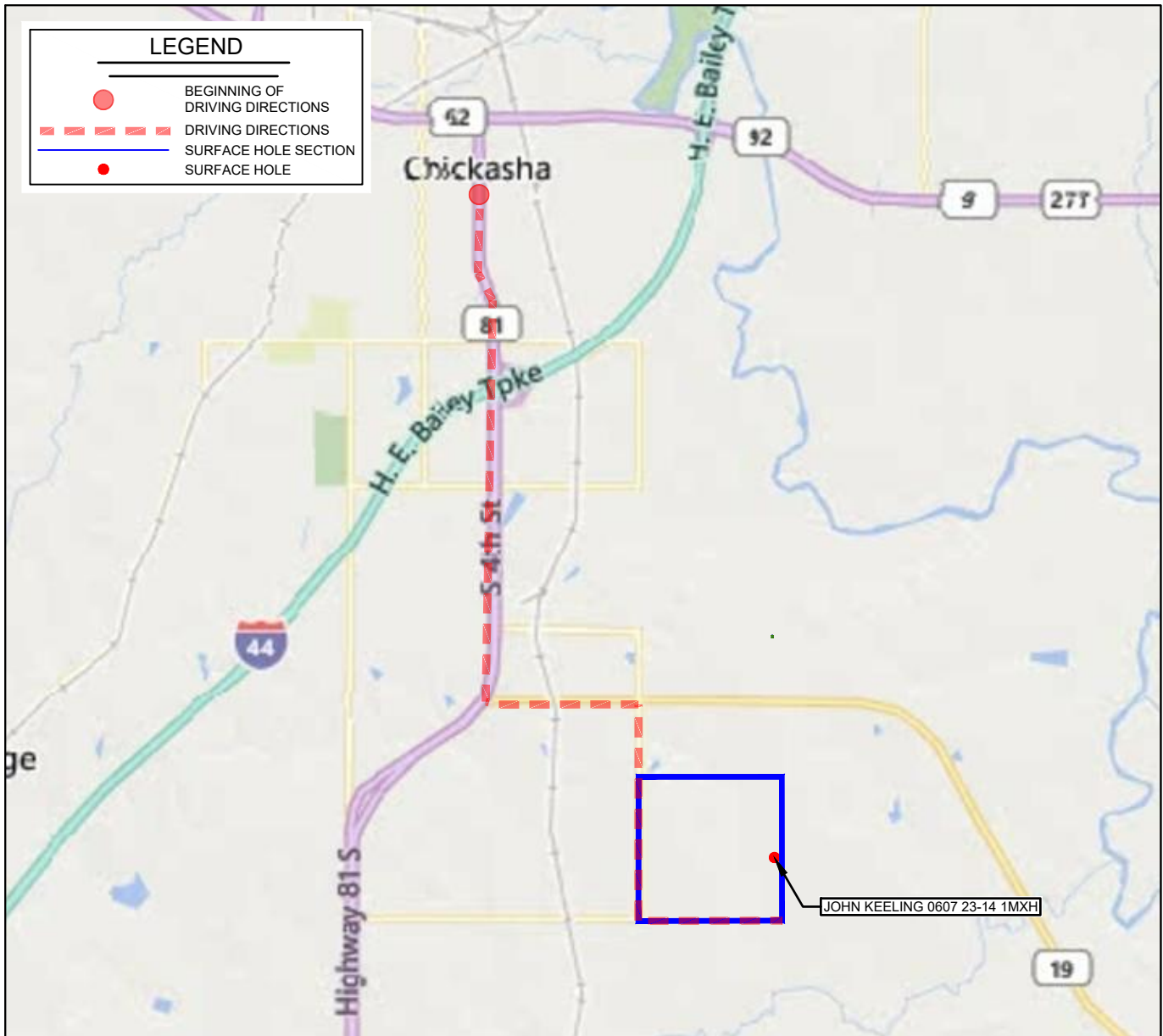
SCALE: 1" = 2000'
0' 1000' 2000'



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

VICINITY MAP



LEASE NAME & WELL NO. JOHN KEELING 0607 23-14 1MXH

SECTION 23 TWP 6N RGE 7W MERIDIAN I.M.

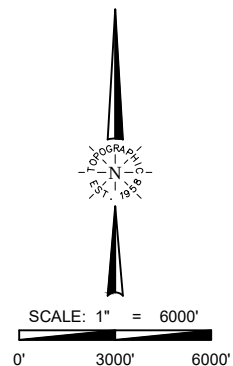
COUNTY GRADY STATE OKLAHOMA

DESCRIPTION 2333' FSL & 280' FEL

DISTANCE & DIRECTION

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 CAMINO NATURAL RESOURCES. 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, NORTH ZONE OF THE NORTH AMERICAN DATUM, U.S. SURVEY FEET.



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