API NUMBER: 051 24921 A

Multi Unit Oil & Gas

Amend reason: CHANGE SHL

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

Approval Date: 03/02/2022
Expiration Date: 09/02/2023

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 25 Township: 10N Range: 7W County: GRADY

SPOT LOCATION: SE NE NE NW FEET FROM QUARTER: FROM **NORTH** FROM **WEST**

SECTION LINES: **653** **2381**

Lease Name: **DUMBLEDORE 24_13-10N-7W** **Well No:** **1MHX** **Well will be** **653** **feet from nearest unit or lease boundary.**

Operator Name: **PALOMA OPERATING CO INC** Telephone: 7136548534 OTC/OCC Number: 23932 0

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

NONA PARROTT LIVING TRUST
2705 SW 110TH STREET
OKLAHOMA CITY OK 73170

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

	Name	Code	Depth
1	MISSISSIPPI LIME	351MSSLM	10500

Spacing Orders: 681944
723195

Location Exception Orders: 723198

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 24000 Ground Elevation: 1328 **Surface Casing: 1000** Depth to base of Treatable Water-Bearing FM: 180

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: 22-38161

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: AP/TE DEPOSIT
Pit Location Formation: TERRACE

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: TERRACE

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: 13	Township: 10N	Range: 7W	Meridian: IM	Total Length:	10338
County:	GRADY			Measured Total Depth:	24000
Spot Location of End Point:	NE NE NW NW			True Vertical Depth:	11500
Feet From:	**NORTH**	1/4 Section Line: 65		End Point Location from Lease,Unit, or Property Line:	65
Feet From:	**WEST**	1/4 Section Line: 1277			

NOTES:

Category	Description
DEEP SURFACE CASING	[2/28/2022 - 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	[2/28/2022 - 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: OCCEWEB.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 - 723198	[3/2/2022 - G56] - (I.O.) 13 & 24-10N-7W X681944 MSSLM X165:10-3-28(C)(2)(B) MSSLM (DUMBLEDORE 24_13-10N-7W 1MHX) MAY BE CLOSER THAN 600' TO KATHRYN 1-13 WELL COMPL INT (24-10N-7W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL INT (13-10N-7W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL PALOMA OPERTING CO, INC 2/1/2022
MEMO	[2/28/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - BODY OF WATER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 681944	[3/2/2022 - G56] - (640)(HOR) 13 & 24-10N-7W EXT OTHER EST MSSLM COMPL INT NLT 660' FB (COEXIST WITH SP # 107705)
SPACING - 723195	[3/2/2022 - G56] - (I.O.) 13 & 24-10N-7W EST MULTIUNIT HORIZONTAL WELL X681944 MSSLM 50% 13-10N-7W 50% 24-10N-7W PALOMA OPERATING CO, INC 2/1/2022

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.

WELL LOCATION

DUMBLEDORE 24_13-10-7W 1MHX
PALOMA OPERATING COMPANY, INC.
SECTION 25, TOWNSHIP 10N, RANGE 7W, I.M.
GRADY COUNTY, OKLAHOMA

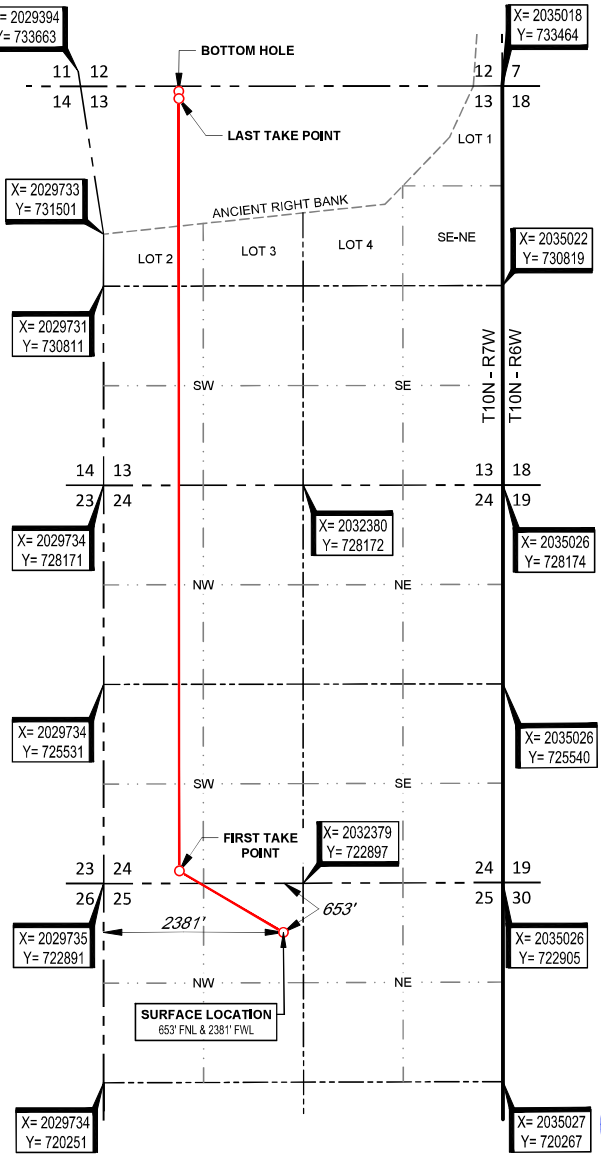
LEGEND

- SECTION LINE
- RANGE LINE
- QUARTER SECTION LINE
- 16TH LINE
- PROPOSED WELL BORE

GRID NAD-27 OK SOUTH US FEET

SCALE: 1" = 2000'

0' 1000' 2000'



SURFACE LOCATION
653' FNL & 2381' FWL
NAD-27
X= 2032115
Y= 722243
LAT.: 35°19'04.4" N
LONG.: 97°53'32.5" W
LAT.: 35.317877° N
LONG.: 97.892357° W
ELEV.: 1328'

LAST TAKE POINT
165' FNL & 1262' FWL
NAD-27
X= 2030729
Y= 733296
LAT.: 35°20'53.7" N
LONG.: 97°53'49.1" W
LAT.: 35.348247° N
LONG.: 97.896967° W

FIRST TAKE POINT
165' FSL & 1000' FWL
NAD-27
X= 2030735
Y= 723058
LAT.: 35°19'12.4" N
LONG.: 97°53'49.1" W
LAT.: 35.320121° N
LONG.: 97.896982° W

BOTTOM HOLE
65' FNL & 1277' FWL
NAD-27
X= 2030729
Y= 733396
LAT.: 35°20'54.7" N
LONG.: 97°53'49.1" W
LAT.: 35.348522° N
LONG.: 97.896967° W

LICENSED PROFESSIONAL LAND SURVEYOR
STAN W. LLOYD
1809
03-18-2022
OKLAHOMA

SURVEYOR'S CERTIFICATE:
I, STAN W. LLOYD, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC, CO., DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

Stan W. Lloyd
Stan W. Lloyd, P.L.S. No. 1809
Authorized Agent of Topographic, Co.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
FAX: (405) 843-2975
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. DUMBLEDORE 24_13-10-7W 1MHX

SECTION 25 TWP 10N RGE 7W MERIDIAN I.M.
COUNTY GRADY STATE OKLAHOMA
DESCRIPTION 653' FNL & 2381' FWL

DUMBLEDORE 24_13-10-7W 1MHX	REVISION: INT	DATE
	KEU	02/10/2022
DATE: 01/25/2022	KDH	02/21/2022
FILE: LO_DUMBLEDORE_24-13-10-7W_1MHX_REV3	KEU	03/16/2022
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, 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 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.
5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

WELL LOCATION

DUMBLEDORE 24_13-10-7W 1MHX
PALOMA OPERATING COMPANY, INC.
SECTION 25, TOWNSHIP 10N, RANGE 7W, I.M.
GRADY COUNTY, OKLAHOMA

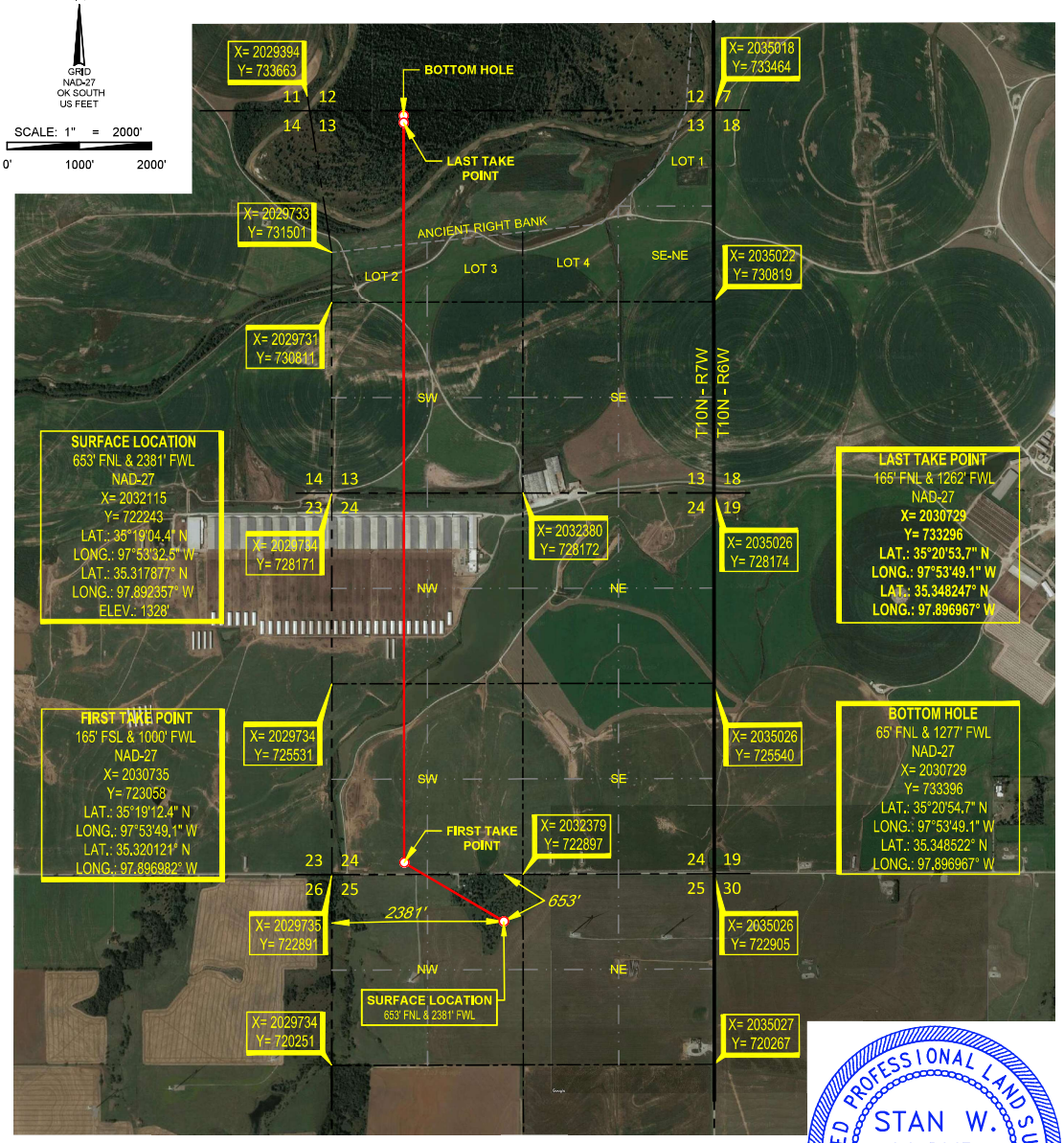
GRID NAD-27 OK SOUTH US FEET

SCALE: 1" = 2000'

0' 1000' 2000'

LEGEND

- SECTION LINE
- RANGE LINE
- QUARTER SECTION LINE
- 16TH LINE
- PROPOSED WELL BORE



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STAN W. LLOYD
1809
03-18-2022
OKLAHOMA

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LEASE NAME & WELL NO. DUMBLEDORE 24_13-10-7W 1MHX

SECTION 25 TWP 10N RGE 7W MERIDIAN I.M.
COUNTY GRADY STATE OKLAHOMA
DESCRIPTION 653' FNL & 2381' FWL

DUMBLEDORE 24_13-10-7W 1MHX	REVISION: INT	DATE
	KEU	02/10/2022
DATE: 01/25/2022	KDH	02/21/2022
FILE: 10_DUMBLEDORE_24-13-10-7W_1MHX_REV3	KEU	03/16/2022
DRAWN BY: KEU		
SHEET : 2 OF 2		

NOTES:

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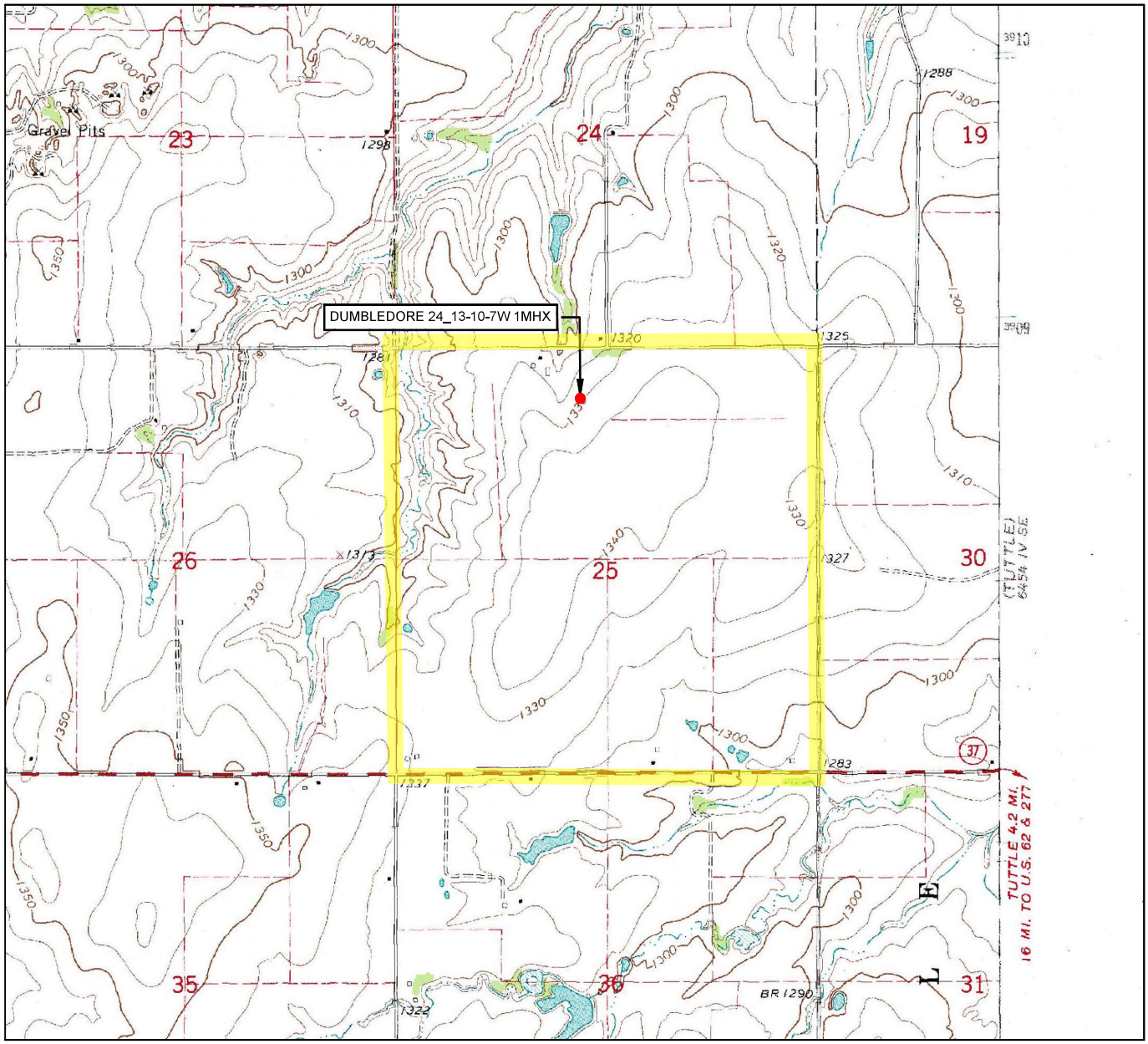
LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO. DUMBLEDORE 24_13-10-7W 1MHX

SECTION 25 TWP 10N RGE 7W MERIDIAN I.M.
COUNTY GRADY STATE OKLAHOMA
DESCRIPTION 653' FNL & 2381' FWL
ELEVATION 1328'

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 PALOMA OPERATING COMPANY, INC.. 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.

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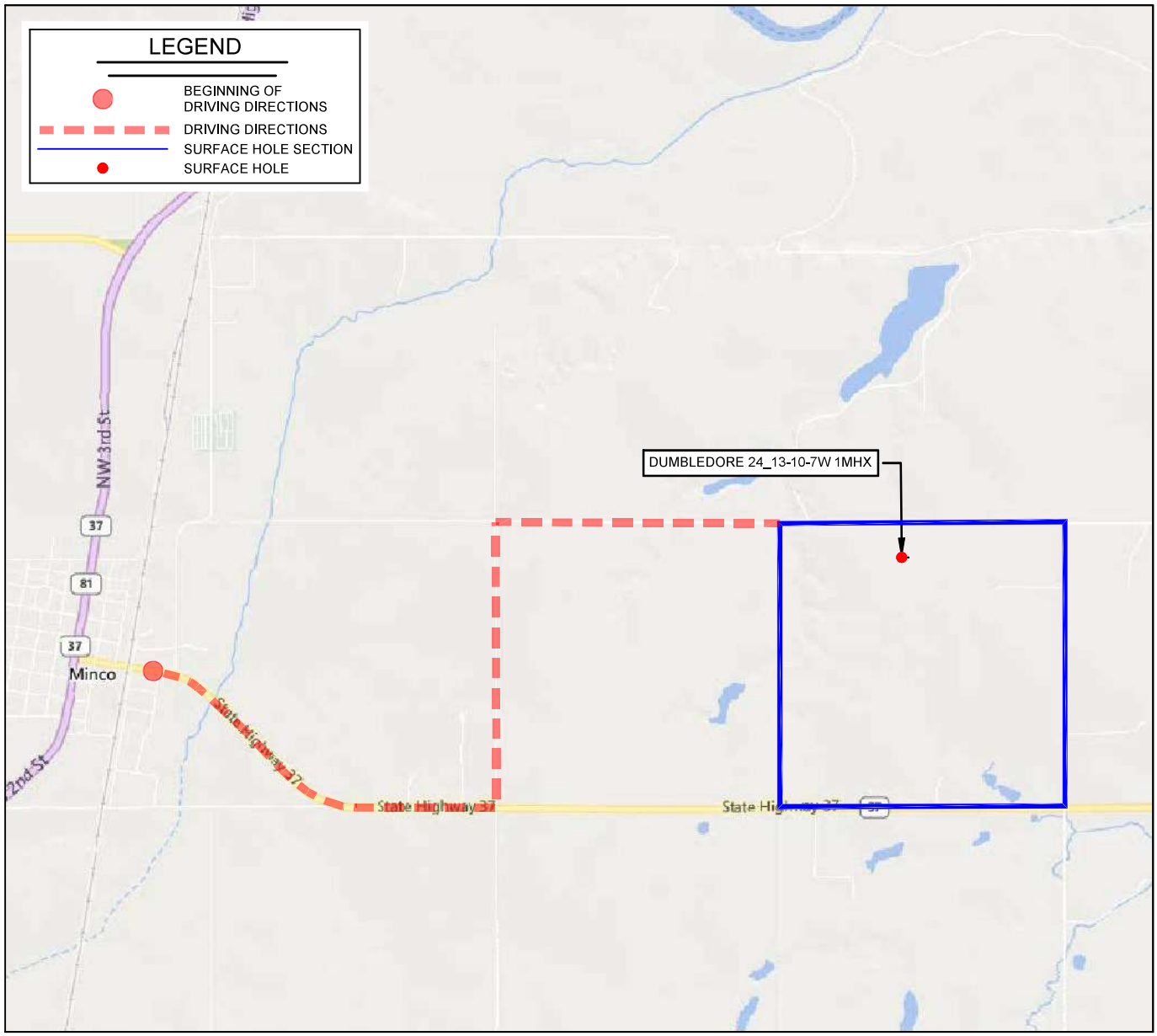
VICINITY MAP



LEASE NAME & WELL NO. DUMBLEDORE 24_13-10-7W 1MHX

SECTION 25 TWP 10N RGE 7W MERIDIAN I.M.

COUNTY GRADY STATE OKLAHOMA

DESCRIPTION 653' FNL & 2381' FWL

DISTANCE & DIRECTION

FROM THE JUNCTION OF ST.HWY 81 & ST.HWY 37 GO ±1.6 MI. EAST, THEN ±1.0 MI. NORTH ON SE CHISHOLM TRAIL RD., THEN GO ±1.0 MI. EAST ON E1170 RD. TO THE NORTHWEST CORNER OF SECTION 25-T10S-R7W.

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SCALE: 1" = 3000'

0' 1500' 3000'

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