

API NUMBER: 017 25697

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

Approval Date: 08/16/2021
Expiration Date: 02/16/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 23 Township: 12N Range: 8W County: CANADIAN

SPOT LOCATION: ☐ SE ☐ NW ☐ NW ☐ NW
FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 352 545

Lease Name: GOLDEN SNITCH 14-12N-8W Well No: 2MH Well will be 352 feet from nearest unit or lease boundary.
Operator Name: PALOMA OPERATING CO INC Telephone: 7136508509 OTC/OCC Number: 23932 0

PALOMA OPERATING CO INC
1100 LOUISIANA ST STE 5100
HOUSTON, TX 77002-5220

LISA LOOSEN MULLEN
P.O. BOX 21625
OKLAHOMA CITY OK 73156-1625

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

Name	Code	Depth
1 MISSISSIPPI	351MISS	9875

Spacing Orders: 137298

Location Exception Orders: 720001

Increased Density Orders: No Density Orders

Pending CD Numbers: 202101275

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 17000

Ground Elevation: 1416

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 330

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 21-37731

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 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: DOG CREEK

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: DOG CREEK

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: 14	Township: 12N	Range: 8W	Meridian: IM	Total Length: 5280
	County: CANADIAN			Measured Total Depth: 17000
Spot Location of End Point: NW	NW	NE	NW	True Vertical Depth: 10700
Feet From: NORTH	1/4 Section Line: 65			End Point Location from
Feet From: WEST	1/4 Section Line: 1600			Lease, Unit, or Property Line: 65

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

LISA LOOSEN MULLEN

P.O. BOX 21625

OKLAHOMA CITY, OK 73156-1625

NOTES:

Category	Description
DEEP SURFACE CASING	[8/13/2021 - 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	[8/13/2021 - 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
LOCATION EXCEPTION - 720001 (202101274)	[8/16/2021 - GC2] - (I.O.) 14-12N-8W X137298 MISS COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL NO OP NAMED 8-10-2021
MEMO	[8/13/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202101275	[8/16/2021 - GC2] - 14-12N-8W X137298 MISS 3 WELLS REC. 8-9-2021 (DENTON)
SPACING - 137298	[8/16/2021 - GC2] - (640) 14-12N-8W EXT OTHERS EXT 1343733 MISS, OTHER

WELL LOCATION
GOLDEN SNITCH 14-12N-8W 2MH
PALOMA OPERATING COMPANY, INC.
SECTION 23, TOWNSHIP 12N, RANGE 8W, I.M.
CANADIAN COUNTY, OKLAHOMA

LEGEND

SECTION LINE
QUARTER SECTION LINE
16TH LINE
PROPOSED WELL BORE



GRID
NAD-27
OK NORTH
US FEET

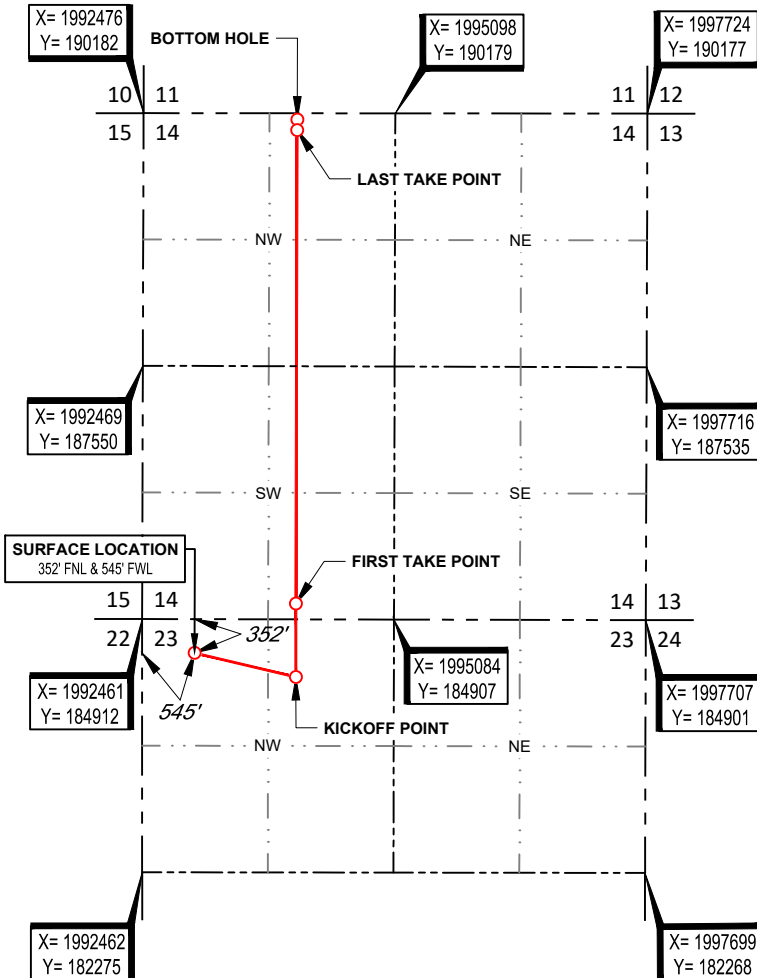
SCALE: 1" = 2000'

0' 1000' 2000'

FIRST TAKE POINT
165' FSL & 1600' FWL
NAD-27
X= 1994062
Y= 185074
LAT.: 35°30'30.3" N
LONG.: 98°01'11.8" W
LAT.: 35.508429° N
LONG.: 98.019950° W

KICKOFF POINT
600' FNL & 1600' FWL
NAD-27
X= 1994061
Y= 184309
LAT.: 35°30'22.8" N
LONG.: 98°01'11.8" W
LAT.: 35.506327° N
LONG.: 98.019951° W

SURFACE LOCATION
352' FNL & 545' FWL
NAD-27
X= 1993006
Y= 184559
LAT.: 35°30'25.2" N
LONG.: 98°01'24.6" W
LAT.: 35.507014° N
LONG.: 98.023496° W
ELEV.: 1415' (NAVD29)
LAT.: 35°30'25.4" N
LONG.: 98°01'25.8" W
ELEV.: 1416' (NGVD88)



BOTTOM HOLE
65' FNL & 1600' FWL
NAD-27
X= 1994076
Y= 190115
LAT.: 35°31'20.2" N
LONG.: 98°01'11.7" W
LAT.: 35.522279° N
LONG.: 98.019905° W

LAST TAKE POINT
165' FNL & 1600' FWL
NAD-27
X= 1994076
Y= 190015
LAT.: 35°31'19.2" N
LONG.: 98°01'11.7" W
LAT.: 35.522004° N
LONG.: 98.019906° W



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.

Thomas L. Howell
Thomas L. Howell, P.L.S. No. 1433

Authorized Agent of Topographic Land Surveyors



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

LEASE NAME & WELL NO. GOLDEN SNITCH 14-12N-8W 2MH

SECTION 23 TWP 12N RGE 8W MERIDIAN I.M.

COUNTY CANADIAN STATE OKLAHOMA

DESCRIPTION 352' FNL & 545' FWL

GOLDEN SNITCH
14-12N-8W 2MH

REVISION:

INT	DATE
JS	07/27/2021

DATE: 07/23/2021

FILE:LO_GOLDEN_SNITCH_14-12N-8W_1MH_REV1

DRAWN BY: KEU

SHEET : 1 OF 2

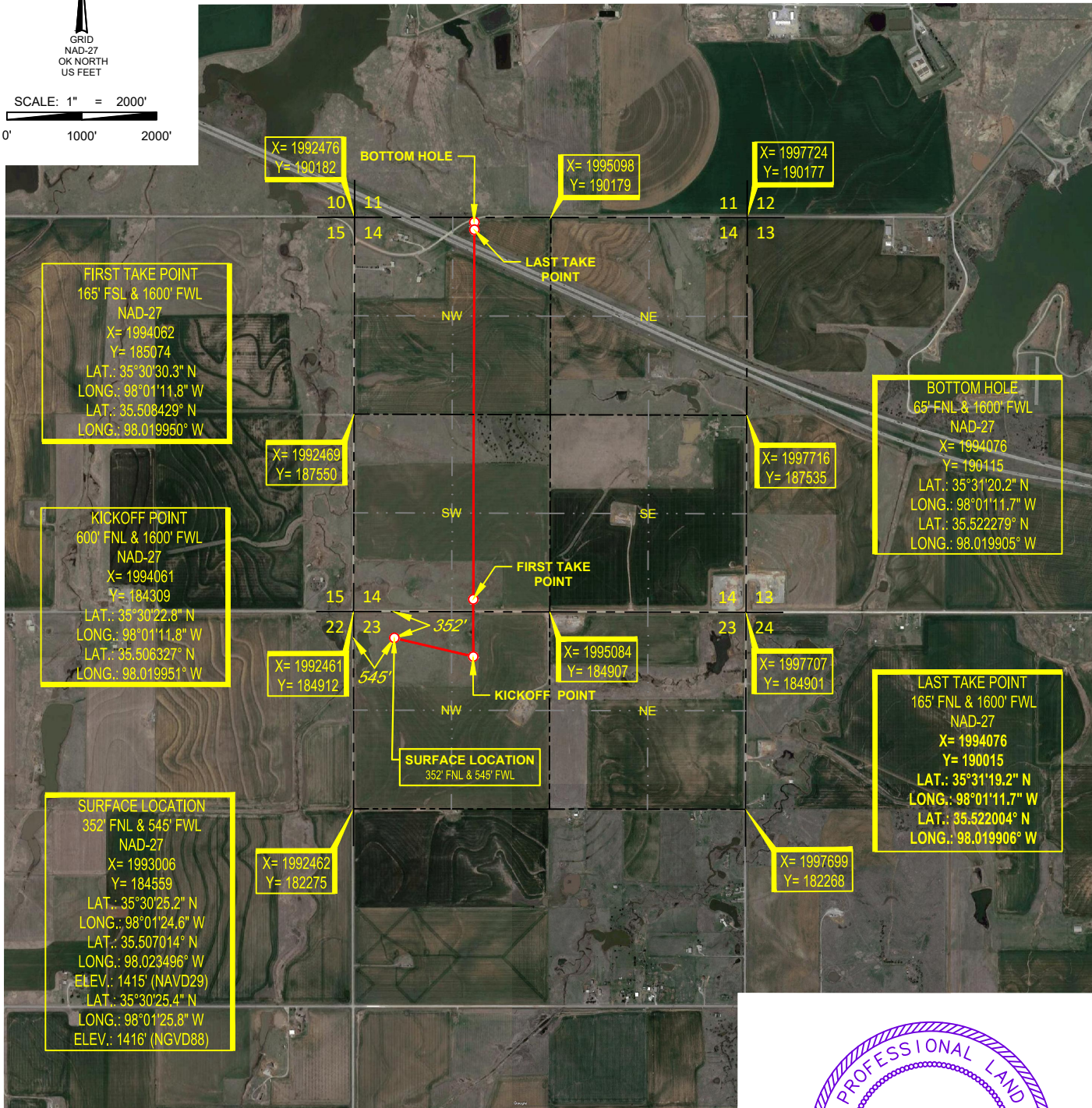
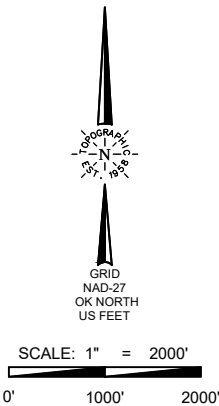
NOTES:

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, NORTH 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 PALOMA OPERATING COMPANY, INC. 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.
4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.
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WELL LOCATION
GOLDEN SNITCH 14-12N-8W 2MH
PALOMA OPERATING COMPANY, INC.
SECTION 23, TOWNSHIP 12N, RANGE 8W, I.M.
CANADIAN COUNTY, OKLAHOMA

LEGEND

- SECTION LINE
--- QUARTER SECTION LINE
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--- PROPOSED WELL BORE



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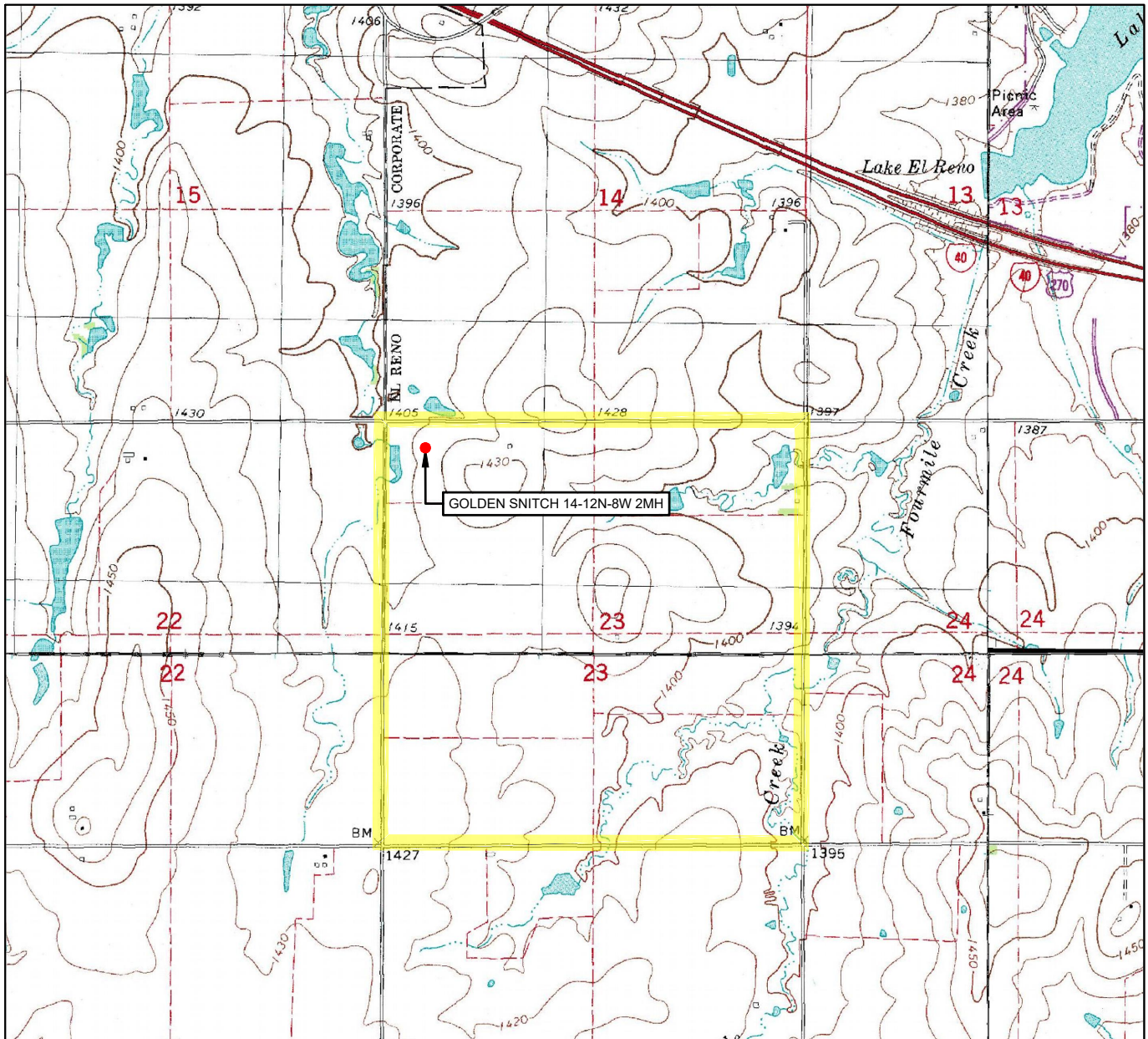
SECTION 23 TWP 12N RGE 8W MERIDIAN I.M.
COUNTY CANADIAN STATE OKLAHOMA
DESCRIPTION 352' FNL & 545' FWL

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LOYALTY INNOVATION LEGACY
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GOLDEN SNITCH 14-12N-8W 2MH	REVISION:	
	INT	DATE
	JS	07/27/2021
DATE: 07/23/2021		
FILE:LO_GOLDEN_SNITCH_14-12N-8W_1MH_REV1		
DRAWN BY: KEU		
SHEET : 2 OF 2		

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LOCATION & ELEVATION VERIFICATION MAP



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SECTION 23 TWP 12N RGE 8W MERIDIAN I.M.

COUNTY CANADIAN STATE OKLAHOMA

DESCRIPTION 352' FNL & 545' FWL

ELEVATION 1415' (NAVD29)

ELEVATION 1416' (NGVD88)

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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 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.



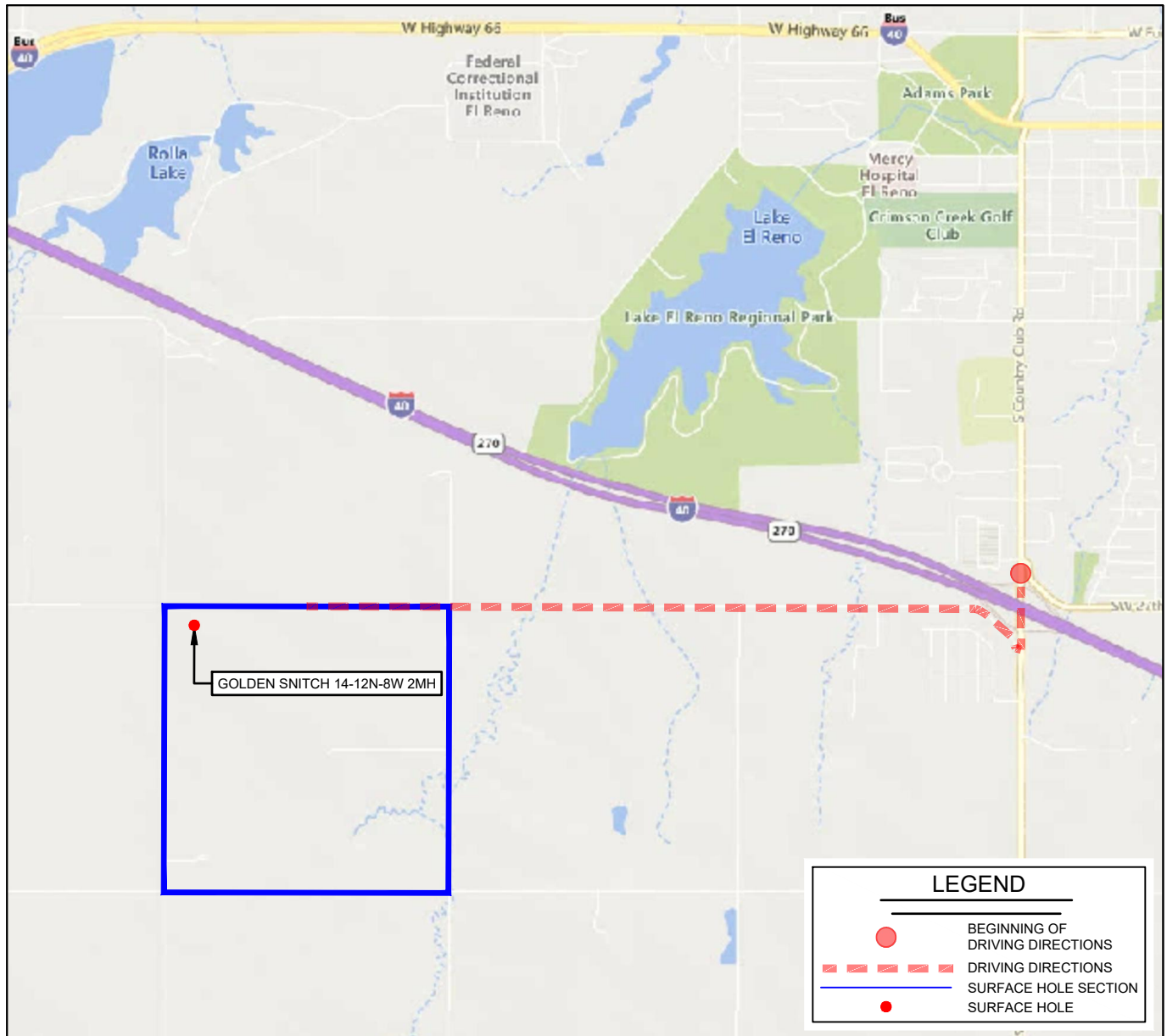
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VICINITY MAP



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COUNTY CANADIAN STATE OKLAHOMA

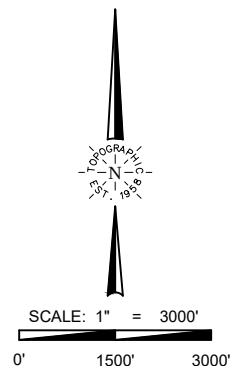
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DISTANCE & DIRECTION

FROM THE JUNCTION OF I-40 & COUNTRY CLUB RD GO ± 0.25 MI.
SOUTH ON COUNTRY CLUB RD., THEN GO ± 2.5 MI. WEST ON SW 27TH
ST. TO THE NORTH QUARTER CORNER OF SECTION 23-T12N-R8W.

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