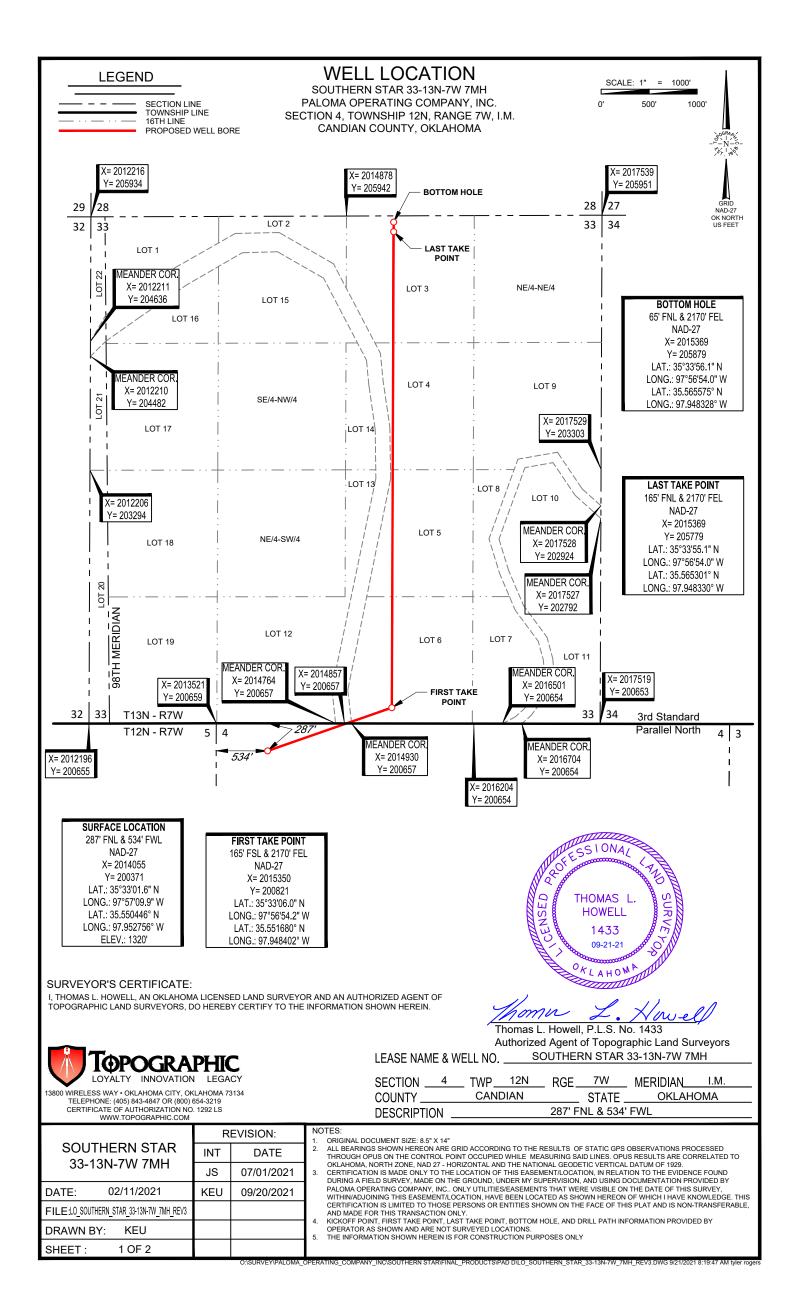
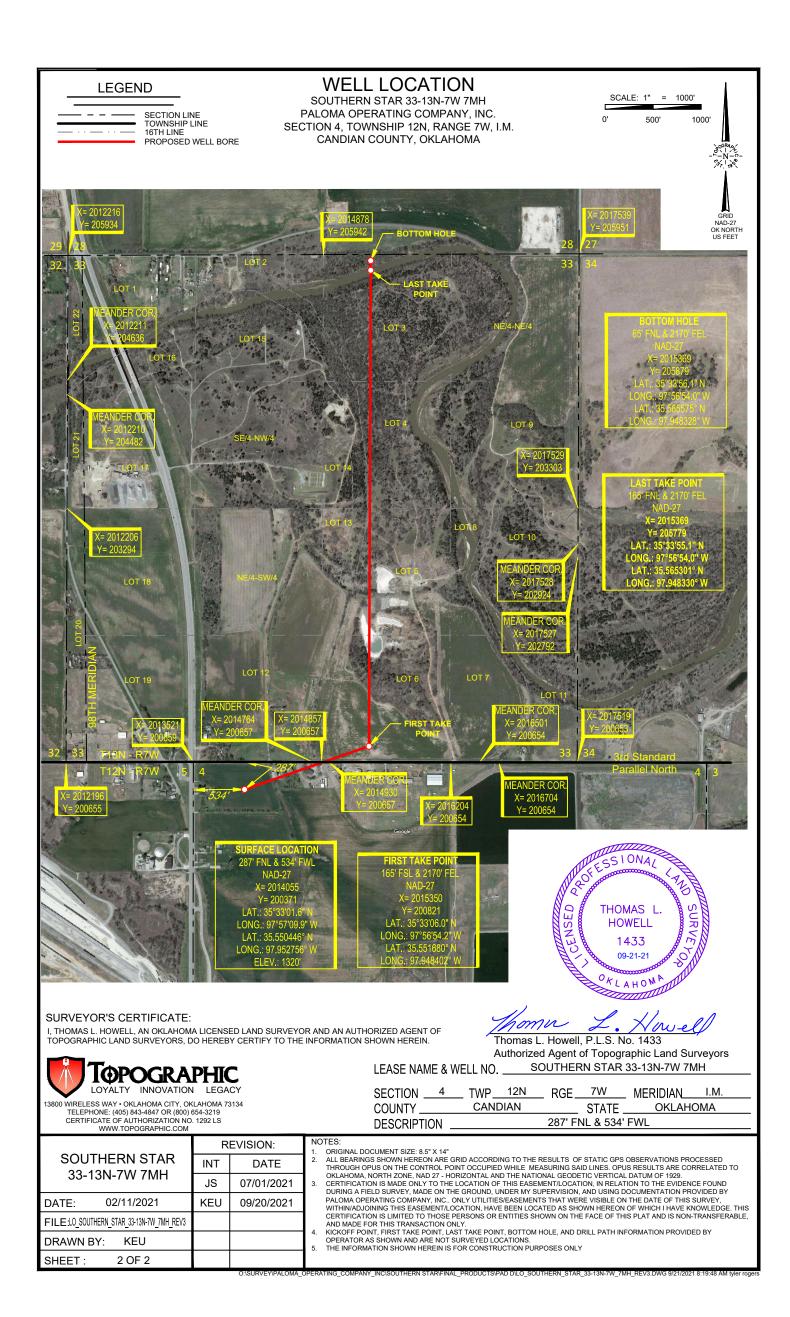
API NUMBER: 017 25688 B	OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000		Approval Date: 06/16/2021 Expiration Date: 12/16/2022		
orizontal Hole Oil & Gas	(Rule 16	35:10-3-1)			
mend reason: CHANGE BHL	AMEND PER	MIT TO DRILL			
WELL LOCATION: Section: 04 Township: 12N	Range: 7W County: C	ANADIAN			
SPOT LOCATION: NE NW NW FEET FROM (QUARTER: FROM NORTH	FROM WEST			
SECTI	ON LINES: 287	534			
Lease Name: SOUTHERN STAR 33-13N-7W	Well No: 7MH	Well w	vill be 287 feet from nearest unit or lease boundary.		
Operator Name: PALOMA OPERATING CO INC	Telephone: 713650850	09	OTC/OCC Number: 23932 0		
PALOMA OPERATING CO INC		MACK CLAYTON/MCVE	EDA. LLC		
1100 LOUISANA ST STE 5100		1333 SOUTH NELMS D			
	200				
HOUSTON, TX 77002-52	.20	MUSTANG	OK 73064		
	I				
Formation(s) (Permit Valid for Listed Formations On	nly):				
Name Code	Depth				
1 MISSISSIPPIAN 359MSSP	8900				
Spacing Orders: 141058	Location Exception Orders:	718457	Increased Density Orders: 705964 715265		
			Special Orders: No Special		
Pending CD Numbers: No Pending	Working interest owners	s' notified: ***			
Total Depth: 17000 Ground Elevation: 1320	Surface Casing:	550	Depth to base of Treatable Water-Bearing FM: 300		
Under Federal Jurisdiction: No		Approved Method for disposal	of Drilling Fluids:		
Fresh Water Supply Well Drilled: No		D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-37651			
Surface Water used to Drill: No		H. (Other)	SEE MEMO		
PIT 1 INFORMATION		Category of Pit: 0			
Type of Pit System: CLOSED Closed System Means Stee	I Pits	Liner not required for Category			
Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000		Pit Location is: A Pit Location Formation: A			
Is depth to top of ground water greater than 10ft below base of	nit? Y				
Within 1 mile of municipal water well? Y					
Wellhead Protection Area? Y					
Pit <u>is</u> located in a Hydrologically Sensitive Area.					
PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Stee	al Pite	Category of Pit: 0			
Type of Mud System: OIL BASED		Pit Location is: A			
Chlorides Max: 300000 Average: 200000		Pit Location Formation: A			
Is depth to top of ground water greater than 10ft below base of	pit? Y				
Within 1 mile of municipal water well? Y					
Wellhead Protection Area? Y					
Pit <u>is</u> located in a Hydrologically Sensitive Area.					

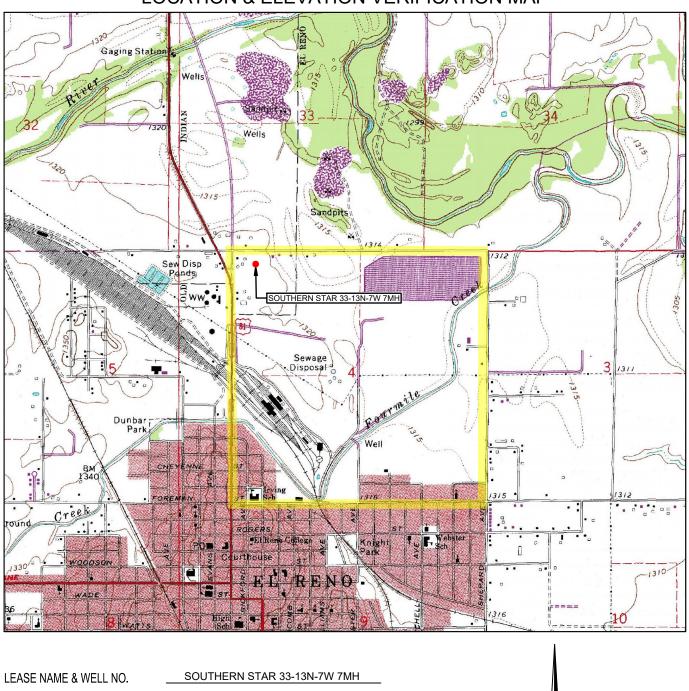
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1				
Section: 33 Township: 13	3N Range: 7W	Meridian: I	M Total Length:	5200
County: C	ANADIAN		Measured Total Depth:	17000
Spot Location of End Point: N	E NW NW	NE	True Vertical Depth:	9500
Feet From: N	ORTH 1/4 Sec	tion Line: 65	End Point Location from	
Feet From: E	AST 1/4 Sec	tion Line: 2170	Lease, Unit, or Property Line:	65

NOTES:	
Category	Description
HYDRAULIC FRACTURING	[6/14/2021 - 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: 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 - 705964	[6/16/2021 - GC2] - 33-13N-7W X141058 MSSP 5 WELLS PALOMA OPERATING CO, INC 12-5-2019
INCREASED DENSITY - 715265	[6/16/2021 - GC2] - EXT OF TIME FOR ORDER 705964 UNTIL 12-5-2021
LOCATION EXCEPTION - 718457	[6/16/2021 - GC2] - (I.O.) 33-13N-7W X141058 MSSP X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO LOTTIE JONES 33-4 COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 450' FEL PALOMA OPERATING COMPANY 5-20-2021
МЕМО	[6/14/2021 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PUBLIC WATER SUPPLY	[6/14/2021 - GC2] - EL RENO - 19 WELLS W/2 33-13N-7W
SPACING - 141058	[6/16/2021 - GC2] - (640) 33-13N-7W EXT OTHERS EXT 124533 MSSP
SURFACE CASING	[6/14/2021 - GC2] - NO DEEP SURFACE CASING DUE TO BEING INSIDE PUBLIC WATER SUPPLY BOUNDARY







LOCATION & ELEVATION VERIFICATION MAP

SECTION4	TWP12	N RGE.	7W	_ MERIDIAN	I.M.	_
COUNTY	CANDIA	N	_ STATE _	OKLAHO	OMA	_
DESCRIPTION		287' F	NL & 534	FWL		_
ELEVATION	1320'					

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.

