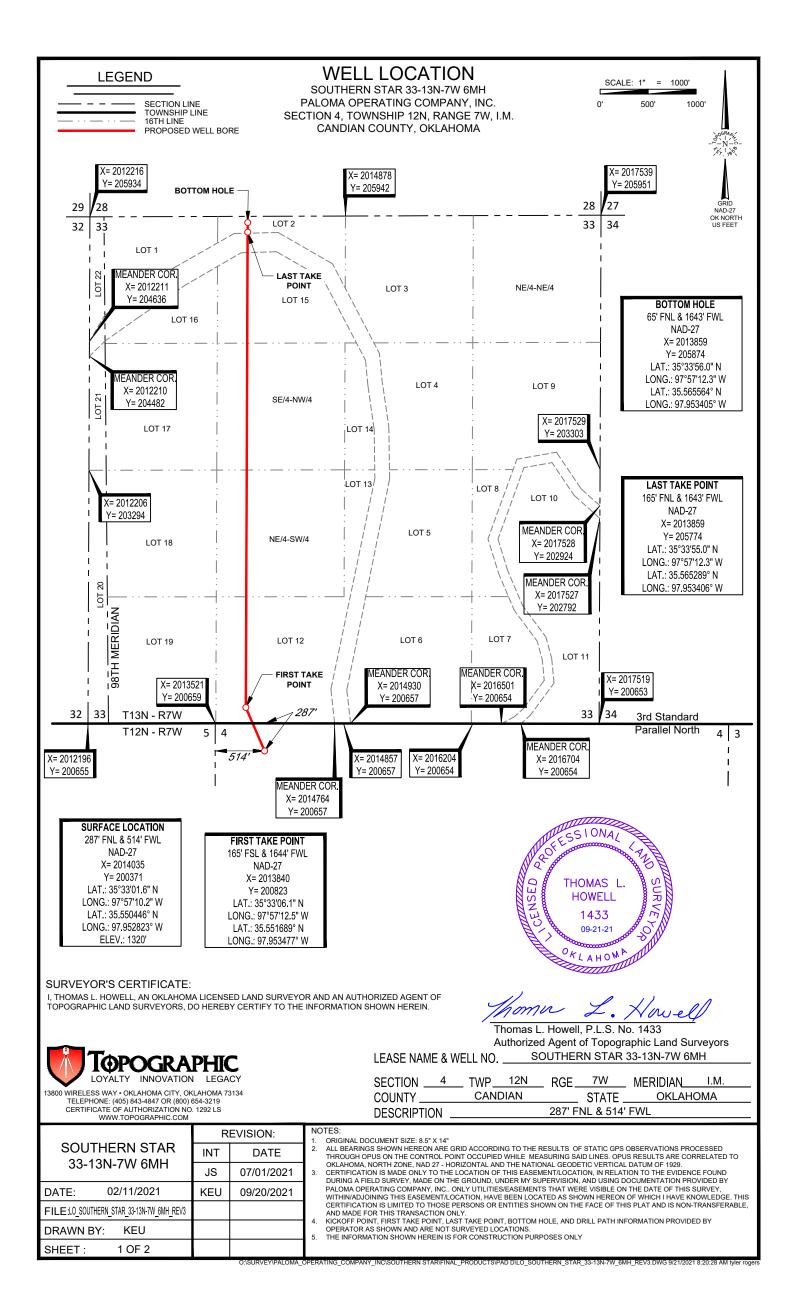
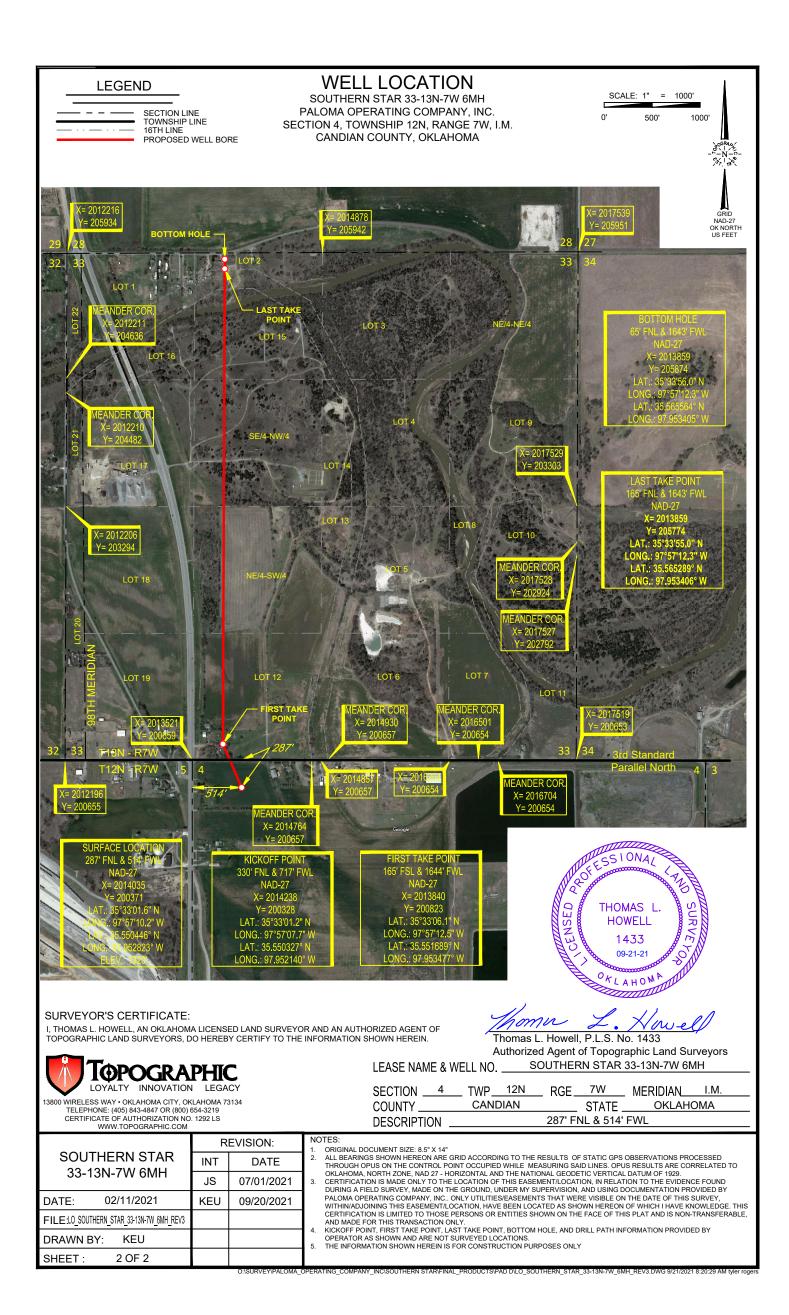
API NUMBER: 017 25687 A	OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000 (Rule 165:10-3-1)		Approval Date:06/16/2021Expiration Date:12/16/2022		
orizontal Hole Oil & Gas					
mend reason: CHANGE BHL	AMEND PER	MIT TO DRILL			
WELL LOCATION: Section: 04 Township: 12N	Range: 7W County: C	CANADIAN			
SPOT LOCATION: NE NW NW NW FEET FROM	QUARTER: FROM NORTH	FROM WEST			
SECTI	ON LINES: 287	514			
Lease Name: SOUTHERN STAR 33-13N-7W	Well No: 6MH	Well w	vill be 287 feet from nearest unit or lease boundary.		
Operator Name: PALOMA OPERATING CO INC	Telephone: 71365085	09	OTC/OCC Number: 23932 0		
PALOMA OPERATING CO INC		MACK CLAYTON/MCVE	DA. LLC		
1100 LOUISANA ST STE 5100		1333 SOUTH NELMS D			
	200				
HOUSTON, TX 77002-52	20	MUSTANG	OK 73064		
Formation(s) (Permit Valid for Listed Formations O	nly):				
Name Code	Depth				
1 MISSISSIPPIAN 359MSSP	8900				
Spacing Orders: 141058	Location Exception Orders	. 718456	Increased Density Orders: 705964		
	Location Exception Orders	. 710430	715265		
Pending CD Numbers: No Pending	Working interest owner	rs' notified: ***	Special Orders: No Special		
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: 21-37650			
Surface Water used to Drill: No		H. (Other)	SEE MEMO		
PIT 1 INFORMATION	l Dite	Category of Pit: C			
Type of Pit System: CLOSED Closed System Means Stee Type of Mud System: WATER BASED	TPIIS	Liner not required for Category Pit Location is: A			
Chlorides Max: 5000 Average: 3000		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.					
PIT 2 INFORMATION		Category of Pit: 0			
Type of Pit System: CLOSED Closed System Means Stee	l Pits	Liner not required for Category			
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.					

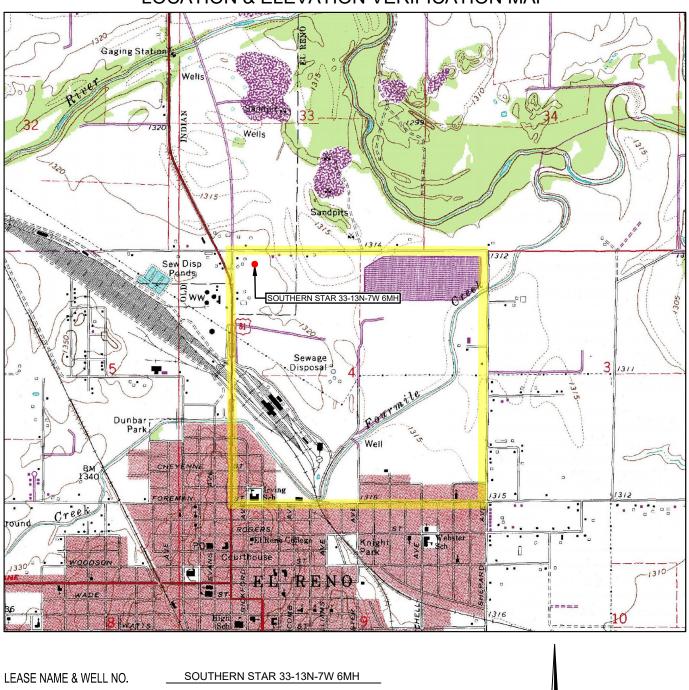
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation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

HORIZONTAL HOLE 1					
Section: 33 Township:	13N Ran	ge: 7W	Meridian: IN	M Total Length:	5200
County:	CANADIAN			Measured Total Depth:	17000
Spot Location of End Point:	NW NW	NE N	W	True Vertical Depth:	9500
Feet From:	NORTH	H 1/4 Section Line: 65		End Point Location from	
Feet From:	WEST	1/4 Section	Line: 1643	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	[6/15/2021 - GC2] - 33-13N-7W X141058 MSSP 5 WELLS PALOMA OPERATING CO, INC 12-5-2019
INCREASED DENSITY - 715265	[6/15/2021 - GC2] - EXT OF TIME FOR ORDER 705964 UNTIL 12-5-2021
LOCATION EXCEPTION - 718456	[6/15/2021 - 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' FWL 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	[6/15/2021 - 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



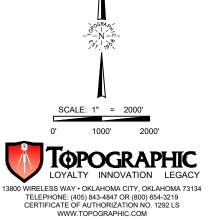




SECTION4	TWP	12N	RGE_	7W	MERIDIAN	I.M.
COUNTY	C	ANDIAN		STATE	OKLAH	OMA
DESCRIPTION			287' FI	NL & 514	4' FWL	
ELEVATION _	1320'					

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.



O:\SURVEYIPALOMA_OPERATING_COMPANY_INC\SOUTHERN STAR\FINAL_PRODUCTS\PAD D\LO_SOUTHERN_STAR_33-13N-7W_6MH_REV3.DWG 9/20/2021 1:29:42 PM kundenwood

