API NUMBER: 017 25760

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

Approval Date:	01/10/2022
Expiration Date:	07/10/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 28 Township: 12N Range: 6W (County: CANADIAN
SPOT LOCATION: NE NE NE NE FEET FROM QUARTER: FROM	NORTH FROM EAST
	315 259
Lease Name: ROSEANNADANNA 27_22-12N-6W Well No:	
Operator Name: PALOMA OPERATING CO INC Telephone:	7136508509 OTC/OCC Number: 23932 0
PALOMA OPERATING CO INC	FRANK L. & JANICE A. HURST
1100 LOUISANA ST STE 5100	1871 NORTH GREGORY RD
HOUSTON, TX 77002-5220	
17 77002 3220	EL RENO OK 73036
Formation(s) (Permit Valid for Listed Formations Only):	
Name Code Depth	
1 MISSISSIPPIAN 359MSSP 8600	
Spacing Orders: 635714 Location Exception	on Orders: No Exceptions Increased Density Orders: No Density
Pending CD Numbers: 202101511 Working inter	rest owners' notified: *** Special Orders: No Special
202101469	
202101514	
202101517	
Total Depth: 18000 Ground Elevation: 1336 Surface Ca	asing: 500 Depth to base of Treatable Water-Bearing FM: 240
Total Depth: 18000 Ground Elevation: 1336 Surface Ca	Depth to base of Treatable Water-Bearing FM: 240 Deep surface casing has been approved
	Deep surface casing has been approved
Total Depth: 18000 Ground Elevation: 1336 Surface Ca Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No	Deep surface casing has been approved Approved Method for disposal of Drilling Fluids:
Under Federal Jurisdiction: No	Deep surface casing has been approved Approved Method for disposal of Drilling Fluids: D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38043
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No	Deep surface casing has been approved Approved Method for disposal of Drilling Fluids:
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No PIT 1 INFORMATION	Deep surface casing has been approved Approved Method for disposal of Drilling Fluids: D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38043
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Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED	Deep surface casing has been approved Approved Method for disposal of Drilling Fluids: D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38043 H. (Other) SEE MEMO Category of Pit: C Liner not required for Category: C Pit Location is: BED AQUIFER
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000	Deep surface casing has been approved Approved Method for disposal of Drilling Fluids: D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38043 H. (Other) SEE MEMO Category of Pit: C Liner not required for Category: C
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MULTI UNIT HOLE 1

Section: 22 Township: 12N Range: 6W Meridian: IM Total Length: 7500

County: CANADIAN Measured Total Depth: 18000

Spot Location of End Point: NE NW NW NE True Vertical Depth: 9500

Feet From: NORTH 1/4 Section Line: 65 End Point Location from
Feet From: EAST 1/4 Section Line: 2260 Lease,Unit, or Property Line: 65

NOTES:

Category	Description		
DEEP SURFACE CASING	[1/10/2022 - 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	[1/10/2022 - 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		
MEMO	[1/10/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT		
PENDING CD - 202101511	[1/10/2022 - G56] - (I.O.) 22 & 27-12N-6W EST MULTIUNIT HORIZONTAL WELL X635714 MSSP 22-12N-6W X202101469 MSSP 27-12N-6W 33% 27-12N-6W 67% 22-12N-6W NO OP NAMED REC 12/22/2021 (THOMAS)		
PENDING CD - 202101514	[1/10/2022 - G56] - (I.O.) 22 & 27-12N-6W X635714 MSSP 22-12N-6W X202101469 MSSP 27-12N-6W X165:10-3-28(C)(2)(B) MSSP (ROSEANNADANNA 27_22-12N-6W 1MHX) MAY BE CLOSER THAN 600' TO AIRPORT TRUST 1 & AIRPORT TRUST 4 WELLS COMPL INT (27-12N-6W) NCT 2640' FSL, NCT 0' FNL, NCT 660' FWL COMPL INT (22-12N-6W) NCT 0' FSL, NCT 165' FNL, NCT 1000' FEL NO OP NAMED REC 12/22/2021 (THOMAS)		
PENDING CD - 202101517	[1/10/2022 - G56] - 27-12N-6W X202101469 MSSP 2 WELLS NO OP NAMED REC 12/22/2021 (THOMAS)		
SPACING - 635714	[1/10/2022 - G56] - (640)(HOR) 22-12N-6W VAC 136603 MSSLM EST MSSP, OTHERS COMPL INT NLT 660' FB (COEXIST WITH SP # 127748 MSSP)		

WELL LOCATION **LEGEND** ROSEANNADANNA 27 22-12N-6W 1MHX PALOMA OPERATING COMPANY, INC. SECTION LINE QUARTER SECTION LINE 16TH LINE PROPOSED WELL BORE SECTION 28, TOWNSHIP 12N, RANGE 6W, I.M. CANADIAN COUNTY, OKLAHOMA X= 2050435 X= 2053102 X= 2055770 Y= 184913 Y= 184918 Y= 184915 16 21 22 22 23 1000' 2000 BOTTOM HOLE LAST TAKE POINT X= 2050434 X= 2055766 Y= 182274 Y= 182280 SW SE X= 2050433 X= 2055761 Y= 179635 X= 2053097 Y= 179641 Y= 179638 22 23 27 315' 27 26 SURFACE LOCATION 315' FNL & 259' FEL NW NF KICKOFF POINT X= 2050435 X= 2055758 Y= 177003 Y= 176998 SURFACE LOCATION 315' FNL & 259' FEL I AST TAKE POINT KICKOFF POINT **BOTTOM HOLE** NAD-27 165' FNL & 2282' FEL 2081' FNL & 1507' FWL 65' FNL & 2260' FEL X= 2050174 NAD-27 NAD-27 NAD-27 Y= 179326 LAT.: 35°29'33.1" N X= 2051942 Y= 177558 X= 2053488 X= 2053510 Y= 184750 Y= 184850 LONG: 97°49'53.3" W LAT .: 35°29'15.6" N LAT.: 35°30'26.7" N LAT.: 35°30'27.6" N LAT .: 35.492520° N LONG .: 97°49'31.9" W LONG .: 97°49'13.1" W LONG.: 97°49'12.8" W LONG : 97.831465° W LAT.: 35.507679° N LAT.: 35.487655° N LAT.: 35.507405° N ELEV .: 1336' NAD-83 LONG: 97 820226° W LONG · 97 825538° W LONG .: 97.820299° W LAT .: 35°29'33.3" N LONG : 97°49'54.4" W SSIONAL ELEV: 1336' THOMAS L **HOWELL** 1433 01-04-22 SURVEYOR'S CERTIFICATE: OKLAHOMA 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, P.L.S. No. 1433 Authorized Agent of Topographic Land Surveyors ROSEANNADANNA 27_22-12N-6W 1MHX LEASE NAME & WELL NO. TOPOGRAPHIC LOYALTY INNOVATION LEGACY SECTION 28 TWP 12N 6W _ MERIDIAN_ _ RGE_ 13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 CERTIFICATE OF AUTHORIZATION NO. 1292 LS WWW.TOPOGRAPHIC.COM CANADIAN STATE OKLAHOMA COUNTY 315' FNL & 259' FEL DESCRIPTION ORIGINAL DOCUMENT SIZE: 8.5" X 14" ORIGINAL DOCUMENT SIZE: 8.5" X 14" 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, NA DZ 74 HORIZONTAL AND THE ARTIONAL GEODETIC VERTICAL DATUM OF 1929. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT.COCATION, IN RELATION TO THE EVIDENCE FOUND DURING A RELD SURVEY MADE ON THE GROUND, UNDER MY SUPERMISHON, AND USING DOCUMENTATION PROVIDED BY PALOMA OPERATING COMPANY, INC., ONLY UTILITIES/ASSEMENTS THAT WERE MISHED ON THE DATE OF THIS SURVEY. WITHIN ADDIGNING THIS ASSEMENT/LOCATION, IN AVE BEED LOCATED AS SHOWN AREEDO FO WHICH IT HAVE KNOWLEDGE. THIS SURVEY. SHOWN AND EAST OF THIS TEAMSACTION OF PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS. REVISION: ROSEANNADANNA INT DATE 27_22-12N-6W 1MHX EAH 07/08/2021 06/24/2021 JS 01/04/2022 DATE FILE:LO_ROSEANNADANNA_22-12N-6W_1MHX_REV2 DRAWN BY: KEU

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

SHEET

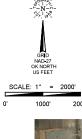
1 OF 2

WELL LOCATION

ROSEANNADANNA 27_22-12N-6W 1MHX PALOMA OPERATING COMPANY, INC. SECTION 28, TOWNSHIP 12N, RANGE 6W, I.M. CANADIAN COUNTY, OKLAHOMA



SECTION LINE QUARTER SECTION LINE 16TH LINE PROPOSED WELL BORE





SURFACE LOCATION

315' FNL & 259' FFL NAD-27 X= 2050174 Y= 179326 LAT : 35°29'33.1" N LONG : 97°49'53.3" W LAT : 35.492520° N LONG .: 97.831465° W ELEV .: 1336' NAD-83 LAT : 35°29'33.3" N LONG .: 97°49'54.4" W ELEV .: 1336'

KICKOFF POINT

2081' FNL & 1507' FWL NAD-27 X= 2051942 Y= 177558 LAT.: 35°29'15.6" N LONG: 97°49'31.9" W LAT.: 35.487655° N LONG : 97.825538° W

LAST TAKE POINT

165' FNL & 2282' FEL NAD-27 X= 2053488 Y= 184750 LAT.: 35°30'26.7" N LONG : 97°49'13.1" W LAT.: 35.507405° N LONG .: 97.820299° W

BOTTOM HOLE

65' FNL & 2260' FEL NAD-27 X= 2053510 Y= 184850 LAT.: 35°30'27.6" N LONG: 97°49'12.8" W LAT.: 35.507679° N LONG .: 97.820226° 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, P.L.S. No. 1433

Authorized Agent of Topographic Land Surveyors ROSEANNADANNA 27_22-12N-6W 1MHX LEASE NAME & WELL NO.

SECTION 28 TWP 12N RGE_ 6W _ MERIDIAN___I.M. CANADIAN OKLAHOMA COUNTY. STATE 315' FNL & 259' FEL DESCRIPTION

TOPOGRAPHIC LOYALTY INNOVATION LEGACY 3800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 CERTIFICATE OF AUTHORIZATION NO. 1292 LS WWW.TOPOGRAPHIC.COM

	REVISION:		1
ROSEANNADANNA	INT	DATE	
27_22-12N-6W 1MHX	EAH	07/08/2021	3
DATE: 06/24/2021	JS	01/04/2022	l
FILE 1.0 ROSEANNADANNA 22-12N-6W 1MHX REV2			
DRAWN BY: KEU			ٔ پا
SHEET: 2 OF 2			Ĺ

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"

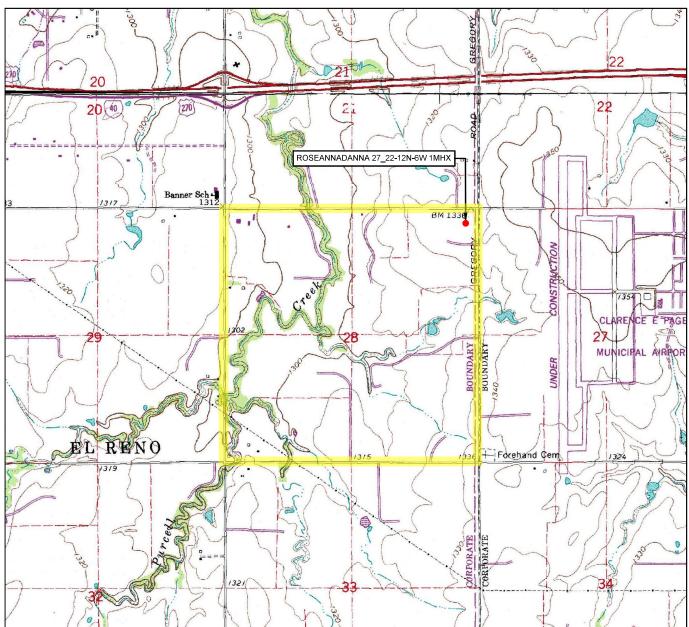
2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES, OPUS RESULTS ARE CORRELATED TO OKLAHOMA, NORTH ZONE, NAD 27 + ORDEONTAL AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1928.

3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT. COLATION, IN RELATION TO THE EVIDENCE FOUND DURRING 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, WITHINADIONING THIS EASEMENT/TOTAL 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

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.

ROSEANNADANNA 27_22-12N-6W 1MHX

 SECTION
 28
 TWP
 12N
 RGE
 6W
 MERIDIAN
 I.M.

 COUNTY
 CANADIAN
 STATE
 OKLAHOMA

 DESCRIPTION
 315' FNL & 259' FEL

 ELEVATION
 1336'

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.

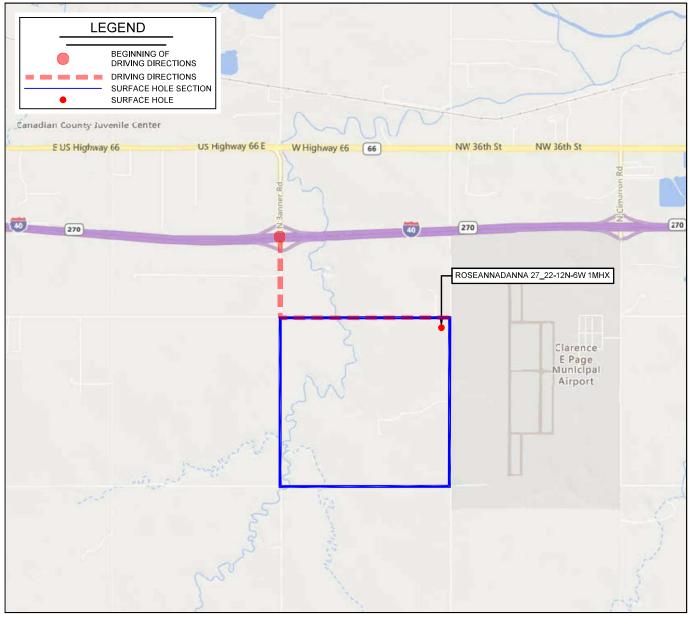
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.





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. ROSEANNADANNA 27_22-12N-6W 1MHX

SECTION 28 TWP 12N RGE 6W MERIDIAN I.M.

COUNTY CANADIAN STATE OKLAHOMA

DESCRIPTION 315' FNL & 259' FEL

DISTANCE & DIRECTION

FROM THE JUNCTION OF I-40/US-270 & N. BANNER RD. GO ±0.5 MI. SOUTH ON N. BANNER RD., THEN ±1.0 MI. EAST ON NW 23RD ST. TO THE NORTHEAST CORNER OF SECTION 28-T12N-R6W.

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





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