

COMBUSTOR DATA SHEET



audubon			C	OMBOSTOR	DATA SHEET			Σ	TO
audubun			Do	ocument No: 019141	001-AE-DS-ME0018			EN	ERGY
CUSTOMER:	XTO ENEF			PRO	JECT NO.: 01914100	1	ITEM #:		
PLANT NAME:	HUSKY C				DATE: 11-Dec-20	018	REVISION:		
PLANT LOCATION:		JNTY, NEW MEXICO			PARED BY: TJ/WP		CASE:		
ERVICE:		OR PACKAGE		CHE	ECKED BY: AP/VY		QTY.:		
MANUFACTURED BY:	TBD			PROCES	PAGE:	1	OF	1	
1 0405.	1	TANK OUTDDEATUN	c	PROCES	T		I		
2 CASE:		TANK OUTBREATHIN	G	(MOLE9/)	(MOLE9/)		(MOLE9/)		
3 COMPOS	TION	(MOLE%)		(MOLE%)	(MOLE%)		(MOLE%)		
5 H2O	TION	0.004%							
6 NITROGEN		1.737%							
7 CO2		0.175%							
8 H2S		0.000%							
9 METHANE		73.330%							
10 ETHANE		14.784%							
11 PROPANE		7.246%							
2 i-BUTANE		0.738%							
3 n-BUTANE		1.554%							
4 i-PENTANE		0.202%							
5 n-PENTANE		0.165%							
6 n-HEXANE		0.009%							
7 C7+		0.058%				-			
8									
9 TOTAL:		100%							
0 FLOW CAPACITY	' :	45,682 SCFH							
.1	2		1	INLET CON	IDITIONS		1		
2 AVAILABLE ΔP, (< 2							
3 TEMPERATURE,	ጉ	100							
4	1		1	HEATING	VALUE		I		_
5 HHV, BTU/SCF 6 LHV, BTU/SCF		1,285 1,166							
7		1,100		SITE D	ATA				
28 ELEVATION ABO	\/E	I CT	3155	SILED	WIND DESIGN		120 MPH (3 sec. gu	ct) (ASCE 7.10)	
29 BAROMETRIC PR			13.2		SEISMIC DESIGN	Se =	: 0.146 q; S1 = 0.042 q; Fa	, , ,	og.
30 MAX TEMPERAT		707 C	96		RAIN	03 -	- 0.140 g, 01 = 0.042 g, 1 a	- 1.2, 1 V - 1.7, 1L - 0 30	·9
31 MIN TEMPERATU			31		SNOW LOAD		Pg = 10	psf	
32				UTILITY	DATA		J		
3	INSTRUM	ENT AIR		POW	ER		FUE	L GAS	
34									
MIN PRESS	JRE, PSIG	80	VOL	TAGE	480		PRESSURE, PSIG	125	
6 MAX PRESS	URE, PSIG	125	PHA	SE	3		TEMPERATURE, °F	35 - 80	
7 DEW POINT	, °F	-40	CYC	LE, HZ	60		FLOW RATE, SCFH	*	
8									
_		IATION TO BE PROVIDE			DELLOTE 10		#TU DU OT 1.00.		
		*					VITH PILOT MONITORING		<u>,</u>
-					FAINTED PER AUDU	IBUN SPE	C. INCLUDE CONNECTIO	ONO FUR INLET, UUTLE	1,
	,	NTROL, DRAIN, AND LIQU SUSTION EFFICIENCY W		UUE.					
				G 99 9% OR GREA	TER DESTRUCTION O	OF THE H	YDROCARBON COMPON	IENTS IN THE GAS STR	FAM
5 5. GROUNDING			. OI NOITEVIN	O JULY ON GREA	LA DESTRUCTION C	. III⊑ I7	1 5 1 CO A TUDO N COUNT ON	LITTO IN THE GAS STR	∟/ \(\VI.
_			ANCE FROM (COMBUSTOR FOR S	SAFE OPERATION AS	S RECOM	MENDED BY THE VENDO	DR.	-
		FT OF IGNITION CABLE							
		CLUDE IGNITION TRANS		CTRODE. IGNITION	N BURNER. FLAME PI	ILOT SYS	TEM.		
9 8. NO YELLOV			,	, , , , , , ,	,				
		CLASS 1 DIV2 GROUP [O - TEMP CLAS	S T2.					
		SHALL BE PER ATTACH			E-SP-ME1007; FINISH	H COLOR:	CARLSBAD CANYON.		
2 11. AUDUBON T	O PROVIDE	EQUIPMENT TAGS AT T	HE TIME OF PU	JRCHASE.					
3 12. VENDOR TO	FURNISH T	NO (2) 1X100% FLAME A	RRESTORS W	ΊΤΗ ΜΙΝΙΜUΜ ΔΡ Α	T COMBUSTOR INLE	Т.			
4 13. VENDOR TO	FURNISH T	WO (2) BUTTERFLY SHU	TDOWN VALVI	E AT COMBUSTOR	STACK INLET COMPI	LETE WIT	H PLC COMPONENTS A	ND LOGIC FOR VALVE 1	ГО ВЕ
5 CONTROLLI	D FROM CO	MBUSTOR CONTROL PA	ANEL.						
66 REVISIO	N	A	В						
57 B	Y:	TJ	WP						
	- I 12/	3/2018 12/	11/2018	Ī					I
58 DAT 59 ISSUED FO			RFQ					+	

** **	Unit Source Description				Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
Unit Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
	Stabilization Hot Oil		27/		64.83	64.83	TBD	NA		☐ Existing (unchanged)	☐ To be Removed	27/1	
SHTR1	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR1	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
	Stabilization Hot Oil				(4.92	(4.92	TBD	NA		☐ Existing (unchanged)	☐ To be Removed		
SHTR2	Heater	THM	N/A	TBD	64.83 MMRtu/hr	64.83 MMBtu/hr			31000403	✓ New/Additional	☐ Replacement Unit	N/A	N/A
	(64.83 MMBtu/hr)				WIND COM III	TVIIVID tas III	TBD	SHTR2		☐ To Be Modified	☐ To be Replaced		
SHTR3	Stabilization Hot Oil Heater	THM	N/A	TBD	64.83	64.83	TBD	NA	31000403	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
SIIIIG	(64.83 MMBtu/hr)	111.71	1071	IBB	MMBtu/hr	MMBtu/hr	TBD	SHTR3	31000103	☐ To Be Modified	☐ To be Replaced	17/11	1071
	Stabilization Hot Oil				64.83	64.83	TBD	NA		☐ Existing (unchanged)	☐ To be Removed		
SHTR4	Heater	THM	N/A	TBD		MMBtu/hr	TBD	SHTR4	31000403	 ✓ New/Additional □ To Be Modified 	□ Replacement Unit□ To be Replaced	N/A	N/A
	(64.83 MMBtu/hr) Stabilization Hot Oil									☐ Existing (unchanged)	☐ To be Removed		
SHTR5	Heater	THM	N/A	TBD	64.83	64.83	TBD	NA	31000403	☐ Existing (unchanged) ☐ New/Additional	☐ Replacement Unit	N/A	N/A
	(64.83 MMBtu/hr)				MMBtu/nr	MMBtu/hr	TBD	SHTR5		☐ To Be Modified	☐ To be Replaced		
GLITTO (Stabilization Hot Oil	TT T 1	27/1	TTD D	64.83	64.83	TBD	NA	21000102	☐ Existing (unchanged)	☐ To be Removed	27/1	27/4
SHTR6	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR6	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
	Stabilization Hot Oil				64.02	64.02	TBD	NA		☐ Existing (unchanged)	☐ To be Removed		
SHTR7	Heater	THM	N/A	TBD	64.83 MMRtu/br	64.83 MMBtu/hr			31000403	☑ New/Additional	☐ Replacement Unit	N/A	N/A
	(64.83 MMBtu/hr)				WIWIDta/III	IVIIVID ta/III	TBD	SHTR7		☐ To Be Modified	☐ To be Replaced		
SHTR8	Stabilization Hot Oil Heater	THM	N/A	TBD	64.83	64.83	TBD	NA	31000403	 □ Existing (unchanged) ☑ New/Additional 	 □ To be Removed □ Replacement Unit 	N/A	N/A
SITIKO	(64.83 MMBtu/hr)	111111	11/74	IDD	MMBtu/hr	MMBtu/hr	TBD	SHTR8	31000403	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
	Stabilization Hot Oil				64.83	64.83	TBD	NA		☐ Existing (unchanged)	☐ To be Removed		
SHTR9	Heater	THM	N/A	TBD		MMBtu/hr	TBD	SHTR9	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
	(64.83 MMBtu/hr) Stabilization Hot Oil												
SHTR10	Heater	THM	N/A	TBD	64.83	64.83	TBD	NA	31000403	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
	(64.83 MMBtu/hr)				MMBtu/hr	MMBtu/hr	TBD	SHTR10		☐ To Be Modified	☐ To be Replaced		
GYYTTD 1.1	Stabilization Hot Oil	TT 17 (27/1	TTD D	64.83	64.83	TBD	NA	21000102	☐ Existing (unchanged)	☐ To be Removed	27/1	27/4
SHTR11	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR11	31000403	✓ New/Additional☐ To Be Modified	 □ Replacement Unit □ To be Replaced 	N/A	N/A
	Stabilization Hot Oil				64.02	64.02	TBD	NA		☐ Existing (unchanged)	☐ To be Removed		
SHTR12	Heater	THM	N/A	TBD	64.83 MMRtu/br	64.83 MMBtu/hr			31000403	☑ New/Additional	☐ Replacement Unit	N/A	N/A
	(64.83 MMBtu/hr)				IVIIVIDtu/III	IVIIVID tu/III	TBD	SHTR12		☐ To Be Modified	☐ To be Replaced		
CHTR1	Cryo Hot Oil Heater	THM	N/A	TBD	103.99	103.99	TBD	NA	31000403	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
CITIKI	(103.99 MMBtu/hr)	111111	1N/A	עמו	MMBtu/hr	MMBtu/hr	TBD	CHTR1	31000403	☐ To Be Modified	☐ To be Replaced	11//1	11/14

Unit and stack numbering must correspond throughout the application package. If applying for a NOI under 20.2.73 NMAC, equipment exemptions under 2.72.202 NMAC do not apply.

	Course Decorinties				Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
Unit Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
CHTR2	Cryo Hot Oil Heater	THM	N/A	TBD	103.99	103.99	TBD	NA	31000403	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
CITTK2	(103.99 MMBtu/hr)	1111V1	IN/A	IBD	MMBtu/hr	MMBtu/hr	TBD	CHTR2	31000403	☐ To Be Modified	☐ To be Replaced	IN/A	IN/A
CHTR3	Cryo Hot Oil Heater	THM	N/A	TBD	103.99	103.99	TBD	NA	31000403	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
CITICS	(103.99 MMBtu/hr)	111111	IV/A	TDD	MMBtu/hr	MMBtu/hr	TBD	CHTR3	31000403	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
RHTR1	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KIIIKI	(39.14 MMBtu/hr)	111111	IV/A	IDD	MMBtu/hr	MMBtu/hr	TBD	RHTR1	31000403	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
RHTR2	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KIIIKZ	(39.14 MMBtu/hr)	111111	IV/A	TDD	MMBtu/hr	MMBtu/hr	TBD	RHTR2	31000403	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
RHTR3	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KITTKS	(39.14 MMBtu/hr)	111111	IVA	IDD	MMBtu/hr	MMBtu/hr	TBD	RHTR3	31000403	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
FL1	SSM/Emergency Flare 1	Zeeco, Inc.	N/A	TBD	250	250	TBD	NA	31000160	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
TEI	(Dual Tip Flare)	zecco, me.	IV/A	TDD	MMscfd	MMscfd	TBD	FL1	31000100	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
FL2	SSM/Emergency Flare 2	Zeeco, Inc.	N/A	TBD	250	250	TBD	NA	31000160	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
TL2	(Dual Tip Flare)	zecco, me.	IV/A	TDD	MMscfd	MMscfd	TBD	FL2	31000100	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
FL3	Backup SSM/Emergency Flare 3	Zeeco, Inc.	N/A	TBD	250	250	TBD	NA	31000160	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
TLS	(Dual Tip Flare)	zecco, me.	IV/A	TDD	MMscfd	MMscfd	TBD	FL3	31000100	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
FL1-	FL1-FL3 Stabilizer				1.2	1.2	TBD	FL1-FL3		☐ Existing (unchanged)	☐ To be Removed		
FL3OVH D-SSM	Overhead SSM Gas	Zeeco, Inc.	N/A	TBD	MMscfd	MMscfd	TBD	FL1- FL3OVHD- SSM	31000160	✓ New/Additional□ To Be Modified	☐ Replacement Unit☐ To be Replaced	N/A	N/A
FL1-	FL1-FL3 Cryo				0.375	0.375	TBD	FL1-FL3		☐ Existing (unchanged)	☐ To be Removed		
FL3CRY O-SSM	Blowdown SSM Gas	Zeeco, Inc.	N/A	TBD	MMscfd	MMscfd	TBD	FL1- FL3CRYO- SSM	31000160	☑ New/Additional ☐ To Be Modified	☐ Replacement Unit☐ To be Replaced	N/A	N/A
IFR1	Oil Storage 1	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
II IXI	(100,000 bbl)	Tank	11/11	100	bbl	bbl	TBD	IFR1	70-100331	☐ To Be Modified	☐ To be Replaced	1 1/ /1	17/74
IFR2	Oil Storage 2	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
1111/2	(100,000 bbl)	Tank	11/11	150	bbl	bbl	TBD	IFR2		☐ To Be Modified	☐ To be Replaced	1 1/2 1	1 1/11

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Unit and stack numbering must correspond throughout the application package. If applying for a NOI under 20.2.73 NMAC, equipment exemptions under 2.72.202 NMAC do not apply.

					Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
Unit Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of I	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
IFR3	Oil Storage 3	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
II'N3	(100,000 bbl)	Tank	IN/A	TBD	bbl	bbl	TBD	IFR3	40400331	☐ To Be Modified	☐ To be Replaced	IN/A	IN/A
IFR4	Oil Storage 4	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
пкч	(100,000 bbl)	Tank	14/74	TDD	bbl	bbl	TBD	IFR4	40400331	☐ To Be Modified	☐ To be Replaced	IV/A	IVA
OTK1	3rd-Party Oil	Advance	N/A	TBD	2,000 bb1	2,000 bbl	TBD	ECD1	40400311	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
	Storage 1	Tank	1071	155	2,000 001	2,000 001	TBD	ECD1	10100511	☐ To Be Modified	☐ To be Replaced	17/11	1071
OTK2	3rd-Party Oil	Advance	N/A	TBD	2 000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
	Storage 2	Tank	1071	155	2,000 001	2,000 001	TBD	ECD1	10 100511	☐ To Be Modified	☐ To be Replaced	11/11	1071
OTK3	3rd-Party Oil	Advance	N/A	TBD	2 000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
	Storage 3	Tank	1071	155	2,000 001	2,000 001	TBD	ECD1	10100511	☐ To Be Modified	☐ To be Replaced	11/11	1071
OTK4	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
O1K4	Storage 4	Tank	14/71	TDD	2,000 001	2,000 001	TBD	ECD1	40400311	☐ To Be Modified	☐ To be Replaced	14/11	10/21
OTK5	3rd-Party Oil	Advance	N/A	TBD	2,000 bb1	2,000 bbl	TBD	ECD1	40400311	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
	Storage 5	Tank	1071	155	2,000 001	2,000 001	TBD	ECD1	10100311	☐ To Be Modified	☐ To be Replaced	11/11	1071
OTK6	3rd-Party Oil	Advance	N/A	TBD	2 000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
	Storage 6	Tank	1071	155	2,000 001	2,000 001	TBD	ECD1	10 100511	☐ To Be Modified	☐ To be Replaced	11/11	1071
ECD1	Combustor	Zeeco, Inc.	N/A	TBD	45,682	45,682	TBD	NA	31000209	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
ECD1	Comousion	Zecco, me.	1071	155	SCFH	SCFH	TBD	ECD1	31000209	☐ To Be Modified	☐ To be Replaced	11/11	1071
TO1	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
			1,111	155	MMBtu/hr	MMBtu/hr	TBD	TO1	51000203	☐ To Be Modified	☐ To be Replaced		1,111
TO2	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
			1,111	155	MMBtu/hr	MMBtu/hr	TBD	TO2	51000203	☐ To Be Modified	☐ To be Replaced		1,111
TO3	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
100			1,111	155	MMBtu/hr	MMBtu/hr	TBD	TO3	51000203	☐ To Be Modified	☐ To be Replaced	1,111	1,111
FUG	Fugitives	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
100	1 45 25	1771	1,712	1,111	1,111	1,712	TBD	FUG	11000011	☐ To Be Modified	☐ To be Replaced	1771	1,111

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Unit and stack numbering must correspond throughout the application package. If applying for a NOI under 20.2.73 NMAC, equipment exemptions under 2.72.202 NMAC do not apply.

	Source Description				Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
Unit Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of l	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
SSM	Storage Tank SSM	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	☐ Existing (unchanged) ☑ New/Additional	☐ To be Removed ☐ Replacement Unit	N/A	N/A
SSIVI	Emissions	IN/A	IN/A	IN/A	IN/A	N/A	TBD	SSM	31000011	☐ To Be Modified	☐ To be Replaced	IN/A	N/A
ROAD	Haul Road Fugitives	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KOAD	Tiaul Road Fugitives	IN/A	IN/A	IN/A	IN/A	N/A	TBD	ROAD	31000011	☐ To Be Modified	☐ To be Replaced	IN/A	IN/A
PWTK1	Produced Water	TBD	N/A	TBD	750 bbl	750 bbl	TBD	ECD1	40400315	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
I WIKI	Tank 1	TDD	IV/A	IDD	750 001	730 001	TBD	ECD1	40400313	☐ To Be Modified	☐ To be Replaced	IN/A	IV/A
PWTK2	Produced Water	TBD	N/A	TBD	750 bbl	750 bbl	TBD	ECD1	40400315	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
1 W I K Z	Tank 2	TDD	IV/A	IDD	750 001	730 001	TBD	ECD1	40400313	☐ To Be Modified	☐ To be Replaced	IV/A	14/A
PWTL	Produced Water	N/A	N/A	N/A	N/A	10,308	TBD	NA	40400250	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
1 1112	Loading	17/1	10/21	14/11	14/21	bbl/day	TBD	PWTL	10100230	☐ To Be Modified	☐ To be Replaced	11/11	14/11
OTL	Slop Oil Loading	N/A	N/A	N/A	210	210	TBD	NA	40400250	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
OIL	Stop On Loading	17/11	14/21	14/71	bbl/day	bbl/day	TBD	OTL	10100230	☐ To Be Modified	☐ To be Replaced	17/71	14/11
AU1	Amine Unit 1	TBD	N/A	TBD	250	250	TBD	TO1	31000305	☐ Existing (unchanged) ☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
7101	7 minine ome 1	100	1071	155	MMSCFD	MMSCFD	TBD	TO1	31000303	☐ To Be Modified	☐ To be Replaced	1771	1071
AU2	Amine Unit 2	TBD	N/A	TBD	250	250	TBD	TO2	31000305	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
1102	e 2		1 1/12	155	MMSCFD	MMSCFD	TBD	TO2	51000505	☐ To Be Modified	☐ To be Replaced	1,1,1	1,111
AU3	Amine Unit 3	TBD	N/A	TBD	250	250	TBD	TO3	31000305	☐ Existing (unchanged) ☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
		155	1,1,1		MMSCFD	MMSCFD	TBD	TO3	51000505	☐ To Be Modified	☐ To be Replaced	1,711	1,011
GBS1	Gunbarrel Tank	Advance	N/A	TBD	1,000 bbl	1,000 bbl	TBD	ECD1	31000506	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
		Tank	- " -		-,,,,,,	-,,,,,,	TBD	ECD1		☐ To Be Modified	☐ To be Replaced	- "	
OTK7	Slop Oil Tank	Advance	N/A	TBD	500 bbl	500 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
	F	Tank			3 4 4 - 31	2.4.4.4	TBD	ECD1		☐ To Be Modified	☐ To be Replaced		
TUR1	Turbine	Mitsubishi	H-100	TBD	120 MW	120 MW	TBD TBD	CAT1 TUR1	20200203	 □ Existing (unchanged) ☑ New/Additional □ To Be Modified 	 □ To be Removed □ Replacement Unit □ To be Replaced 	N/A	N/A

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Unit					Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source Classi-		RICE Ignition Type (CI, SI,	Replacing
Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	fication Code (SCC)	For Each Piece of Equipment, Check One	4SLB, 4SRB, 2SLB) ⁴	Unit No.
TUR2	Turbine	Mitsubishi	H-100	TBD	120 MW	120 MW	TBD	CAT2	20200203	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
TURZ	Turonic	Wittsubisiii	11-100	100	120 W W	120 WI W	TBD	TUR2	20200203	☐ To Be Modified ☐ To be Replaced	IV/A	11/74
TUR3	Turbine	Mitsubishi	H-100	TBD	120 MW	120 MW	TBD	CAT3	20200203	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	N/A	N/A
1010	Turome	14111546015111	11 100	155	120 111 11	120 111 11	TBD	TUR3	20200203	☐ To Be Modified ☐ To be Replaced	1771	1071
TUR4	Turbine	Mitsubishi	H-100	TBD	120 MW	120 MW	TBD	CAT4	20200203	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	N/A	N/A
TOICI	Turome	14111546015111	11 100	100	120 111 11	120 111 11	TBD	TUR4	20200203	☐ To Be Modified ☐ To be Replaced	17/1	1071
GEN1	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) □ To be Removed □ New/Additional □ Replacement Unit 	4SLB	N/A
GEIVI	Generator	Caterpinar	G332011	155	3110111	3110111	TBD	GEN1	20200231	☐ To Be Modified ☐ To be Replaced	1525	1071
GEN2	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	4SLB	N/A
021,2	Generator	Carripina	3552011		3	5	TBD	GEN2	2020020.	☐ To Be Modified ☐ To be Replaced	.525	1,111
GEN3	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	4SLB	N/A
021.0	Generator	Carorpina	0002011		3	5	TBD	GEN3	2020020.	☐ To Be Modified ☐ To be Replaced	.525	1,111
GEN4	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	4SLB	N/A
	Generator	F					TBD	GEN4		☐ To Be Modified ☐ To be Replaced		
GEN5	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	4SLB	N/A
	Generator						TBD	GEN5		☐ To Be Modified ☐ To be Replaced		
GEN6	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	4SLB	N/A
	Generator						TBD	GEN6		☐ To Be Modified ☐ To be Replaced		
GEN7	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	4SLB	N/A
	Generator						TBD	GEN7		☐ To Be Modified ☐ To be Replaced		
GEN8	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) □ To be Removed □ New/Additional □ Replacement Unit 	4SLB	N/A
	Generator						TBD	GEN8		☐ To Be Modified ☐ To be Replaced		
ESTCO	17 Electric Stabilizer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	N/A	N/A
MP1-17	Compressors						N/A	N/A		☐ To Be Modified ☐ To be Replaced		
EIACO	5 Electric Instrument	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	 □ Existing (unchanged) □ To be Removed □ New/Additional □ Replacement Unit 	N/A	N/A
MP1-5	Air Compressors						N/A	N/A		☐ To Be Modified ☐ To be Replaced		
CRYO1-	3 Cryogenic Trains	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	N/A	N/A
3	,	1.7.1	1.771		1,711	1.7.1	N/A	N/A	1.771	☐ To Be Modified ☐ To be Replaced	17/11	1,71
MOL1-3	3 Molecular Sieve	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	N/A	N/A
	Dehydrators	1 1/2 1	1 1/2 1	1 1/ / 1	1,71	1 1/2 1	N/A	N/A	1,71	☐ To Be Modified ☐ To be Replaced	1.01.1	1 1/11

Unit numbers must correspond to unit numbers in the previous NOI unless a complete cross reference table of all units in both NOIs is provided.

² Specify dates required to determine regulatory applicability.

³ To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

[&]quot;"4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CI" means compression ignition, and "SI" means spark ignition

	Unit Number ¹ Source Description	-			Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
CHTD 1	Stabilization Hot Oil	TIDA	27/4	TDD	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	DT/A	NI/A
SHTR1	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR1	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
CHTDA	Stabilization Hot Oil	THM	N/A	TBD	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	NT/A	NI/A
SHTR2	Heater (64.83 MMBtu/hr)	IHM	IN/A	IBD	MMBtu/hr	MMBtu/hr	TBD	SHTR2	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
CHTD2	Stabilization Hot Oil	TIDA	27/4	TDD	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	DT/A	NI/A
SHTR3	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR3	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
CLUTED 4	Stabilization Hot Oil	TIDA	27/4	TDD	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	37/4	27/4
SHTR4	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR4	31000403	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
CLUTED 7	Stabilization Hot Oil	TIDA	27/4	TDD	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	27/4	27/4
SHTR5	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR5	31000403	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
GYYTTD (Stabilization Hot Oil	TYP (27/4	TD D	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	27/4	27/4
SHTR6	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR6	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
GLIED 7	Stabilization Hot Oil	TIDA	27/4	TDD	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	27/4	27/4
SHTR7	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR7	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
CHED	Stabilization Hot Oil	TIDA	27/4	TDD	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	37/4	27/4
SHTR8	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR8	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
CHEDO	Stabilization Hot Oil	TIDA	27/4	TDD	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	27/4	27/4
SHTR9	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR9	31000403	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
CLUTTO 10	Stabilization Hot Oil	TYP (27/4	TD D	64.83	64.83	TBD	NA	21000402	☐ Existing (unchanged)	☐ To be Removed	27/4	27/4
SHTR10	Heater (64.83 MMBtu/hr)	THM	N/A	TBD	MMBtu/hr	MMBtu/hr	TBD	SHTR10	31000403	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
	Stabilization Hot Oil		27/1		64.83	64.83	TBD	NA		☐ Existing (unchanged)	☐ To be Removed	27/1	27/1
SHTR11	Heater (64.83 MMBtu/hr)	THM	N/A	TBD		MMBtu/hr	TBD	SHTR11	31000403	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
	Stabilization Hot Oil		27/1		64.83	64.83	TBD	NA		☐ Existing (unchanged)	☐ To be Removed	27/1	27/1
SHTR12	Heater (64.83 MMBtu/hr)	THM	N/A	TBD		MMBtu/hr	TBD	SHTR12	31000403	✓ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufact- urer's Rated Capacity ³ (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of Manufacture ² Date of Construction/ Reconstruction ²	Controlled by Unit # Emissions vented to Stack #	Source Classi- fication Code (SCC)	For Each Piece of I	Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
CHTR1	Cryo Hot Oil Heater	ТНМ	N/A	TBD	103.99	103.99	TBD	NA	21000402		☐ To be Removed	N/A	N/A
СПТКІ	(103.99 MMBtu/hr)	I IIIVI	IN/A	IBD	MMBtu/hr	MMBtu/hr	TBD	CHTR1	31000403	☑ New/Additional□ To Be Modified	□ Replacement Unit□ To be Replaced	IN/A	IN/A
CHTR2	Cryo Hot Oil Heater	THM	N/A	TBD	103.99	103.99	TBD	NA	31000403	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
CITIKZ	(103.99 MMBtu/hr)	TTIIVI	IV/A	TBD	MMBtu/hr	MMBtu/hr	TBD	CHTR2	31000403	☐ To Be Modified	☐ To be Replaced	IN/A	IN/A
CHTR3	Cryo Hot Oil Heater	THM	N/A	TBD	103.99	103.99	TBD	NA	31000403	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
CITIKS	(103.99 MMBtu/hr)	TTIIVI	IV/A	TBD	MMBtu/hr	MMBtu/hr	TBD	CHTR3	31000403	☐ To Be Modified	☐ To be Replaced	IN/A	IN/A
RHTR1	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KIIIKI	(39.14 MMBtu/hr)	111111	IVA	TDD	MMBtu/hr	MMBtu/hr	TBD	RHTR1	31000403	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
RHTR2	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KITTKZ	(39.14 MMBtu/hr)	111111	IV/A	TBD	MMBtu/hr	MMBtu/hr	TBD	RHTR2	31000403	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
RHTR3	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KITTKS	(39.14 MMBtu/hr)	111111	IV/A	TBD	MMBtu/hr	MMBtu/hr	TBD	RHTR3	31000403	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
FL1	SSM/Emergency Flare 1	Zeeco, Inc.	N/A	TBD	250	250	TBD	NA	31000160	□ Existing (unchanged)☑ New/Additional	☐ To be Removed ☐ Replacement Unit	N/A	N/A
121	(Dual Tip Flare)	zecco, me.	14/21	TDD	MMscfd	MMscfd	TBD	FL1	31000100	☐ To Be Modified	☐ To be Replaced	14/11	14/21
FL2	SSM/Emergency Flare 2	Zeeco, Inc.	N/A	TBD	250	250	TBD	NA	31000160	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
112	(Dual Tip Flare)	zecco, me.	14/21	TDD	MMscfd	MMscfd	TBD	FL2	31000100	☐ To Be Modified	☐ To be Replaced	14/11	14/21
FL3	Backup SSM/Emergency Flare 3	Zeeco, Inc.	N/A	TBD	250	250	TBD	NA	31000160	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
1 1.5	(Dual Tip Flare)	zecco, me.	IVA	TDD	MMscfd	MMscfd	TBD	FL3	31000100	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
FL1-	FL1-FL3 Stabilizer				1.2	1.2	TBD	FL1-FL3		☐ Existing (unchanged)	☐ To be Removed		
FL3OVH D-SSM	Overhead SSM Gas	Zeeco, Inc.	N/A	TBD	MMscfd	MMscfd	TBD	FL1- FL3OVHD- SSM	31000160	☑ New/Additional ☐ To Be Modified	☐ Replacement Unit☐ To be Replaced	N/A	N/A
FL1-	EL 1 EL 2 C				0.375	0.375	TBD	FL1-FL3		☐ Existing (unchanged)	☐ To be Removed		
FL3CRY O-SSM	FL1-FL3 Cryo Blowdown SSM Gas	Zeeco, Inc.	N/A	TBD	0.375 MMscfd	MMscfd	TBD	FL1- FL3CRYO- SSM	31000160	✓ New/Additional □ To Be Modified	☐ Replacement Unit☐ To be Replaced	N/A	N/A
IFR1	Oil Storage 1	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400221	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed	N/A	N/A
IFKI	(100,000 bbl)	Tank	IN/A	ממו	bbl	bbl	TBD	IFR1	40400331	☐ To Be Modified	□ Replacement Unit□ To be Replaced	IN/A	IN/A

W. 1.					Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
Unit Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
IFR2	Oil Storage 2	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	☐ Existing (unchanged) ☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
II KZ	(100,000 bbl)	Tank	IV/A	TBD	bbl	bbl	TBD	IFR2	40400331	☐ To Be Modified	☐ To be Replaced	IN/A	IV/A
IFR3	Oil Storage 3	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
II KS	(100,000 bbl)	Tank	IVA	TDD	bbl	bbl	TBD	IFR3	40400331	☐ To Be Modified	☐ To be Replaced	IV/A	IVA
IFR4	Oil Storage 4	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
II K4	(100,000 bbl)	Tank	IVA	TDD	bbl	bbl	TBD	IFR4	40400331	☐ To Be Modified	☐ To be Replaced	IV/A	IVA
OTK1	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
OIKI	Storage 1	Tank	IVA	TDD	2,000 001	2,000 001	TBD	ECD1	40400311	☐ To Be Modified	☐ To be Replaced	IV/A	IVA
OTK2	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1		□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
01112	Storage 2	Tank	14/21	155	2,000 001	2,000 001	TBD	ECD1	10100511	☐ To Be Modified	☐ To be Replaced	1071	1071
OTK3	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
OTKS	Storage 3	Tank	14/21	100	2,000 001	2,000 001	TBD	ECD1	40400311	☐ To Be Modified	☐ To be Replaced	1771	10/21
OTK4	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
OTIL	Storage 4	Tank	14/21	155	2,000 001	2,000 001	TBD	ECD1	10100311	☐ To Be Modified	☐ To be Replaced	1071	1071
OTK5	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
01113	Storage 5	Tank	14/21	155	2,000 001	2,000 001	TBD	ECD1	10 100511	☐ To Be Modified	☐ To be Replaced	1071	1071
OTK6	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
0110	Storage 6	Tank	14/21	155	2,000 001	2,000 001	TBD	ECD1	10100311	☐ To Be Modified	☐ To be Replaced	1071	1071
ECD1	Combustor	Zeeco, Inc.	N/A	TBD	45,682	45,682	TBD	NA	31000209	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
2021	2 3113 45101	, me.	1.771		SCFH	SCFH	TBD	ECD1	31030207	☐ To Be Modified	☐ To be Replaced	1.771	1.71
TO1	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
101	- Simul Simu		1 11 1		MMBtu/hr	MMBtu/hr	TBD	TO1	21000209	☐ To Be Modified	☐ To be Replaced	1,11	1,111

					Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
Unit Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of I	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
TO2	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
102	Thermal Oxidizer	zecco, me.	IV/A	IBD	MMBtu/hr	MMBtu/hr	TBD	TO2	31000209	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
ТО3	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
103	Thermal Oxidizer	zecco, me.	IV/A	TBD	MMBtu/hr	MMBtu/hr	TBD	TO3	31000209	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
FUG	Fugitives	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
100	1 ugitives	IVA	IV/A	IVA	IVA	IV/A	TBD	FUG	31000011	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
SSM	Storage Tank SSM	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
SSIVI	Emissions	IV/A	IV/A	IV/A	IV/A	IV/A	TBD	SSM	31088811	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
ROAD	Haul Road Fugitives	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KOAD	Tiaui Road i ugitives	IVA	IV/A	IVA	IVA	IV/A	TBD	ROAD	31000011	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
PWTK1	Produced Water	TBD	N/A	TBD	750 bbl	750 bbl	TBD	ECD1	40400315	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
1 WIKI	Tank 1	IDD	IVA	TDD	750 001	750 001	TBD	ECD1	40400313	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
PWTK2	Produced Water	TBD	N/A	TBD	750 bbl	750 bbl	TBD	ECD1	40400315	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
1 W 1 K2	Tank 2	IDD	IVA	TDD	750 001	750 001	TBD	ECD1	40400313	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
PWTL	Produced Water	N/A	N/A	N/A	N/A	10,308	TBD	NA	40400250	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
1 WIL	Loading	IVA	IV/A	IVA	IVA	bbl/day	TBD	PWTL	40400230	☐ To Be Modified	☐ To be Replaced	IVA	IV/A
OTL	Slop Oil Loading	N/A	N/A	N/A	210	210	TBD	NA	40400250	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
OIL	Stop Oil Loading	IV/A	IV/A	IV/A	bbl/day	bbl/day	TBD	OTL	40400230	☐ To Be Modified	☐ To be Replaced	IV/A	IV/A
AU1	Amine Unit 1	TBD	N/A	TBD	250	250	TBD	TO1	31000305	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
AUI	Annie Ont I	100	11/71	100	MMSCFD	MMSCFD	TBD	TO1	51000505	☐ To Be Modified	☐ To be Replaced	11/71	11/74
AU2	Amine Unit 2	TBD	N/A	TBD	250	250	TBD	TO2	31000305	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
AUZ	Annie Onit 2	100	11/71	100	MMSCFD	MMSCFD	TBD	TO2	51000505	☐ To Be Modified	☐ To be Replaced	11/71	11/74

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufact- urer's Rated Capacity ³ (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of Manufacture ² Date of Construction/ Reconstruction ²	Controlled by Unit # Emissions vented to Stack #	Source Classi- fication Code (SCC)	For Each Piece of I	Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
					250	250	TBD	TO3		☐ Existing (unchanged)	☐ To be Removed		
AU3	Amine Unit 3	TBD	N/A	TBD	MMSCFD	MMSCFD	TBD	TO3	31000305	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
cp.q.t	G 1 1 T 1	Advance	27/1	TD D	1 000 111	1.000.111	TBD	ECD1	21000506	☐ Existing (unchanged)	☐ To be Removed	27/4	27/4
GBS1	Gunbarrel Tank	Tank	N/A	TBD	1,000 bbl	1,000 bbl	TBD	ECD1	31000506	✓ New/Additional ☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
OTV7	Slan Oil Tauls	Advance	NI/A	TDD	500 kkl	500 hhl	TBD	ECD1	40400211	□ Existing (unchanged)	☐ To be Removed	NI/A	NI/A
OTK7	Slop Oil Tank	Tank	N/A	TBD	500 bbl	500 bbl	TBD	ECD1	40400311	☑ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
GEN1	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	4SLB	N/A
GENI	Generator	Caterpinal	G332011	TDD	3446 111	3446 111	TBD	GEN1	20200234	☐ To Be Modified	☐ To be Replaced	43LD	IV/A
GEN2	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	4SLB	N/A
GEIVE	Generator	Cutcipinai	3332011	155	3110111	3110111	TBD	GEN2	20200231	☐ To Be Modified	☐ To be Replaced	ISEB	14/11
GEN3	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	4SLB	N/A
021.0	Generator		0302011		5	3	TBD	GEN3	2020025	☐ To Be Modified	☐ To be Replaced		1,111
GEN4	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	4SLB	N/A
	Generator	1					TBD	GEN4		☐ To Be Modified	☐ To be Replaced		
GEN5	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	4SLB	N/A
_	Generator	1					TBD	GEN5		☐ To Be Modified	☐ To be Replaced		
GEN6	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	□ To be Removed□ Replacement Unit	4SLB	N/A
	Generator	1					TBD	GEN6		☐ To Be Modified	☐ To be Replaced		
GEN7	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	4SLB	N/A
	Generator	1					TBD	GEN7		☐ To Be Modified	☐ To be Replaced		
GEN8	Emergency	Caterpillar	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	□ To be Removed□ Replacement Unit	4SLB	N/A
	Generator	1					TBD	GEN8		☐ To Be Modified	☐ To be Replaced		
ESTCO MP1-17	17 Electric Stabilizer Compressors (Not	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	□ Existing (unchanged)☑ New/Additional	□ To be Removed□ Replacement Unit	N/A	N/A
	emission units) 5 Electric Instrument						N/A	N/A		☐ To Be Modified ☐ Existing (unchanged)	☐ To be Replaced☐ To be Removed☐		
EIACO MP1-5	Air Compressors (Not	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A	✓ New/Additional	☐ Replacement Unit	N/A	N/A
1 1 1-14	emission units)	-14					1 V / F1	1 V / /-1		☐ To Be Modified	☐ To be Replaced		

Unit numbers must correspond to unit numbers in the previous NOI unless a complete cross reference table of all units in both NOIs is provided.

² Specify dates required to determine regulatory applicability.

³ To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

[&]quot; "4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CI" means compression ignition, and "SI" means spark ignition

Unit and stack numbering must correspond throughout the application package. Equipment exemptions under 2.72.202 NMAC do not apply to 20.2.73 NMAC. Identify process equipment that is used to

reroute emissions back into the	process or sales pipeling	e in Table 2-A, such as a V	VRU, VRT, ULPS, Flashing	Vessel, or Blowcase.

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufact- urer's Rated Capacity ³ (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Date of Manufacture ² Date of Construction/ Reconstruction ²	Controlled by Unit # Emissions vented to Stack #	Source Classi- fication Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
SHTR1	Stabilization Hot Oil Heater	THM	N/A	TBD	64.83	64.83	TBD	NA	31000403	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
эпткт	(64.83 MMBtu/hr)	I IIIVI	N/A	IBD	MMBtu/hr	MMBtu/hr	TBD	SHTR1	31000403	☐ To Be Modified ☐ To be Replaced	IN/A	IN/A
SHTR2	Stabilization Hot Oil Heater	THM	N/A	TBD	64.83	64.83	TBD	NA	31000403	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
SITTRE	(64.83 MMBtu/hr)	1111/1	14/21	TDD	MMBtu/hr	MMBtu/hr	TBD	SHTR2	31000403	☐ To Be Modified ☐ To be Replaced	17/1	14/11
RHTR1	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
	(39.14 MMBtu/hr)	111111	1071	155	MMBtu/hr	MMBtu/hr	TBD	RHTR1	31000103	☐ To Be Modified ☐ To be Replaced	1771	17/11
RHTR2	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit 	N/A	N/A
KIIIIKZ	(39.14 MMBtu/hr)	1111/1	14/21	TDD	MMBtu/hr	MMBtu/hr	TBD	RHTR2	31000403	☐ To Be Modified ☐ To be Replaced	1771	14/11
RHTR3	Regen Heater	THM	N/A	TBD	39.14	39.14	TBD	NA	31000405	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
Turrito	(39.14 MMBtu/hr)	111111	1771	155	MMBtu/hr	MMBtu/hr	TBD	RHTR3	31000103	☐ To Be Modified ☐ To be Replaced	1771	10/11
FL1	SSM/Emergency Flare 1	Zeeco, Inc.	N/A	TBD	250	250	TBD	NA	31000160	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
121	(Dual Tip Flare)	Zecco, me.	1771	155	MMscfd	MMscfd	TBD	FL1	31000100	☐ To Be Modified ☐ To be Replaced	1771	10/11
FL2	SSM/Emergency Flare 2	Zeeco, Inc.	N/A	TBD	250	250	TBD	NA	31000160	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
122	(Dual Tip Flare)	Zecco, me.	1071	155	MMscfd	MMscfd	TBD	FL2	31000100	☐ To Be Modified ☐ To be Replaced	1771	17/11
EI 2	Backup SSM/Emergency	7 1	27/4	TDD	250	250	TBD	NA	21000160	☐ Existing (unchanged) ☐ To be Removed	27/4	27/4
FL3	Flare 3 (Dual Tip Flare)	Zeeco, Inc.	N/A	TBD	MMscfd	MMscfd	TBD	FL3	31000160	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced	N/A	N/A
FL1-	FL1-FL3 Stabilizer				1.2	1.2	TBD	FL1-FL3		☐ Existing (unchanged) ☐ To be Removed		
FL3OVH D-SSM	Overhead SSM Gas	Zeeco, Inc.	N/A	TBD	MMscfd	MMscfd	TBD	FL1- FL3OVHD- SSM	31000160	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced	N/A	N/A
FL1-	EL1 EL2 Como				0.375	0.375	TBD	FL1-FL3		☐ Existing (unchanged) ☐ To be Removed		
FL3CRY O-SSM	FL1-FL3 Cryo Blowdown SSM Gas	Zeeco, Inc.	N/A	TBD	MMscfd	MMscfd	TBD	FL1- FL3CRYO- SSM	31000160	✓ New/Additional	N/A	N/A
IFR1	Oil Storage 1	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
II'KI	(100,000 bbl)	Tank	IN/A	IBD	bbl	bbl	TBD	IFR1	40400331	☐ To Be Modified ☐ To be Replaced	IN/A	IN/A
IFR2	Oil Storage 2	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit	N/A	N/A
II'KZ	(100,000 bbl)	Tank	19/74	100	bbl	bbl	TBD	IFR2	70400331	☐ To Be Modified ☐ To be Replaced	IV/A	1N/ PA

Form Revision: 5/3/2016 Table 2-A: Page 1 Printed 12/4/2019 2:10 PM

Unit and stack numbering must correspond throughout the application package. Equipment exemptions under 2.72.202 NMAC do not apply to 20.2.73 NMAC. Identify process equipment that is used to

reroute emissions back into the process or sales pipeline in Table 2-A, such as a VRU, VRT, ULPS, Flashing Vessel, or Blowcase.

Unit					Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source Classi-			RICE Ignition Type (CI, SI,	Replacing
Number ¹	Source Description	Make	Model #	Serial#	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	fication Code (SCC)	For Each Piece of I	Equipment, Check One	4SLB, 4SRB, 2SLB) ⁴	Unit No.
IFR3	Oil Storage 3	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
II'N3	(100,000 bbl)	Tank	IN/A	160	bbl	bbl	TBD	IFR3	40400331	☐ To Be Modified	☐ To be Replaced	IN/A	IN/A
IFR4	Oil Storage 4	Advance	N/A	TBD	100,000	100,000	TBD	NA	40400331	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
11111	(100,000 bbl)	Tank	1071	155	bbl	bbl	TBD	IFR4	10 100331	☐ To Be Modified	☐ To be Replaced	1071	1071
OTK1	3rd-Party Oil	Advance	N/A	TBD	2,000 bb1	2,000 bbl	TBD	ECD1	40400311	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
	Storage 1	Tank	1071	155	2,000 001	2,000 001	TBD	ECD1	10100311	☐ To Be Modified	☐ To be Replaced	1071	1071
OTK2	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
OTKZ	Storage 2	Tank	14/71	TDD	2,000 001	2,000 001	TBD	ECD1	40400311	☐ To Be Modified	☐ To be Replaced	1771	14/11
ОТК3	3rd-Party Oil	Advance	N/A	TBD	2,000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
OTKS	Storage 3	Tank	14/71	TDD	2,000 001	2,000 001	TBD	ECD1	40400311	☐ To Be Modified	☐ To be Replaced	1771	14/11
OTK4	3rd-Party Oil	Advance	N/A	TBD	2 000 bbl	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
OTIC	Storage 4	Tank	14/71	TDD	2,000 001	2,000 001	TBD	ECD1	40400311	☐ To Be Modified	☐ To be Replaced	1771	14/11
OTK5	3rd-Party Oil	Advance	N/A	TBD	2,000 bb1	2,000 bbl	TBD	ECD1	40400311	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
01113	Storage 5	Tank	1071	155	2,000 001	2,000 001	TBD	ECD1	10100311	☐ To Be Modified	☐ To be Replaced	1071	1071
OTK6	3rd-Party Oil	Advance	N/A	TBD	2,000 bb1	2,000 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
01110	Storage 6	Tank	1071	155	2,000 001	2,000 001	TBD	ECD1	10100311	☐ To Be Modified	☐ To be Replaced	1071	1071
ECD1	Combustor	Zeeco, Inc.	N/A	TBD	45,682	45,682	TBD	NA	31000209	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
LCD1	Comoustor	Zecco, me.	1071	155	SCFH	SCFH	TBD	ECD1	31000209	☐ To Be Modified	☐ To be Replaced	1071	1071
TO1	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
101	Thermal Galaizer	Zecco, me.	1071	155	MMBtu/hr	MMBtu/hr	TBD	TO1	31000209	☐ To Be Modified	☐ To be Replaced	1071	1071
TO2	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
102	Thermal Oxidizer	zecco, me.	14/71	TDD	MMBtu/hr	MMBtu/hr	TBD	TO2	31000207	☐ To Be Modified	☐ To be Replaced	1771	14/11
TO3	Thermal Oxidizer	Zeeco, Inc.	N/A	TBD	31.5	31.5	TBD	NA	31000209	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
103	Thermal Galaizer	zecco, me.	1071	155	MMBtu/hr	MMBtu/hr	TBD	TO3	31000209	☐ To Be Modified	☐ To be Replaced	1071	1771
FUG	Fugitives	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
100	1 45111103	11/71	11/71	11/71	11/71	11/71	TBD	FUG	51000011	☐ To Be Modified	☐ To be Replaced	14/74	IVA

Unit and stack numbering must correspond throughout the application package. Equipment exemptions under 2.72.202 NMAC do not apply to 20.2.73 NMAC. Identify process equipment that is used to

reroute emissions back into the process or sales pipeline in Table 2-A, such as a VRU, VRT, ULPS, Flashing Vessel, or Blowcase.

					Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
Unit Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
SSM	Storage Tank SSM	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	☐ Existing (unchanged) ☑ New/Additional	☐ To be Removed ☐ Replacement Unit	N/A	N/A
SSIVI	Emissions	IN/A	IN/A	IN/A	IN/A	IN/A	TBD	SSM	31088811	☐ To Be Modified	☐ To be Replaced	IN/A	IN/A
ROAD	Haul Road Fugitives	N/A	N/A	N/A	N/A	N/A	TBD	NA	31088811	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
KOND	Tiddi Rodd i dgilives	17/11	10/11	14/21	14/21	14/21	TBD	ROAD	31000011	☐ To Be Modified	☐ To be Replaced	14/11	17/21
PWTK1	Produced Water	TBD	N/A	TBD	750 bbl	750 bbl	TBD	ECD1	40400315	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
1 WILL	Tank 1	TDD	10/71	TDD	750 001	750 001	TBD	ECD1	40400313	☐ To Be Modified	☐ To be Replaced	14/11	17/21
PWTK2	Produced Water	TBD	N/A	TBD	750 bbl	750 bbl	TBD	ECD1	40400315	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
1 11112	Tank 2	TDD	10/11	TDD	750 001	750 001	TBD	ECD1	40400313	☐ To Be Modified	☐ To be Replaced	14/11	17/21
PWTL	Produced Water	N/A	N/A	N/A	N/A	10,308	TBD	NA	40400250	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
- WIE	Loading	10/11	1071	1071	1071	bbl/day	TBD	PWTL	10100230	☐ To Be Modified	☐ To be Replaced	11/11	10/11
OTL	Slop Oil Loading	N/A	N/A	N/A	210	210	TBD	NA	40400250	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
OIL	Stop on Louding	10/11	1071	1071	bbl/day	bbl/day	TBD	OTL	10100230	☐ To Be Modified	☐ To be Replaced	11/11	10/11
AU1	Amine Unit 1	TBD	N/A	TBD	250	250	TBD	TO1	31000305	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
7101	7 Minnie Cint 1	100	1071	155	MMSCFD	MMSCFD	TBD	TO1	31000303	☐ To Be Modified	☐ To be Replaced	11/11	10/11
AU2	Amine Unit 2	TBD	N/A	TBD	250	250	TBD	TO2	31000305	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
	e <u>2</u>		1,111	155	MMSCFD	MMSCFD	TBD	TO2	31000302	☐ To Be Modified	☐ To be Replaced		1,112
AU3	Amine Unit 3	TBD	N/A	TBD	250	250	TBD	TO3	31000305	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
			- "		MMSCFD	MMSCFD	TBD	TO3		☐ To Be Modified	☐ To be Replaced		- "
GBS1	Gunbarrel Tank	Advance	N/A	TBD	1.000 bbl	1,000 bbl	TBD	ECD1	31000506	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
		Tank	- "		-,	-,,,,,,	TBD	ECD1		☐ To Be Modified	☐ To be Replaced		
OTK7	Slop Oil Tank	Advance	N/A	TBD	500 bb1	500 bbl	TBD	ECD1	40400311	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
	r	Tank					TBD	ECD1		☐ To Be Modified	☐ To be Replaced	*	
TUR1	Turbine	Mitsubishi	H-100	TBD	120 MW	120 MW	TBD	CAT1	20200203	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
13101	10151110		11 100	120	120 111 17	120 11111	TBD	TUR1	20230203	☐ To Be Modified	☐ To be Replaced	1011	1011

Form Revision: 5/3/2016 Table 2-A: Page 3 Printed 12/4/2019 2:10 PM

Unit and stack numbering must correspond throughout the application package. Equipment exemptions under 2.72.202 NMAC do not apply to 20.2.73 NMAC. Identify process equipment that is used to reroute emissions back into the process or sales pipeline in Table 2-A, such as a VRU, VRT, ULPS, Flashing Vessel, or Blowcase.

					Manufact- urer's Rated	Requested Permitted	Date of Manufacture ²	Controlled by Unit #	Source			RICE Ignition	
Unit Number ¹	Source Description	Make	Model #	Serial #	Capacity ³ (Specify Units)	Capacity ³ (Specify Units)	Date of Construction/ Reconstruction ²	Emissions vented to Stack #	Classi- fication Code (SCC)	For Each Piece of I	Equipment, Check One	Type (CI, SI, 4SLB, 4SRB, 2SLB) ⁴	Replacing Unit No.
TUR2	Tradition	Mitardiidii	H-100	TBD	120 MW	120 MW	TBD	CAT2	20200203	□ Existing (unchanged)	☐ To be Removed	NT/A	NI/A
TUR2	Turbine	Mitsubishi	H-100	IBD	120 M W	120 MW	TBD	TUR2	20200203	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
TUR3	Turbine	Mitsubishi	H-100	TBD	120 MW	120 MW	TBD	CAT3	20200203	☐ Existing (unchanged) ☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
10K3	Turome	Wiitsuoisiii	11-100	IBD	120 101 00	120 IVI W	TBD	TUR3	20200203	☐ To Be Modified	☐ To be Replaced	IN/A	IN/A
TUR4	Turbine	Mitsubishi	H-100	TBD	120 MW	120 MW	TBD	CAT4	20200203	☐ Existing (unchanged)	☐ To be Removed	N/A	N/A
10K4	Turome	Wiitsuoisiii	11-100	IBD	120 101 00	120 IVI W	TBD	TUR4	20200203	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	IN/A	IN/A
GEN1	Emergency	Catamillan	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	☐ Existing (unchanged)	☐ To be Removed	N/A	N/A
GENI	Generator	Caterpillar	G5520H	IDD	3446 ПР	3446 ПР	TBD	GEN1	20200234	✓ New/Additional☐ To Be Modified	□ Replacement Unit□ To be Replaced	IN/A	N/A
GEN2	Emergency	Catamillan	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed	N/A	N/A
GEN2	Generator	Caterpillar	G5520H	IDD	3446 ПР	3446 ПР	TBD	GEN2	20200234	☐ To Be Modified	□ Replacement Unit□ To be Replaced	IN/A	N/A
GEN3	Emergency	Catamillan	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed	N/A	N/A
GENS	Generator	Caterpillar	G5520H	IDD	3446 ПР	3446 ПР	TBD	GEN3	20200234	☐ To Be Modified	□ Replacement Unit□ To be Replaced	IN/A	N/A
GEN4	Emergency	Catamillan	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
GEN4	Generator	Caterpillar	G5520H	IDD	3446 ПР	3446 ПР	TBD	GEN4	20200234	☐ To Be Modified	☐ To be Replaced	IN/A	N/A
GEN5	Emergency	Catamillan	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	☐ To be Removed	N/A	N/A
GENS	Generator	Caterpillar	G5520H	IDD	3446 ПР	3446 ПР	TBD	GEN5	20200234	☐ To Be Modified	□ Replacement Unit□ To be Replaced	IN/A	N/A
GEN6	Emergency	Catamillan	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
GENO	Generator	Caterpillar	G5520H	IDD	3446 ПР	3446 ПР	TBD	GEN6	20200234	☐ To Be Modified	☐ To be Replaced	IN/A	N/A
GEN7	Emergency	Catamillan	G3520H	TBD	3448 HP	3448 HP	TBD	NA	20200254	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
GEN/	Generator	Caterpillar	G5520H	IDD	3446 ПР	3446 ПР	TBD	GEN7	20200234	☐ To Be Modified	☐ To be Replaced	IN/A	N/A
GEN8	Emergency	C-4:11	C2520II	TBD	3448 HP	3448 HP	TBD	NA	20200254	☐ Existing (unchanged)	☐ To be Removed	N/A	N/A
GEN8	Generator	Caterpillar	G3520H	IBD	3448 HP	3448 HP	TBD	GEN8	20200254	✓ New/Additional ☐ To Be Modified	□ Replacement Unit□ To be Replaced	N/A	N/A
ESTCO	17 Electric Stabilizer Compressors (Not	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	 □ Existing (unchanged) ☑ New/Additional 	☐ To be Removed☐ Replacement Unit	N/A	N/A
MP1-17	emission units)	11/71	11/74	11/71	14/74	11/74	N/A	N/A	14/74	☐ To Be Modified	☐ To be Replaced	11/71	11/74
EIACO	5 Electric Instrument Air Compressors (Not	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	□ Existing (unchanged)☑ New/Additional	☐ To be Removed☐ Replacement Unit	N/A	N/A
MP1-5	emission units)		<u> </u>	N unless a semi	<u> </u>		N/A	N/A	<u> </u>	☐ To Be Modified	☐ To be Replaced		

Unit numbers must correspond to unit numbers in the previous NOI unless a complete cross reference table of all units in both NOIs is provided.

² Specify dates required to determine regulatory applicability.

³ To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

^{4&}quot;4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CI" means compression ignition, and "SI" means spark ignition

Table 2-B: Insignificant Activities (20.2.70 NMAC) **OR** Exempted Equipment (20.2.72 NMAC)

All 20.2.70 NMAC (Title V) applications must list all Insignificant Activities in this table. All 20.2.72 NMAC applications must list Exempted Equipment in this table. If equipment listed on this table is exempt under 20.2.72.202.B.5, include emissions calculations and emissions totals for 202.B.5 "similar functions" units, operations, and activities in Section 6, Calculations. Equipment and activities exempted under 20.2.72.202 NMAC may not necessarily be Insignificant under 20.2.70 NMAC (and vice versa). Unit & stack numbering must be consistent throughout the application package. Per Exemptions Policy 02-012.00 (see http://www.env.nm.gov/aqb/permit/aqb_pol.html), 20.2.72.202.B NMAC Exemptions do not apply, but 20.2.72.202.A NMAC exemptions do apply to NOI facilities under 20.2.73 NMAC. List 20.2.72.301.D.4 NMAC Auxiliary Equipment for Streamline applications in Table 2-A. The List of Insignificant Activities (for TV) can be found online at

http://www.env	/.nm.gov/aqb/forms/Insignifica	ntListTitleV.pdf。[]	I'V sources may ele	ect to enter both TV	Insignificant Activities and Part 72	Exemptions on this fo	orm.
					List Specific 20 2 72 202 NMAC Exempt	Date of	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of	For Each Piece of Equipment, Check Onc
Olit Nulliber	Source Description	Manufacturer	Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	For Each Frece of Equipment, Check Onc
LOV1	Turbine Lube Oil Vent	Mitsubishi	N/A	N/A	20.2.72.202.B.5	TBD	☐ Existing (unchanged) ☐ To be Removed ☑ New/Additional ☐ Replacement Unit
LOVI	Turome Lube On Vent	Mitsubisiii	N/A	N/A	Units with PTE < 0.5 tpy	TBD	☐ To Be Modified ☐ To be Replaced
LOV2	Turbine Lube Oil Vent	Mitsubishi	N/A	N/A	20.2.72.202.B.5	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
LOVZ	Turome Lube On Vent	Mitsubisiii	N/A	N/A	Units with PTE < 0.5 tpy	TBD	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced
LOV3	Turbine Lube Oil Vent	Mitsubishi	N/A	N/A	20.2.72.202.B.5	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
LOVS	Turbine Lube Oil Vent	Mitsudishi	N/A	N/A	Units with PTE < 0.5 tpy	TBD	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced
LOV4	Turbine Lube Oil Vent	Mitsubishi	N/A	N/A	20.2.72.202.B.5	TBD	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
LOV4	Turbine Lube Oil Vent	Mitsudishi	N/A	N/A	Units with PTE < 0.5 tpy	TBD	□ To Be Modified □ To be Replaced
TK5001	Thermal Fluid Surge Tank	TBD	N/A	N/A	20.2.72.202.B.5	TBD	☐ Existing (unchanged) ☐ To be Removed ☑ New/Additional ☐ Replacement Unit
1K3001	(Nitrogen and Trace VOC)	IBD	N/A	N/A	Units with PTE < 0.5 tpy	TBD	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced
TK5002	Thermal Fluid Surge Tank	TBD	N/A	N/A	20.2.72.202.B.5	TBD	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
1K3002	(Nitrogen and Trace VOC)	IBD	N/A	N/A	Units with PTE < 0.5 tpy	TBD	☐ To Be Modified ☐ To be Replaced
40A	1000 bbl Demin Water Tank	TBD	N/A	N/A	Not a source of regulated emissions	TBD	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
40A	1000 bbi Demin Water Tank	IBD	N/A	N/A		TBD	□ To Be Modified □ To be Replaced
40B	1000 bbl Raw Water Tank	TBD	N/A	N/A	Not a source of regulated emissions	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
40D	1000 bbi Kaw water Tank	IBD	N/A	N/A		TBD	☐ To Be Modified ☐ To be Replaced
78A	1000 bbl Raw Water Tank	TBD	N/A	N/A	Not a source of regulated emissions	TBD	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
/0A	1000 bbi Kaw water Tank	IBD	N/A	N/A		TBD	☐ To Be Modified ☐ To be Replaced
78B	1000 bbl Raw Water Tank	TBD	N/A	N/A	Not a source of regulated emissions	TBD	☐ Existing (unchanged) ☐ To be Removed ☑ New/Additional ☐ Replacement Unit
/ 0D	1000 001 Kaw water Tank	עפו	N/A	N/A		TBD	☐ To Be Modified ☐ To be Replaced
77	1000 bbl Firefighting Foam	TBD	N/A	N/A	Not a source of regulated emissions	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
//	Tank	עפו	N/A	N/A		TBD	☐ NewAdditional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced
70	100 bbl Lube Oil Tank	TBD	N/A	N/A	20.2.72.202.B.5	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
/U	100 ddi Lude Oii Tank	ממו	N/A	N/A	Units with PTE < 0.5 tpy	TBD	☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced

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Table 2-B: Insignificant Activities (20.2.70 NMAC) **OR** Exempted Equipment (20.2.72 NMAC)

All 20.2.70 NMAC (Title V) applications must list all Insignificant Activities in this table. All 20.2.72 NMAC applications must list Exempted Equipment in this table. If equipment listed on this table is exempt under 20.2.72.202.B.5, include emissions calculations and emissions totals for 202.B.5 "similar functions" units, operations, and activities in Section 6, Calculations. Equipment and activities exempted under 20.2.72.202 NMAC may not necessarily be Insignificant under 20.2.70 NMAC (and vice versa). Unit & stack numbering must be consistent throughout the application package. Per Exemptions Policy 02-012.00 (see http://www.env.nm.gov/aqb/permit/aqb_pol.html), 20.2.72.202.B NMAC Exemptions do not apply, but 20.2.72.202.A NMAC exemptions do apply to NOI facilities under 20.2.73 NMAC. List 20.2.72.301.D.4 NMAC Auxiliary Equipment for Streamline applications in Table 2-A. The List of Insignificant Activities (for TV) can be found online at

http://www.env.nm.gov/aqb/forms/InsignificantListTitleV.pdf . TV sources may elect to enter both TV Insignificant Activities and Part 72 Exemptions on this form.

Unit Number	umber Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction ²	For Each Piece of Equipment, Check Onc
Onic ivamoer	Source Description	Manufactures	Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction ²	For Each Freet of Equipment, Check One
71	100 bbl Lube Oil Tank	TBD	N/A	N/A	20.2.72.202.B.5	TBD	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
/ 1	100 but Lube Off Talik	IBD	N/A	N/A	Units with PTE < 0.5 tpy	TBD	☐ To Be Modified ☐ To be Replaced
72	100 bbl Lube Oil Tank	TBD	N/A	N/A	20.2.72.202.B.5	TBD	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
12	100 boi Lube On Tank	IBD	N/A	N/A	Units with PTE < 0.5 tpy	TBD	☐ To Be Modified ☐ To be Replaced
41	Amino Molsona Touls	TBD	N/A	N/A	Not a source of regulated emissions	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
41	Amine Makeup Tank	IBD	N/A	N/A		TBD	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced
39	Hillian Watan Tauls	TBD	N/A	N/A	Not a source of regulated emissions	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
39	Utility Water Tank	IBD	N/A	N/A		TBD	□ To Be Modified □ To be Replaced
40	Water Malsons Tauls	TBD	N/A	N/A	Not a source of regulated emissions	TBD	☐ Existing (unchanged) ☐ To be Removed ☑ New/Additional ☐ Replacement Unit
40	Water Makeup Tank	IBD	N/A	N/A		TBD	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced
41	Hillian Water Touls	TBD	N/A	N/A	Not a source of regulated emissions	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
41	Utility Water Tank	IBD	N/A	N/A		TBD	□ To Be Modified □ To be Replaced
EREGCOMP1 -	Electric Regen Gas	TBD	N/A	N/A	Not a source of regulated emissions	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
EREGCOMP3	Compressors	IBD	N/A	N/A		TBD	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced
EREFCOMP1 -	Electric Refrigeration Gas	TBD	N/A	N/A	Not a source of regulated emissions	TBD	□ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
EREFCOMP3	Compressors	IBD	N/A	N/A		TBD	☐ To Be Modified ☐ To be Replaced
ESTCOMP1 -	Electric Oil/Condensate	TBD	N/A	N/A	Not a source of regulated emissions	TBD	 □ Existing (unchanged) □ To be Removed ☑ New/Additional □ Replacement Unit
ESTCOMP17	Stabilizer Gas Compressors	IBD	N/A	N/A		TBD	☐ To Be Modified ☐ To be Replaced
ERESCOMP1 -	Electric Residue Gas	TBD	N/A	N/A	Not a source of regulated emissions	TBD	☐ Existing (unchanged) ☐ To be Removed
ERESCOMP5	Compressors	เหม	N/A	N/A		TBD	☑ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced
EIACOMP1 -	Electric Instrument Air	TBD	N/A	N/A	Not a source of regulated emissions	TBD	☐ Existing (unchanged) ☐ To be Removed ☑ New/Additional ☐ Replacement Unit
EIACOMP5	Compressors	180	N/A	N/A		TBD	✓ New/Additional □ Replacement Unit □ To Be Modified □ To be Replaced

¹ Insignificant activities exempted due to size or production rate are defined in 20.2.70.300.D.6, 20.2.70.7.Q NMAC, and the NMED/AQB List of Insignificant Activities, dated September 15, 2008. Emissions from these insignificant activities do not need to be reported, unless specifically requested.

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² Specify date(s) required to determine regulatory applicability.

Table 2-C: Emissions Control Equipment

Unit and stack numbering must correspond throughout the application package. Only list control equipment for TAPs if the TAP's maximum uncontrolled emissions rate is over its respective threshold as listed in 20.2.72 NMAC, Subpart V, Tables A and B. In accordance with 20.2.72.203.A(3) and (8) NMAC, 20.2.70.300.D(5)(b) and (e) NMAC, and 20.2.73.200.B(7) NMAC, the permittee shall report all control devices and list each pollutant controlled by the control device regardless if the applicant takes credit for the reduction in emissions.

Control Equipment Unit No.	Control Equipment Description	Date Installed	Controlled Pollutant(s)	Controlling Emissions for Unit Number(s) ¹	Efficiency (% Control by Weight)	Method used to Estimate Efficiency
FL1	Flare 1	TBD	VOC, HAP	Plant Inlet & SSM Activities	98%	Mnf. Guarantee
FL2	Flare 2	TBD	VOC, HAP	Plant Inlet & SSM Activities	98%	Mnf. Guarantee
FL3	Flare 3	TBD	VOC, HAP	Plant Inlet & SSM Activities	98%	Mnf. Guarantee
ECD1	Combustor	TBD	VOC, HAP	OTK1-OTK7, PWTK1-PWTK2, OTL	99%	Mnf. Guarantee
TO1	Thermal Oxidizer	TBD	VOC, HAP	AU1	99%	Mnf. Guarantee
TO2	Thermal Oxidizer	TBD	VOC, HAP	AU2	99%	Mnf. Guarantee
TO3	Thermal Oxidizer	TBD	VOC, HAP	AU3	99%	Mnf. Guarantee
CAT1	Catalytic Reduction	TBD	CO, VOC, HAP	TUR1	VOC/HAP - 37%, HCOH - 63%; NOX -	Mnf. Guarantee
CAT2	Catalytic Reduction	TBD	CO, VOC, HAP	TUR2	VOC/HAP - 37%, HCOH - 63%; NOX - 83.7%	Mnf. Guarantee
CAT3	Catalytic Reduction	TBD	CO, VOC, HAP	TUR3	VOC/HAP - 37%, HCOH - 63%; NOX -	Mnf. Guarantee
CAT4	Catalytic Reduction	TBD	CO, VOC, HAP	TUR4	VOC/HAP - 37%, HCOH - 63%; NOX - 83.7%	Mnf. Guarantee
¹ List each control d	levice on a separate line. For each control device, list all	emission units c	ontrolled by the control device.			

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Table 2-H: Stack Exit Conditions

Unit and stack numbering must correspond throughout the application package. Include the stack exit conditions for each unit that emits from a stack, including blowdown venting parameters and tank emissions.

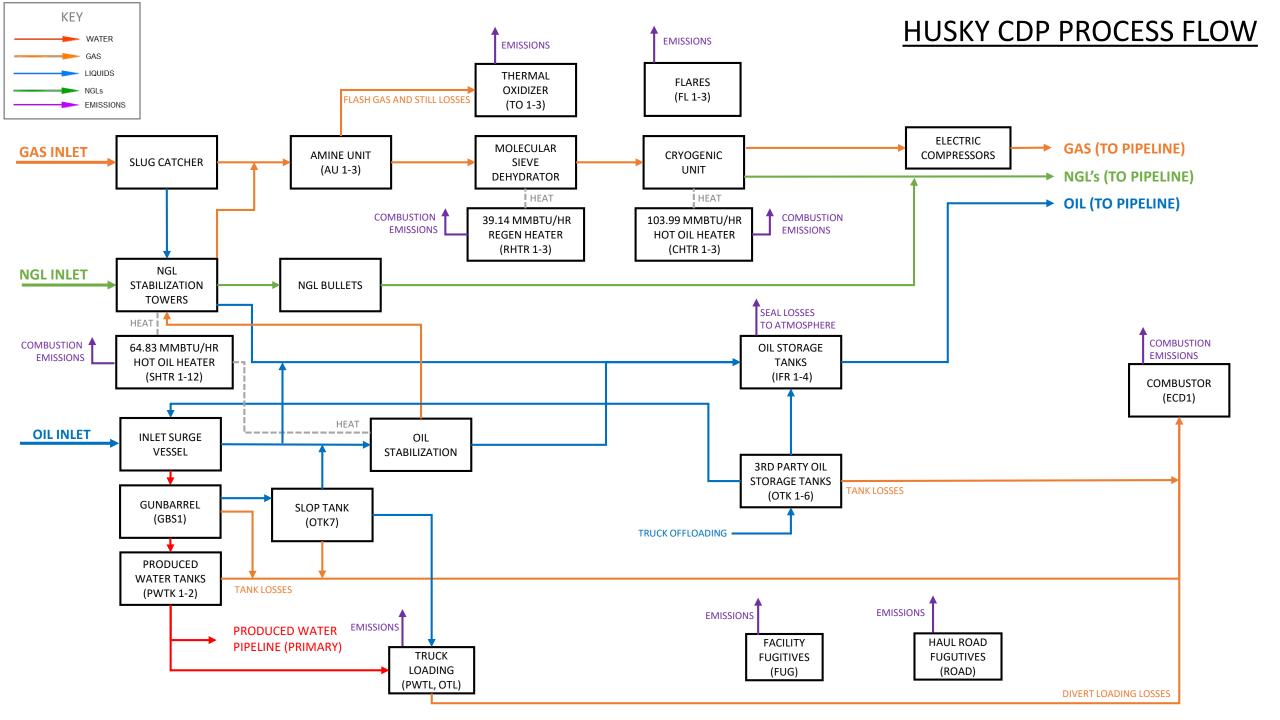
Stack	Serving Unit Number(s) from	Orientation (H-Horizontal	Rain Caps	Height Above	Temp.	Flow	Rate	Moisture by	Velocity	Inside
Number	Table 2-A	V=Vertical)	(Yes or No)	Ground (ft)	(F)	(acfs)	(dscfs)	Volume (%)	(ft/sec)	Diameter (ft)
SHTR1	SHTR1	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR2	SHTR2	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR3	SHTR3	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR4	SHTR4	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR5	SHTR5	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR6	SHTR6	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR7	SHTR7	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR8	SHTR8	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR9	SHTR9	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR10	SHTR10	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR11	SHTR11	V	No	33.0	488	485	NA	0	38.6	4.0
SHTR12	SHTR12	V	No	33.0	488	485	NA	0	38.6	4.0
CHTR1	CHTR1	V	No	76.9	599	902	NA	0	71.8	4.0
CHTR2	CHTR2	V	No	76.9	599	902	NA	0	71.8	4.0
CHTR3	CHTR3	V	No	76.9	599	902	NA	0	71.8	4.0
RHTR1	RHTR1	V	No	28.5	470	321	NA	0	57.5	2.7
RHTR2	RHTR2	V	No	28.5	470	321	NA	0	57.5	2.7
RHTR3	RHTR3	V	No	28.5	470	321	NA	0	57.5	2.7
FL1	FL1	V	No	170.0	1832	52	NA	0	65.6	0.2
FL2	FL2	V	No	170.0	1832	52	NA	0	65.6	0.2
FL3	FL3	V	No	170.0	1832	52	NA	0	65.6	0.2
ECD1	ECD1	V	No	40.0	1450	529	NA	0	39.5	8.4
TO1	TO1	V	No	57.0	1600	693.7	NA	0	51.9	4.1
TO2	TO2	V	No	57.0	1600	693.7	NA	0	51.9	4.1

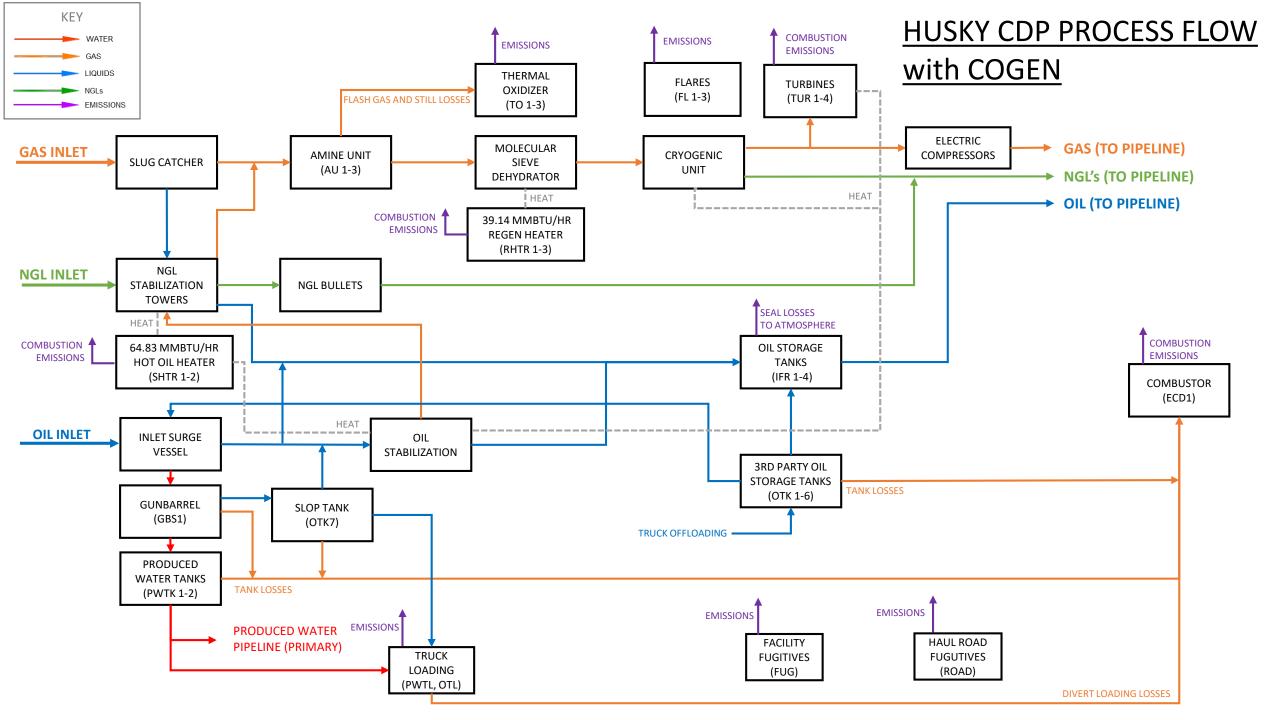
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Table 2-H: Stack Exit Conditions

Unit and stack numbering must correspond throughout the application package. Include the stack exit conditions for each unit that emits from a stack, including blowdown venting parameters and tank emissions.

Stack	Serving Unit Number(s) from	Orientation	Rain Caps	Height Above	Temp.	Flow	Rate	Moisture by	Velocity	Inside
Number	Table 2-A	(H-Horizontal V=Vertical)	(Yes or No)	Ground (ft)	(F)	(acfs)	(dscfs)	Volume (%)	(ft/sec)	Diameter (ft)
TO3	TO3	V	No	57.0	1600	693.7	NA	0	51.9	4.1
TUR1	TUR1	V	No	150.0	185	7700.7	NA	0	38.3	16.0
TUR2	TUR2	V	No	150.0	185	7700.7	NA	0	38.3	16.0
TUR3	TUR3	V	No	150.0	185	7700.7	NA	0	38.3	16.0
TUR4	TUR4	V	No	150.0	185	7700.7	NA	0	38.3	16.0
GEN1	GEN1	V	No	14.0	815.0	224.3	NA	0	285.5	1.0
GEN2	GEN2	V	No	14.0	815.0	224.3	NA	0	285.5	1.0
GEN3	GEN3	V	No	14.0	815.0	224.3	NA	0	285.5	1.0
GEN4	GEN4	V	No	14.0	815.0	224.3	NA	0	285.5	1.0
GEN5	GEN5	V	No	14.0	815.0	224.3	NA	0	285.5	1.0
GEN6	GEN6	V	No	14.0	815.0	224.3	NA	0	285.5	1.0
GEN7	GEN7	V	No	14.0	815.0	224.3	NA	0	285.5	1.0
GEN8	GEN8	V	No	14.0	815.0	224.3	NA	0	285.5	1.0





Section 10

Written Description of the Routine Operations of the Facility

A written description of the routine operations of the facility. Include a description of how each piece of equipment will be operated, how controls will be used, and the fate of both the products and waste generated. For modifications and/or revisions, explain how the changes will affect the existing process. In a separate paragraph describe the major process bottlenecks that limit production. The purpose of this description is to provide sufficient information about plant operations for the permit writer to determine appropriate emission sources.

The Husky Central Delivery Point (CDP) is a gas processing facility with oil and NGL stabilization. The facility will produce sales gas, Y-Grade NGL, and spec oil products. The Husky CDP will be built over multiple phases to reach a full processing capacity of 1.5 BCFD of Natural Gas, 200,000 BPD of Oil Stabilization and 190,000 BPD of NGL Stabilization. The overall facility will be designed to accommodate three (3) cryogenic (cryo) trains. In addition to the gas processing and CDP equipment, XTO Energy is planning the construction of four (4) Cogen turbines to provide power and auxiliary heat to the facility.

Natural Gas System

The Husky CDP gas handling system will be fed by natural gas gathering lines, delivering sweet natural gas to the facility. At the inlet of the facility, these pipelines will be routed to the inlet slug catcher where condensate is separated and routed to the NGL stabilizers to produce Y-Grade NGL product. Gas from the slug catcher will feed each of the three (3) cryo trains. Each cryo train will have a dedicated amine unit (AU1-AU3) to remove CO2 and a molecular sieve dehydration unit to remove water. The gas will first be treated using MDEA and piperizine in the amine unit to remove carbon dioxide from the gas streams. In the amine regeneration unit for each train, flash gas from the amine flash tank and amine still will be routed to a thermal oxidizer (TO1-TO3) to destroy hazardous air pollutants (HAPs) and volatile organic compounds (VOCs). In the molecular sieve dehydration units, molecular sieve beds are used as to dehydrate the treated gas. The units are not point sources of emissions and therefore not included in Table 2A. In this two-unit design, one unit operates in dehydration mode while the other operates in regeneration mode. Switching from dehydration to regeneration is done by use of automatic switching valves. As the dehydrated unit becomes saturated with water vapor, it is automatically switched to regeneration mode while the regeneration unit becomes active in dehydration mode. When the beds require regeneration due to saturation, a fired regeneration gas heater (RHTR1-RHTR3) with a maximum heat input rate of 39.14 MMBtu/hr will be used to remove water from the mol sieve beds. Following dehydration, the dry gas is cooled and expanded in the cryo units before being boosted by electric drive residue compressor engines into the sales gas pipeline.

NGL System

Natural gas liquids (NGLs) are gathered from surrounding compressor stations and piped into the facility. These pipelines will be combined with the condensate dropout from the slug catcher. This combined liquid stream will be processed through a two-tower condensate stabilization system to produce a "Y-Grade" NGL and a 9 RVP stabilized spec oil. From the first stabilization tower, the overhead gas will be compressed using electric drive compressor engine and sent to the cryo trains, whereas the liquids will be sent to the second tower to produce Y-Grade NGL. The Y-Grade liquids from the second tower will be stored in pressurized bullets and pumped to the NGL sales pipeline. Any gas from the second tower is routed to the cryo trains. Note that the NGLs from the cryo trains will also be pumped to and exported via the same pipeline. The stabilized oil from the second tower will be pumped to the internal floating roof oil storage tanks (IFR1-IFR4), where it is combined with on-spec oil, then routed to the oil sales pipeline. Heat for the stabilization process is provided by twelve (12) heaters, each with a maximum heat input rate of 64.83 MMBtu/hr (SHTR1-SHTR12).

Oil System

Oil from surrounding batteries will be routed through the oil inlet surge vessel, which provides initial phase separation of oil and water. Any free water dropout will be routed through a 1,000 bbl gunbarrel separator (GBS1). From GBS1, skimmed oil will be sent to the 500 bbl slop oil tank (OTK7) and the heavier water will be sent to 750 bbl produced water tanks (PWTK1-PWTK2). All tanks are gas blanketed. Slop oil will be pumped back to oil stabilization or trucked offsite. Produced water will be transported offsite via pipeline; however, XTO included produced water loading in the permit application.

Under normal circumstances, the oil received at the CDP is sent directly from the inlet surge vessel to IFR1-IFR4 for temporary storage before transporting the oil offsite via pipeline. If the incoming oil RVP does not meet sales specifications, it is sent to the oil stabilization process. Following stabilization, on-spec oil product will be sent to IFR1-IFR4. For flexibility, the

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inlet oil may be blended with the oil stabilization product to create desired product. Flash gas from oil stabilization will be recompressed to liquid and routed to the NGL stabilizers.

In addition to receiving oil at the Husky CDP via pipeline, stabilized oil may also be received from third party operators via truck unloading. Husky is designed to process up to 8,000 BOPD of third party oil via truck unloading. Husky will have truck unloading terminals where the stabilized oil will be routed to OTK1-OTK6. Normal emissions for truck unloading are captured in the combustor by the off gas produced in OTK1-OTK6.

Hot Oil System

Closed-loop natural gas-fired heater hot oil systems will be used to provide process heat to the NGL and oil stabilization packages, as well as the amine and the cryo units. The systems will be packaged units with fired heating, expansion vessel, pumps, and filtration. All NGL stabilizers will be served by a common hot oil loop operating with a 500°F supply temperature. All oil stabilizer will be served by a common hot oil loop operating with a 400°F supply temperature. Supply to each oil/NGL stabilizer hot oil loop will be from 64.83 MMBtu/hr burner packages (SHTR1-SHTR12) and circulation pump skids, which can be set to run at either temperature. Each oil or condensate stabilization package has a nominal maximum duty requirement of 39.14 MMBtu/hr. Each Amine/Cryo train will have its own dedicated hot oil loop operating with a 350°F supply temperature, served by a 103.99 MMBtu/hr burner package (CHTR1-CHTR3) and pump skid with expansion vessel. During operation of Cogen, auxiliary heat for the hot oil system will be provided by the HRSGs on the turbines, not by the heaters. The number and type of heaters operating will depend upon the number of turbines operating,

Flare System

All automated vents and process reliefs will be routed to either the low pressure or high pressure headers for the dual-tip flare system, which consists of three dual-tip flares (FL1-FL3). The flares are permitted to manage pilot, purge, and process vessel SSM gas. Any gas that must be removed from the system during an emergency would also be routed to FL1-FL3. Gas may be routed to one or all of the flares at any given time.

Combustor

A combustor (ECD1) is used collect and dispose of vapors emitted from OTK1-OTK7, GBS1, and PWTK1-PWTK2. The combustor will also control vapors emitted during the loading of slop oil.

Turbines

The Cogen turbines (TUR1-TUR4), equipped with heat recovery steam generators (HRSGs), will be used to provide power to the Husky CDP and other XTO facilities. The HRSGs will replace supplemental heat from the stabilizer and cryo heaters for the Husky facility while in operation.

Emergency Generators

The emergency generators for the CDP portion of the plant (GEN1-GEN5) will be used to power safety-sensitive equipment in the event of grid power outages. The generators for the Cogen portion of the plant (GEN6-GEN8) will be used to black start the turbines in the event of grid power outages.

STATE REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
20.2.1 NMAC	General Provisions	Yes	Facility	General Provisions apply to Notice of Intent, Construction, and Title V permit applications.
20.2.3 NMAC	Ambient Air Quality Standards NMAAQS	Yes	Facility	20.2.3 NMAC is a SIP approved regulation that limits the maximum allowable concentration of Total Suspended Particulates, Sulfur Compounds, Carbon Monoxide and Nitrogen Dioxide.
20.2.7 NMAC	Excess Emissions	Yes	Facility	
20.2.23 NMAC	Fugitive Dust Control	No	N/A	20.2.23.108 APPLICABILITY: B. The following fugitive dust sources are exempt from this part: (3) operations issued permits pursuant to the state of New Mexico Air Quality Control Act, Mining Act or Surface Mining Act; a
20.2.33 NMAC	Gas Burning Equipment - Nitrogen Dioxide	No	N/A	None of the equipment has a heat input greater than 1,000,000 million British Thermal Units per year per unit
20.2.34 NMAC	Oil Burning Equipment: NO ₂	No	N/A	None of the equipment burns oil.
20.2.35 NMAC	Natural Gas Processing Plant – Sulfur	No	N/A	This regulation is not applicable because sulfur emissions from the plant are below the applicability thresholds established in the regulation.
20.2.37 and 20.2.36 NMAC	Petroleum Processing and Petroleum Refineries	N/A	N/A	These regulations were repealed as of 9/12/2016.
20.2.38 NMAC	Hydrocarbon Storage Facility	Yes	IFR1-4, OTK1- 7	The tanks are subject to 109 and 112 due to throughput and storage capacity. Flares are used to comply. IFR1-IFR4 are each equipped with a floating roof while OTK1-OTK7 are controlled using a combustor.
20.2.39 NMAC	Sulfur Recovery Plant - Sulfur	No	N/A	This is not an affected facility.
20.2.61.109 NMAC	Smoke & Visible Emissions	Yes	SHTR1- 12, CHTR1-3, RHTR1-3, FL1-3, ECD1, TO1-3, TUR1-4, GEN1-8	Engines, heaters, and turbines are Stationary Combustion Equipment
20.2.70 NMAC	Operating Permits	Yes	Facility	This site will be a Part 70 source.
20.2.71 NMAC	Operating Permit Fees	Yes	Facility	This site will be a Part 70 source.
20.2.72 NMAC	Construction Permits	Yes	Facility	This permit application requests a Part 72 permit.
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	Facility	The site is subject to inventory reporting.
20.2.74 NMAC	Permits – Prevention of Significant Deterioration (PSD)	Yes	Facility	Under both construction scenarios, this facility is a major PSD source since the potential to emit exceeds 100 tons per year (Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels or Fossil fuel fired boilers totaling more than 250 MMBtu/hr).

STATE REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
20.2.75 NMAC	Construction Permit Fees	Yes	Facility	A permit fee will be paid.
20.2.77 NMAC	New Source Performance	Yes	Units subject to 40 CFR 60	This is a stationary source subject to the requirements of 40 CFR Part 60.
20.2.78 NMAC	Emission Standards for HAPS	No	N/A	There are no affected sources.
20.2.79 NMAC	Permits – Nonattainment Areas	No	N/A	The site is not located in a nonattainment area.
20.2.80 NMAC	Stack Heights	No	N/A	This regulation establishes requirements for the evaluation of stack heights and other dispersion techniques. This regulation does not apply as all stacks at the facility follow good engineering practice.
20.2.82 NMAC	MACT Standards for source categories of HAPS	Yes	Units Subject to 40 CFR 63	This is a stationary source subject to the requirements of 40 CFR Part 63.

FEDERAL REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
40 CFR 50	NAAQS	Yes	Facility	This regulation defines national ambient air quality standards. The facility meets all applicable national ambient air quality standards for NOx, CO, SO ₂ , H ₂ S, PM ₁₀ , and PM _{2.5} under this regulation.
NSPS 40 CFR 60, Subpart A	General Provisions	Yes	Units subject to 40 CFR 60	See discussion of 40 CFR 60 Subparts below.
NSPS 40 CFR60.40a, Subpart Da	Subpart Da, Performance Standards for Electric Utility Steam Units	No	N/A	Emissions from the HRSG duct burners are subject to 40 CFR 60 Subpart KKKK and therefore are exempt from the requirements of Subpart Da.
NSPS 40 CFR60.40b Subpart Db	Electric Utility Steam Generating Units	Yes	CHTR1-3	CHTR1-CHTR3 have an input rating greater than 100 MMBtu/hr and are subject per §60.40b(a). They are exempt from SO2 standards per §60.40b(k)(2). The heater emission rate of 0.0334 lb/MMBtu meets the 60.44b(a) standard for 0.1 lb/MMBtu. There are no PM standards for units burning natural gas. Emissions from the HRSG duct burners are subject to 40 CFR 60 Subpart KKKK and therefore are exempt from the requirements of Subpart Db.
40 CFR 60.40c, Subpart Dc	Standards of Performance for Small Industrial- Commercial- Institutional Steam Generating Units	Yes	SHTR1- 12, RHTR1-3	The heaters have an input rating greater than 10 MMBtu/hr and are subject per \$60.40c(a). Since the units burn only natural gas, there are no applicable control, monitoring, or reporting requirements. Fuel use records are required per \$60.48c(g).

FEDERAL REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
NSPS 40 CFR 60, Subpart Ka	Petroleum Liquids After May 18, 1978, and Prior to July 23, 1984	No	N/A	The hydrocarbons are stored prior to custody transfer.
NSPS 40 CFR 60, Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels After July 23, 1984	Yes	IFR1- IFR4	The hydrocarbons are stored prior to custody transfer but the storage volume is equal to 1,589,875 m3 so the exemption in §60.110b(d) no longer applies. The tanks use internal floating roof tanks to comply with the control requirements.
NSPS 40 CFR 60.330 Subpart GG	Stationary Gas Turbines	No	N/A	The turbines are subject to NSPS KKKK and are exempt from NSPS GG per §60.4305(b).
NSPS 40 CFR 60, Subpart KKK	Leaks of VOC from Onshore Gas Plants	No	N/A	The site will be constructed after 8/23/2011.
NSPS 40 CFR Part 60 Subpart LLL	Standards of Performance for Onshore Natural Gas Processing: SO ₂ Emissions	No	N/A	The site will be constructed after 8/23/2011.
NSPS 40 CFR 60, Subparts WWW, XXX, Cc, and Cf	Standards of performance for Municipal Solid Waste (MSW) Landfills	No	N/A	This is not a MSW landfill.
NSPS 40 CFR 60, Subpart KKKK	Stationary Gas Turbines	Yes	TUR1- TUR4	TUR1-TUR4 are stationary combustion turbines with a heat input at peak load greater than 10 MMBtu/hr (HHV) and commenced construction after February 18, 2005. The units are subject to NSPS KKKK per §60.4305(a). The HRSG duct burners are also subject to the provisions of NSPS KKKK.
NSPS 40 CFR Part 60 Subpart OOOO	Oil and Natural Gas after August 23, 2011 and before September 18, 2015	No	N/A	The site will be constructed after 9/18/15. See NSPS OOOOa discussion below.
NSPS 40 CFR Part 60 Subpart OOOOa	Oil and Natural Gas After September 18, 2015	Yes	FUG, ESTCO MP1-17, EIACO MP1-5, CRYO1- 3, MOL1-3	The electric drive centrifugal compressors for residue gas and regen gas are exempt from §60.5365a(b) since they all use dry seals. The electric drive screw compressors for the refrigeration gas are exempt from the definition of centrifugal compressor per §60.5430a. The reciprocating compressors used for stabilization gas and instrument air are subject to rule per from §60.5365a(c). The storage tanks were constructed after the applicability date of the rule; however, since emissions will be limited by permit to less than 6 tpy, the tanks are exempt per §60.5365a(e). The site uses compressed air for pneumatic controllers. The site will be subject to leak monitoring from fugitive components per §60.5365a(f). Since the sweetening units process less than 2 lt/d of sulfur, they are exempt for §60.5365a(g).
NSPS 40 CFR 60 Subpart IIII	Stationary Compression Ignition Engines	No	N/A	The facility does not operate any affected sources.
NSPS 40 CFR Part 60 Subpart JJJJ	Stationary Spark Ignition Internal Combustion Engines	No	N/A	The facility does not operate any affected sources.
NSPS 40 CFR 60 Subpart TTTT	Greenhouse Gas Emissions for Electric Generating Units	No	N/A	The turbines are exempt since they meet only one of the applicability criteria of §60.5509(a). Power will not be sold to a utility distribution system.

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FEDERAL REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
NSPS 40 CFR 60 Subpart UUUU	GHG Emissions and Compliance Times for EGUs	No	N/A	Per §60.5710a, this subpart applies to Governors of States with one or more designated facilities.
NESHAP 40 CFR 61 Subpart A	General Provisions	No	N/A	There are no affected sources.
NESHAP 40 CFR 61 Subpart E	National Emission Standards for Mercury	No	N/A	This facility does not process mercury ore to recover mercury, use mercury chlor- alkali cells to produce chlorine gas and alkali metal hydroxide, and incinerate or dry wastewater treatment plant sludge.
NESHAP 40 CFR 61 Subpart V	National Emission Standards for Equipment Leaks	No	N/A	The facility does not have equipment that operates in volatile hazardous air pollutant (VHAP) service [40 CFR Part 61.240].
MACT 40 CFR 63, Subpart A	General Provisions	Yes	Units Subject to 40 CFR 63	See discussion of 40 CFR 63 Subparts below.
MACT 40 CFR 63.760 Subpart HH	Oil and Natural Gas Production Facilities	No	N/A	As a major source of HAP, sources potentially subject to HH include storage vessels with flash emissions, fugitive components, and compressors in VHAP service ((see §63.760(b)(1)(ii), (iii), and (iv)). Fugitives and compressors are exempt per §63.769(b) since they are subject to NSPS OOOO. Storage vessels use a closed vent system connected to a combustor to comply with §63.766(b).
MACT 40 CFR 63 Subpart HHH	Natural Gas Transmission and Storage Facilities	No	N/A	This regulation does not apply as the plant is not a natural gas transmission and storage facility as defined by the subpart (§63.1270(a)).
40 CFR 63 Subpart DDDDD	Boilers & Process Heaters	Yes	SHTR1- 12, RHTR1- 3, CHTR1-3	Per §63.7500(e), boilers and heaters designed to burn gas 1 fuels must comply with work practice standards in Table 3 and does not have emission or operating limits.
MACT 40 CFR 63 Subpart UUUUU	Coal & Oil Fire Electric Utility Steam Generating Unit	No	N/A	There are no affected sources.
MACT 40 CFR 63 Subpart YYYY	Turbine MACT	Yes	TUR1-4	The turbines are subject to Subpart YYYY rule per §63.6085. Formaldehyde emissions are less than 91 ppb. See the Cogeneration Turbines VOC and HAP Emissions Summary (p. 87 of PDF application).
MACT 40 CFR 63 Subpart ZZZZ	RICE MACT	No	N/A	There are no affected sources.
MACT 40 CFR 63 Subpart JJJJJJ	Boilers and Process Heaters	No	N/A	The units are exempt per §63.1195(e) since they burn natural gas.
40 CFR 64	CAM	Yes	TUR1-4, AU1-3, OTK1-6	These sources will be subject to CAM and will be addressed during the Title V permitting process.
40 CFR 68	Accident Prevention	No	N/A	The facility will not store more than the regulated quantity of regulated substances.
Acid Rain 40 CFR 72	Acid Rain	No	N/A	The facility does not generate commercial electric power.
Acid Rain 40 CFR 73	Sulfur Dioxide Allowance	No	N/A	The facility does not generate commercial electric power.
Acid Rain 40 CFR 75	CEMS	No	N/A	The facility does not generate commercial electric power
Acid Rain 40 CFR 76	Acid Rain	No	N/A	The facility does not generate commercial electric power.

FEDERAL REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
Title VI – 40 CFR 82	Protection of Stratospheric Ozone	No	N/A	The regulation is not applicable per §40 CFR Part 82.1(a) because the facility does not service, maintain or repair class I or class II appliances.