API NUMBER: 017 25760 A

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

Amend reason: UPDATE SHL & SURFACE CASING DEPTH

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 28 Township: 12N Range: 6W County:	CANADIAN
SPOT LOCATION: SE NE NE NE FEET FROM QUARTER: FROM NORTH	FROM EAST
SECTION LINES: 346	285
Lease Name: ROSEANNADANNA 27_22-12N-6W Well No: 1MHX	Well will be 285 feet from nearest unit or lease boundary.
Operator Name: PALOMA OPERATING CO INC Telephone: 7136548	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	EL RENO OK 73036
Formation(s) (Permit Valid for Listed Formations Only):	
Name Code Depth]
1 MISSISSIPPIAN 359MSSP 8600	
Spacing Orders: 635714 Location Exception Order	rs: 723717 Increased Density Orders: 723625
723908	
723403	
Pending CD Numbers: No Pending Working interest owner	ers' notified: *** Special Orders: No Special
Total Depth: 18000 Ground Elevation: 1336 Surface Casing:	1000 Depth to base of Treatable Water-Bearing FM: 240
	Deep surface casing has been approved
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No	Approved Method for disposal of Drilling Fluids:
Surface Water used to Drill: No	D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38043
	H. (Other) SEE MEMO
PIT 1 INFORMATION	Category of Pit: C
Type of Pit System: CLOSED Closed System Means Steel Pits	Liner not required for Category: C
Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000	Pit Location is: BED AQUIFER Pit Location Formation: DUNCAN
Is depth to top of ground water greater than 10ft below base of pit? Y	Fit Education Formation. DonoAn
Within 1 mile of municipal water well? N	
Wellhead Protection Area? N	
Pit <u>is</u> located in a Hydrologically Sensitive Area.	
PIT 2 INFORMATION	Category of Pit: C
Type of Pit System: CLOSED Closed System Means Steel Pits	Liner not required for Category: C
Type of Mud System: OIL BASED	Pit Location is: BED AQUIFER
Chlorides Max: 300000 Average: 200000	Pit Location Formation: DUNCAN
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 <u>is</u> located in a Hydrologically Sensitive Area.	

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:

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
INCREASED DENSITY - 723625	[6/20/2022 - G56] - 27-12N-6W X723403 MSSP 2 WELLS PALOMA OP CO, INC 2/18/2022
LOCATION EXCEPTION - 723717	[6/20/2022 - G56] - (I.O.) 22 & 27-12N-6W X635714 MSSP 22-12N-6W X723403 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 PALOMA OP CO, INC 2/23/2022
МЕМО	[1/10/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
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)
SPACING - 723403	[6/20/2022 - G56] - (640)(HOR) 27-12N-6W EST MSSP POE TO BHL NCT 660' FB (COEXIST WITH SP # 137051 MSSLM)
SPACING - 723908	[6/20/2022 - G56] - (I.O.) 22 & 27-12N-6W EST MULTIUNIT HORIZONTAL WELL X635714 MSSP 22-12N-6W X723403 MSSP 27-12N-6W 33% 27-12N-6W 67% 22-12N-6W PALOMA OP, INC 3/3/2022

WELL LOCATION **LEGEND** ROSEANNADANNA 27_22-12N-6W 1MHX TRAVIS PEAK RESOURCES, LLC. 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 285 22 23 27 346' < 27 26 SURFACE LOCATION NW X= 2050435 X= 2055758 Y= 177003 Y= 176998 KICKOFF POINT SURFACE LOCATION 346' FNL & 285' FEL KICKOFF POINT LAST TAKE POINT **BOTTOM HOLE** NAD-27 165' FNL & 2282' FEL 2081' FNL & 1507' FWL 65' FNL & 2260' FEL X= 2050148 NAD-27 NAD-27 NAD-27 Y= 179295 LAT.: 35°29'32.8" N X= 2053510 X= 2051942 Y= 177558 X= 2053488 Y= 184750 Y= 184850 LONG : 97°49'53.6" W LAT .: 35°29'15.6" N LAT.: 35°30'26.7" N LAT.: 35°30'27.6" N LAT .: 35.492435° N LONG .: 97°49'31.9" W LONG .: 97°49'13.1" W LONG.: 97°49'12.8" W LONG : 97.831552° 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°29'33.0" N LONG : 97°49'54.8" W SSIONAL ELEV: 1336' THOMAS L HOWELL 1433 SURVEYOR'S CERTIFICATE: I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC, CO., DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN. OFLAHOMA Thomas L. Howell, P.L.S. No. 1433 Authorized Agent of Topographic, Co. TOPOGRAPHIC ROSEANNADANNA 27_22-12N-6W 1MHX LEASE NAME & WELL NO. SECTION 28 TWP 12N 6W _ MERIDIAN_ DO WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX: (405) 843-0975 CERTIFICATE OF AUTHORIZATION NO. 1292 LS WWW.TOPOGRAPHIC.COM _ RGE_ CANADIAN STATE OKLAHOMA COUNTY 346' FNL & 285' 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, NAD 27-HORIZONTAL AND THE ANTIONAL GEODETIC VERTICAL DATUM OF 1929. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENTIACOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A RELO SURVEY, MADE ON THE GROUND, UNDER WY SUPERMISHON, AND USING DOCUMENTATION PROVIDED BY TRAVBS PEAK RESOURCES, LLC., ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN ADDINING THIS EASEMENT/LOCATION, AND ESTED WHO HEREON OF WHICH IN ANY ENOUGH END CONTROL OF WHICH IN ANY ENOUGH END AND SHOWN HEREON OF WHICH IN ANY ENOUGH END AND SHOWN HEREON OF WHICH IN ANY ENOUGH END SHOWN HEREON OF WHICH IN ANY END SHOWN HERE VISIBLE ON THIS TRANSACTION ERRONS OR ENTITIES SHOWN ON THE FACE OF THIS TRANSACTION END SHOWN HOLD IN ANY ENTITIES OF THIS TRANSACTION END SHOWN HERE ON THE SHOWN HOLD IN ANY END SHOWN HERE ON THE SHOWN HERE ON THE SHOWN HERE ON SHOWN HOLD IN ANY END SHOWN HERE ON SHOWN HERE ON SHOWN HERE ON SHOWN HERE ON SHOWN HOLD IN ANY END SHOWN HERE ON SHOWN HERE IN SECRETARIES. REVISION: ROSEANNADANNA INT DATE 27_22-12N-6W 1MHX EAH 07/08/2021 06/24/2021 06/16/2022 DATE KEU FILE:LO_ROSEANNADANNA_22-12N-6W_1MHX_REV3 JS 06/20/2022

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

DRAWN BY:

SHEET

KEU

1 OF 2

WELL LOCATION

ROSEANNADANNA 27_22-12N-6W 1MHX TRAVIS PEAK RESOURCES, LLC. SECTION 28, TOWNSHIP 12N, RANGE 6W, I.M. CANADIAN COUNTY, OKLAHOMA

LEGEND

SECTION LINE QUARTER SECTION LINE 16TH LINE PROPOSED WELL BORE



1000'

2000 101 31 34 9

SURFACE LOCATION

346' FNL & 285' FFL NAD-27 X= 2050148 Y= 179295 LAT : 35°29'32.8" N LONG : 97°49'53.6" W LAT : 35.492435° N LONG.: 97.831552° W ELEV .: 1336' NAD-83 LAT : 35°29'33.0" N LONG .: 97°49'54.8" W ELEV .: 1336'

KICKOFF POINT

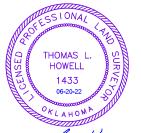
2081' FNL & 1507' FWL NAD-27 X= 2051942 Y= 177558 LAT.: 35°29'15.6" N LONG: 97°49'31.9" W LAT.: 35.487655° N LONG : 97.825538° W

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, CO., DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.

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

ROSEANNADANNA 27_22-12N-6W 1MHX LEASE NAME & WELL NO.

SECTION 28 TWP 12N RGE_ 6W _ MERIDIAN_ CANADIAN OKLAHOMA COUNTY STATE 346' FNL & 285' FEL DESCRIPTION

TOPOGRAPHIC 000 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX: (405) 843-0975 CERTIFICATE OF AUTHORIZATION NO. 1292 LS WWW.TOPOGRAPHIC.COM

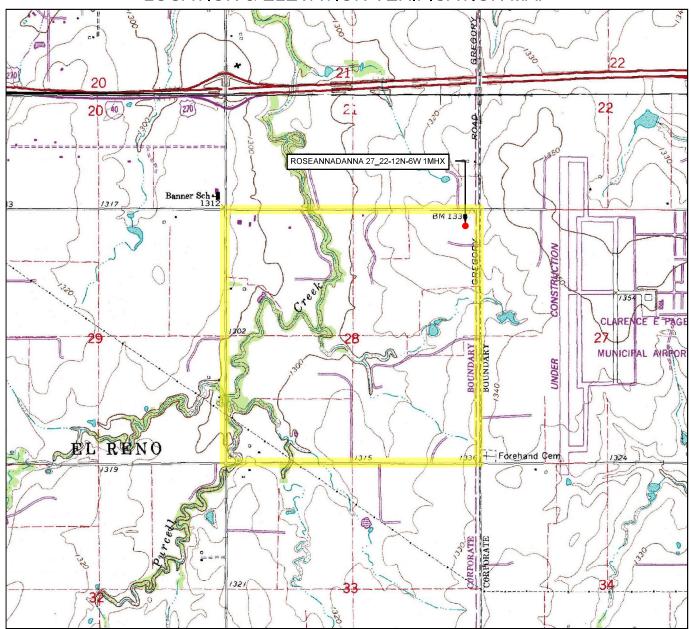
ROSEANNADANNA 27_22-12N-6W 1MHX	REVISION:		Γ
	INT	DATE	l
	EAH	07/08/2021	l
DATE: 06/24/2021	KEU	06/16/2022	
FILE:LO_ROSEANNADANNA_22-12N-6W_1MHX_REV3	JS	06/20/2022	ı
DRAWN BY: KEU			l
SHEET: 2 OF 2			ı

NOTES:

- OTES:
 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, NAD 27 HONREONTAL AND THE RATIONAL GEODETIC VERTICAL DATUM OF 1929.
 CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENTLOCATION, IN RELATION TO THE EVIDENCE FOUND
 DURING A RELED SURVEY, MADE ON THE GROUND, UNDER MY SUPERMISHON, AND USING DOCUMENTATION PROVIDED BY
 TRAVIS PEAK RESOURCES, LLC, ONLY UTILITIES SERSEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY,
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 HER INFORMATION HOUSE, 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
 346' FNL & 285' 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 TRAVIS PEAK RESOURCES, LLC.. 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.

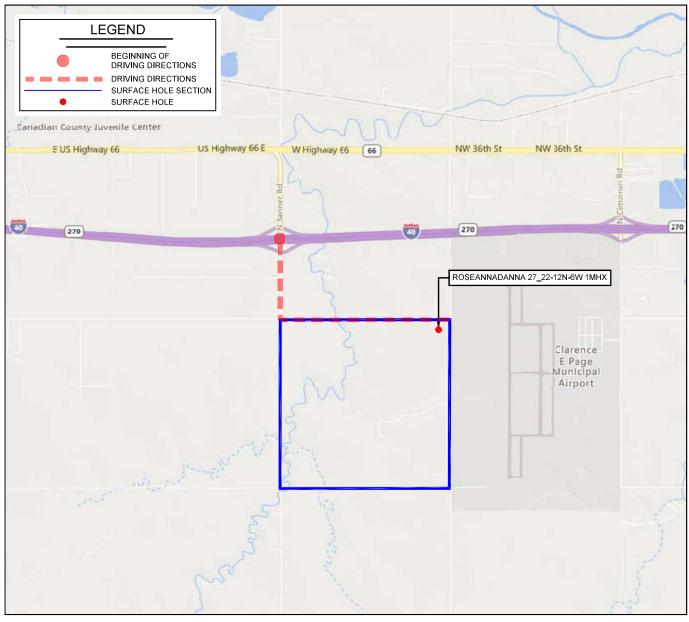
ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.





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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
 346' FNL & 285' FEL

DISTANCE & DIRECTION

FROM THE JUNCTION OF I-40/US-270 & N. BANNER RD. GO \pm 0.5 MI. SOUTH ON N. BANNER RD., THEN \pm 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 TRAVIS PEAK RESOURCES, LLC.. 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.

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