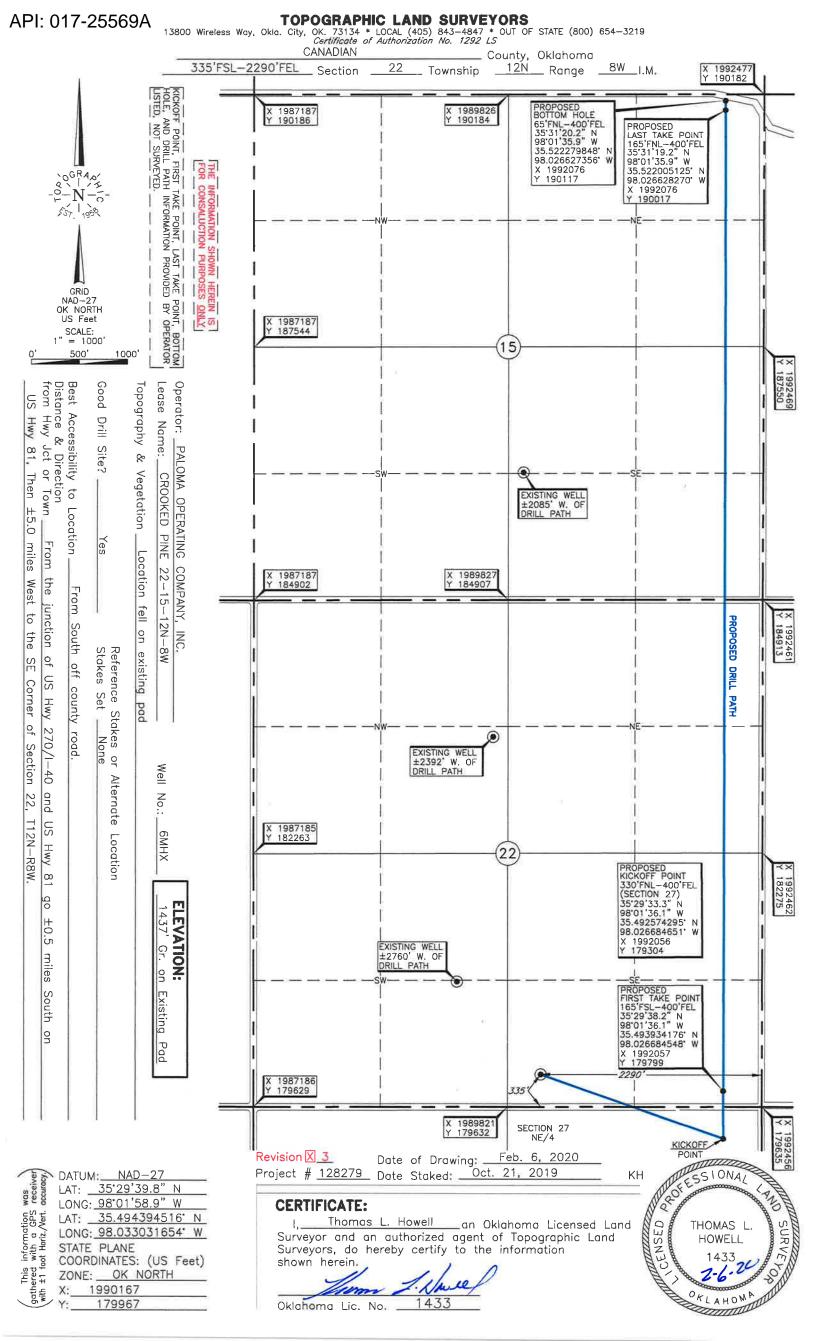
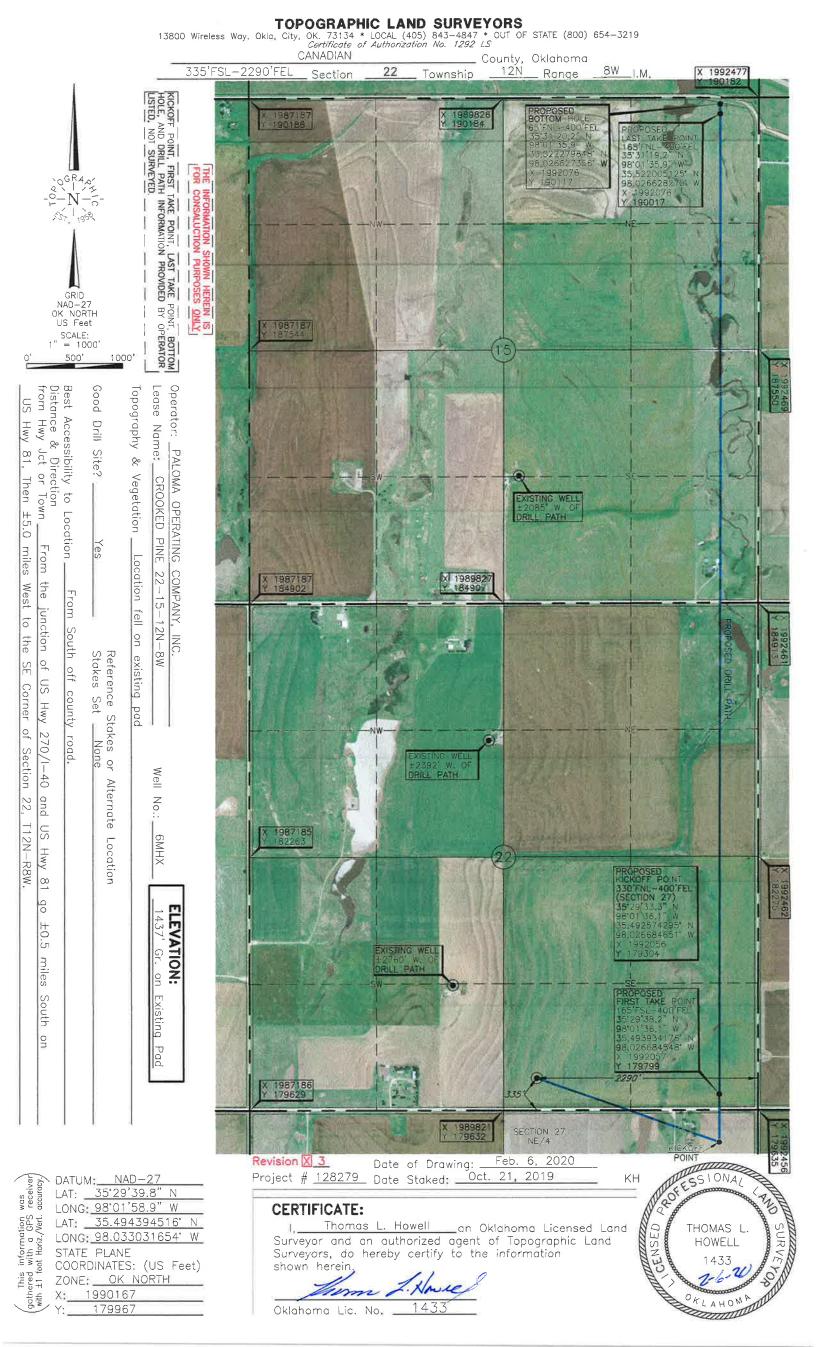
API NUMBER: 017 25569 A Aulti Unit Oil & Gas	OIL & GAS CONSE P.O. BO OKLAHOMA CIT (Rule 16	RATION COMMISSION RVATION DIVISION 0X 52000 Y, OK 73152-2000 55:10-3-1)	Approval Date: 12/04/2019 Expiration Date: 06/04/2021
Inelia reason. OF DATE SHE AND ONDERS	AMEND PERI	MIT TO DRILL	
WELL LOCATION: Section: 22 Township: 12N	Range: 8W County: CA	ANADIAN	
SPOT LOCATION: NE SW SW SE FEET FF	ROM QUARTER: FROM SOUTH	FROM EAST	
s	SECTION LINES: 335	2290	
Lease Name: CROOKED PINE 22 15-12N-8W	Well No: 6MHX	Well w	vill be 335 feet from nearest unit or lease boundary.
Lease Name: CROOKED PINE 22_15-12N-8W	Well NO. OWINA	Wen w	vill be 335 feet from nearest unit or lease boundary.
Operator Name: PALOMA OPERATING CO INC	Telephone: 713650850		OTC/OCC Number: 23932 0
PALOMA OPERATING CO INC			
1100 LOUISIANA ST STE 5100		PATRICIA HARTWIG	
	5220	3305 WINDSOR BOULE	
HOUSTON, TX 77002	-5220		
		OKLAHOMA CITY	OK 73122
Formation(s) (Permit Valid for Listed Formations	Only):		
Name Code	Depth		
1 MISSISSIPPI 351MISS	10553		
2 MISSISSIPPIAN 359MSSP	10670		
Spacing Orders: 143998	Location Exception Orders:	705403	Increased Density Orders: 704470
688916			706279
704469			
Pending CD Numbers: No Pending			Special Orders: No Special Orders
Total Depth: 20959 Ground Elevation: 1437	Surface Casing:	1500	Depth to base of Treatable Water-Bearing FM: 340
	Surface Casing.		
			Deep surface casing has been approved
Under Federal Jurisdiction: No		Approved Method for disposal	of Drilling Fluids:
Fresh Water Supply Well Drilled: No		D. One time land application (R	EQUIRES PERMIT) PERMIT NO: 19-37075
Surface Water used to Drill: No		F. Haul to Commercial soil farming	g facility: Sec. 27 Twn. 17N Rng. 9W Cnty. 73 Order No: 659856
		Cotomore of Dite	2
PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Means	Steel Pits	Category of Pit: 0	
Type of Mud System: WATER BASED		Pit Location is:	
Chlorides Max: 5000 Average: 3000		Pit Location Formation:	
Is depth to top of ground water greater than 10ft below base	e of pit? Y		
Within 1 mile of municipal water well? N			
Wellhead Protection Area? N			
Pit <u>is not</u> located in a Hydrologically Sensitive Area.			
PIT 2 INFORMATION	Steel Bits	Category of Pit: 0	
Type of Pit System: CLOSED Closed System Means	SIEEI FIIS	Liner not required for Category	
Type of Mud System: OIL BASED Chlorides Max: 300000 Average: 200000		Pit Location is: N Pit Location Formation: D	
Is depth to top of ground water greater than 10ft below base	e of nit? Y		Soo oneln
	orpit: I		
Within 1 mile of municipal water well? N Wellhead Protection Area? N			
Pit <u>is not</u> located in a Hydrologically Sensitive Area.			

MULTI UNIT HOLE 1				
Section: 15	Township: 12N	Range: 8W	Total Length:	10000
Co	ounty: CANADIAN		Measured Total Depth:	20959
Spot Location of End	Point: NW NE	NE NE	True Vertical Depth:	10670
Feet F	rom: NORTH	1/4 Section Line: 65	End Point Location from	
Feet	From: EAST	1/4 Section Line: 400	Lease, Unit, or Property Line:	65
	Section: 15 Co Spot Location of End Feet F	Section: 15 Township: 12N County: CANADIAN	Section: 15 Township: 12N Range: 8W County: CANADIAN Spot Location of End Point: NW NE NE NE Feet From: NORTH 1/4 Section Line: 65	Section: 15 Township: 12N Range: 8W Total Length: County: CANADIAN Measured Total Depth: Spot Location of End Point: NW NE NE Feet From: NORTH 1/4 Section Line: 65 End Point Location from

NOTES:	
Category	Description
DEEP SURFACE CASING	11/12/2019 - G71 - 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	11/12/2019 - G71 - OCC 165:10-3-10 REQUIRES:
	1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;
	2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG
INCREASED DENSITY - 704470 (201904574)	12/3/2019 - GC2 - 15-12N-8W X143998 MISS 4 WELLS PALOMA PARTNERS IV, LLC 10-30-2019
INCREASED DENSITY - 706279 (201904575)	2/26/2020 - GC2 - 22-12N-8W X688916 MSSP 4 WELLS NO OP. NAMED 12-12-2019
LOCATION EXCEPTION - 705403 (201904573)	12/3/2019 - GC2 - (I.O.) 15 & 22-12N-8W X143998 MISS 15-12N-8W X688916 MSSP 22-12N-8W COMPL. INT. (22-12N-8W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (15-12N-8W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL PALOMA PARTNERS IV, LLC 11-20-2019
MEMO	11/12/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 143998	12/3/2019 - GC2 - (640) 15-12N-8W EXT 122864/137298 MISS EXT OTHER
SPACING - 688916	12/3/2019 - GC2 - (640)(HOR) 22-12N-8W EST MSSP, OTHER COMPL. INT. (MSSP) NCT 660' FB
SPACING - 704469 (201904569)	12/3/2019 - GC2 - (I.O.) 15 & 22-12N-8W EST MULTIUNIT HORIZONTAL WELL X143998 MISS 15-12N-8W X688916 MSSP 22-12N-8W 50% 15-12N-8W 50% 22-12N-8W PALOMA PARTNERS IV, LLC 10-30-2019

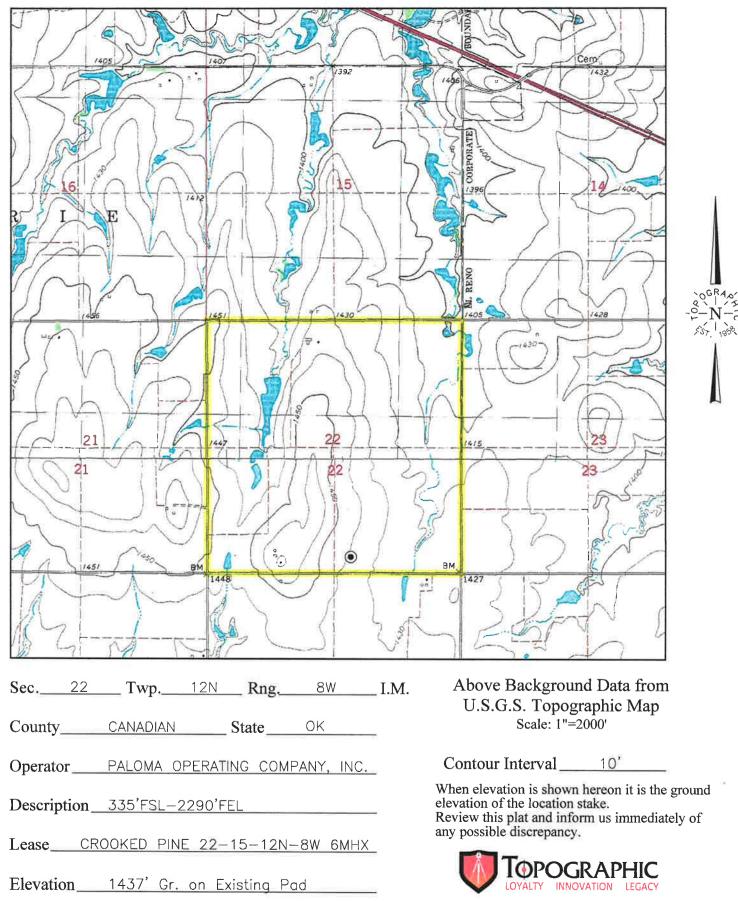




TOPOGRAPHIC LAND SURVEYORS Surveying and Mapping for the Energy Industry 13800 Wireless Way, Oklahoma City, OK 73134 www.topographic.com

13800 Wireless Way, Oklahoma City, OK 73134 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

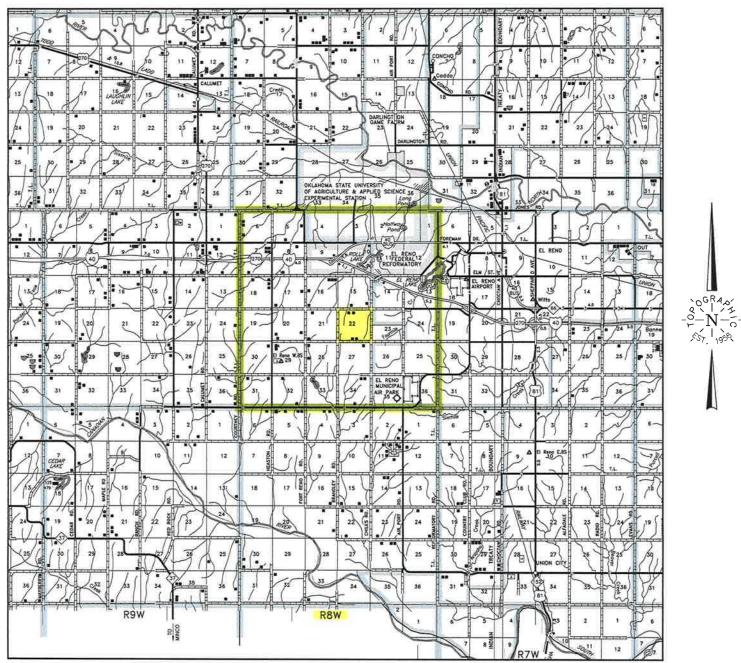
LOCATION & ELEVATION VERIFICATION MAP



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VICINITY MAP



Scale: 1'' = 3 Miles

Sec. <u>22</u> Twp. <u>12N</u> Rng. <u>8W</u> I.M.

County____CANADIAN____State___OK

Operator PALOMA OPERATING COMPANY, INC.



