

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-129
Revised August 1, 2011

Submit one copy to appropriate
District Office

NFO Permit No. _____
(For Division Use Only)

APPLICATION FOR EXCEPTION TO NO-FLARE RULE 19.15.18.12

(See Rule 19.15.18.12 NMAC and Rule 19.15.7.37 NMAC)

- A. Applicant Marathon Oil Permian LLC ("Marathon"), whose address is 5555 San Felipe St., Houston, TX 77002, hereby requests an exception to Rule 19.15.18.12 for the following described location:

See Attachment 1.

- B. Based upon oil production of See Attachment 1 barrels per day, the estimated * volume of gas to be flared and vented is See Attachment 1 MCF.

- C. Name and location of nearest gas gathering facility: NA

- D. Distance: NA Estimated cost of connection: N/A

- E. This exception is requested for the following reasons:

*Attachment list
to small to read
only p 8 to 40
30.025-46043*

For the attached list of locations, casinghead production gas will be sold via pipeline. The vapors emitted from oil volumes that require exemption are those vapors emitted from oil as the oil passes into facilities equipment. These are low volumes, which amount to approximately .054 – .064 Mcf/barrel oil and it is not economic to install equipment to capture the vapors. Marathon seeks an exception to Rule 19.15.18.12 NMAC to vent and flare these vapors that form after the casinghead gas is separated and metered, as described. It is estimated that See Attachment 1 Mcf will be vented or flared annually from each location on the attached list.

OPERATOR

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature Adrian Covarrubias

Printed Name & Title CTR - Technician HES

E-mail Address acovarrubias@marathonoil.com

Date 12/18/2018 Telephone No. 713-296-3368

OIL CONSERVATION DIVISION

Approved Until 01/03/20

By [Signature]
Title Petroleum Engineer

Date 01/03/20

* Gas-Oil ratio test may be required to verify estimated gas volume.

MARATHON OIL PERMIAN LLC
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December 2018

Well	API	Pool	Pool Code	Facility Location	Number of Wells Producing into Facility	Oil Production (Avg. BOPD)	Gas to be Flared or Vented (MCFD)	Annual Flared or Vented Volume (MCF/Year)
Abe State 1H	30-025-44043	WC-025 G-07 S213330F; BONE SPRING	97927	B-32-21S-33E	1	502	32	11,727
ABE STATE #002H	30-025-42066	WC-025 G-07 S213330F; BONE SPRING	97927	P-29-21S-33E	3	31	2	733
ABE STATE #003H	30-025-42230	WC-025 G-07 S213330F; BONE SPRING	97927	A-32-21S-33E		18	1	417
ABE UNIT #002	30-025-34146	LEGG; ATOKA-MORROW (GAS)	80120	H-29-21S-33E		0	0	0
ANGELL #001	30-025-37902	LOVINGTON; GRAYBURG-SAN ANDRES	40580	A-11-17S-36E	1	18	1	412
		LOVINGTON; PADDOCK	40660					
ANGELL #003	30-025-39690	LOVINGTON; GRAYBURG-SAN ANDRES	40580	H-11-17S-36E	1	0	0	0
ANGELL B #002	30-025-39076	LOVINGTON; GRAYBURG-SAN ANDRES	40580	B-11-17S-36E	1	23	1	545
		LOVINGTON; PADDOCK	40660					
BATTLE #001H	30-025-41364	WC-025 G-06 S213326D; BONE SPRING	97929	A-34-21S-33E	2	83	5	1,938
BATTLE #002H	30-025-42009	WC-025 G-06 S213326D; BONE SPRING	97929	O-27-21S-33E		45	3	1,060
BATTLE 34 AV FEE #017H	30-025-45356	WC-025 G-06 S213326D; BONE SPRING	97929	B-34-21S-33E	5	524	34	12,241
BATTLE 34 SB FEE #015H	30-025-45355	WC-025 G-06 S213326D; BONE SPRING	97929	B-34-21S-33E		502	32	11,727
BATTLE 34 WC FEE #013H	30-025-45354	WC-025 G-10 S2133280; WOLFCAMP	98033	B-34-21S-33E		485	31	11,330
BATTLE 34 WC FEE #020H	30-025-45358	WC-025 G-10 S2133280; WOLFCAMP	98033	B-34-21S-33E		485	31	11,330
BATTLE 34 WD FEE #019H	30-025-45357	WC-025 G-09 S243232M; BONE SPRING	98093	B-34-21S-33E		485	31	11,330
BECKHAM 19 #001	30-025-37080	JABALINA; STRAWN, SOUTHWEST (GAS)	97332	I-19-26S-35E	1	15	1	342
BLUEBERRY HILL FEE 24 35 19 TB #003H	30-025-44662	WC-025 G-09 S243532M; WOLFBONE	98098	G-19-24S-35E	5	759	49	17,730
BLUEBERRY HILL FEE 24 35 19 TB #010H	30-025-44663	WC-025 G-09 S243532M; WOLFBONE	98098	H-19-24S-35E		759	49	17,730
BLUEBERRY HILL FEE 24 35 19 WA #005H	30-025-44664	WC-025 G-09 S243532M; WOLFBONE	98098	G-19-24S-35E		824	53	19,249
BLUEBERRY HILL FEE 24 35 19 WA #006H	30-025-44665	WC-025 G-09 S243532M; WOLFBONE	98098	H-19-24S-35E		824	53	19,249
BLUEBERRY HILL FEE 24 35 19 WXY #004H	30-025-44666	WC-025 G-09 S243532M; WOLFBONE	98098	H-19-24S-35E		824	53	19,249
BOBWHITE 11 STATE #001	30-025-40235	QUAIL; QUEEN	50450	F-11-19S-34E	1	3	0	58
DEE BOOT FEE 24 34 26 TB #007H	30-025-44165	RED HILLS; BONE SPRING, NORTH	96434	A-26-24S-34E	4	798	51	18,634
DEE BOOT FEE 24 34 26 WA #006H	30-025-44212	ANTELOPE RIDGE; WOLFCAMP	2220	A-26-24S-34E		940	60	21,960
DEE BOOT FEE 24 34 26 WXY #003H	30-025-44162	ANTELOPE RIDGE; WOLFCAMP	2220	A-26-24S-34E		1,120	72	26,169
DEE BOOT FEE 24 34 26 WXY #019H	30-025-44163	ANTELOPE RIDGE; WOLFCAMP	2220	A-26-24S-34E		1,030	66	24,060
FLOWMASTER 24 34 15 SB #004H	30-025-43666	RED HILLS; BONE SPRING, NORTH	96434	D-15-24S-34E	3	687	44	16,046
FLOWMASTER FEE 24 34 15 TBU #005H	30-025-44164	RED HILLS; BONE SPRING, NORTH	96434	D-15-24S-34E		465	30	10,862
FLOWMASTER 24 34 15 SB #008H	30-025-43667	RED HILLS; BONE SPRING, NORTH	96434	D-15-24S-34E		433	28	10,122
		ANTELOPE RIDGE; WOLFCAMP	2220					
FLOWMASTER FEE 24 34 15 TB #007H	30-025-44685	RED HILLS; BONE SPRING, NORTH	96434	D-15-24S-34E	3	562	36	13,128
FLOWMASTER FEE 24 34 15 WA #006H	30-025-44683	ANTELOPE RIDGE; WOLFCAMP	2220	D-15-24S-34E		658	42	15,371
FLOWMASTER FEE 24 34 15 WD #003H	30-025-44688	ANTELOPE RIDGE; WOLFCAMP	2220	D-15-24S-34E		448	29	10,465
FLOWMASTER FEE 24 34 15 TB #010H	30-025-44684	RED HILLS; BONE SPRING, NORTH	96434	N-15-24S-34E	4	562	36	13,128
FLOWMASTER FEE 24 34 15 TBU #009H	30-025-44686	RED HILLS; BONE SPRING, NORTH	96434	N-15-24S-34E		434	28	10,138
FLOWMASTER FEE 24 34 15 WA #014H	30-025-44687	ANTELOPE RIDGE; WOLFCAMP	2220	N-15-24S-34E		658	42	15,371
FLOWMASTER FEE 24 34 15 WXY #002H	30-025-44689	ANTELOPE RIDGE; WOLFCAMP	2220	N-15-24S-34E		658	42	15,371
GETTY 25 STATE #001	30-025-27010	GRAMA RIDGE; MORROW, EAST (GAS)	77690	N-25-21S-34E	1	0	0	0
GETTY 35 STATE COM #001	30-025-25824	GRAMA RIDGE; LOWER BONE SPRING, EAST	28440	K-35-21S-34E	1	0	0	0
		GRAMA RIDGE; STRAWN, EAST (GAS)	77706					
GETTY 35 STATE COM #002	30-025-26705	GRAMA RIDGE; MORROW, EAST (GAS)	77690	H-35-21S-34E	1	0	0	0

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GETTY 36 STATE COM #001	30-025-26236	GRAMA RIDGE; MORROW, EAST (GAS)	77690	F-36-21S-34E	1	0	0	0
		GRAMA RIDGE; WOLFCAMP (GAS)	77710					
GRAMA RIDGE 8 STATE #001	30-025-30046	GRAMA RIDGE; MORROW (GAS)	77680	H-08-22S-34E	1	11	1	260
GRAMA RIDGE 8 STATE #004H	30-025-43609	GRAMA RIDGE; WOLFCAMP, WEST	97393	P-08-22S-34E	1	568	36	13,268
GRAMA RIDGE 8 STATE COM #002H	30-025-43607	GRAMA RIDGE; BONE SPRINGS, WEST	28432	O-08-22S-34E	3	301	19	7,032
GRAMA RIDGE 8 STATE COM #003H	30-025-43608	GRAMA RIDGE; BONE SPRINGS, WEST	28432	P-08-22S-34E		317	20	7,410
GRAMA RIDGE 8 STATE COM #005H	30-025-43610	GRAMA RIDGE; BONE SPRINGS, WEST	28432	O-08-22S-34E		409	26	9,545
GRAMA RIDGE STATE COM #013H	30-025-43620	GRAMA RIDGE; BONE SPRING, NE	28435	O-02-22S-34E	3	262	17	6,120
GRAMA RIDGE STATE COM #005H	30-025-43616	GRAMA RIDGE; BONE SPRING, NE	28435	O-02-22S-34E		458	29	10,699
GRAMA RIDGE STATE COM #006H	30-025-43617	GRAMA RIDGE; BONE SPRING, NE	28435	O-02-22S-34E		707	45	16,516
GRAMA RIDGE STATE COM #007H	30-025-43618	GRAMA RIDGE; BONE SPRING, NE	28435	P-02-22S-34E	3	180	12	4,205
GRAMA RIDGE STATE COM #008H	30-025-43619	GRAMA RIDGE; BONE SPRING, NE	28435	P-02-22S-34E		824	53	19,249
GRAMA RIDGE STATE COM #014H	30-025-43621	GRAMA RIDGE; BONE SPRING, NE	28435	P-02-22S-34E		262	17	6,120
GRAMA RIDGE STATE COM #009H	30-025-43622	GRAMA RIDGE; BONE SPRING, NE	28435	N-36-21S-34E	2	446	29	10,419
GRAMA RIDGE STATE COM #010H	30-025-43623	GRAMA RIDGE; BONE SPRING, NE	28435	N-36-21S-34E		446	29	10,419
GRAMA RIDGE STATE COM #011H	30-025-43624	GRAMA RIDGE; BONE SPRING, NE	28435	P-36-21S-34E	2	779	50	18,197
GRAMA RIDGE STATE COM #012H	30-025-43625	GRAMA RIDGE; BONE SPRING, NE	28435	P-36-21S-34E		779	50	18,197
GRAMBLING STATE COM #001	30-025-02807	SHOE BAR; MORROW, SOUTH (GAS)	85220	A-34-16S-35E	1	0	0	0
HULDA #001	30-025-35052	TOWNSEND; STRAWN	59848	N-04-16S-35E	1	10	1	226
JACKSON 5 #001	30-025-28574	SCHARB; BONE SPRING	55610	F-05-19S-35E	1	54	3	1,254
KNIFE FIGHT FEE T #001H	30-025-43794	WC-02S G-09 S253402N; WOLFCAMP	98116	B-26-24S-34E	1	448	29	10,465
LSA #001	30-025-20726	DOUBLE A; ABO, SOUTH	19050	G-30-17S-36E	2	1	0	23
LSA #002	30-025-29202	DOUBLE A; ABO, SOUTH	19050	G-30-17S-36E		1	0	23
MADERA 36 STATE #001	30-025-36087	JABALINA; STRAWN, SOUTHWEST (GAS)	97332	A-36-26S-34E	1	5	0	114
MIDWAY 22 STATE #001H	30-025-40730	MIDWAY; BONE SPRING	46310	B-22-17S-36E	1	20	1	474
MOBIL STATE #001	30-025-29204	LEA; BONE SPRING	37570	J-02-20S-34E	2	2	0	47
		LEA; DELAWARE, NORTHEAST	37584					
NIGHTHAWK STATE COM #001H	30-025-41519	AIRSTRIIP; BONE SPRING	960	D-29-18S-35E	1	28	2	658
NIGHTHAWK STATE COM #003H	30-025-41950	AIRSTRIIP; BONE SPRING	960	O-20-18S-35E	1	27	2	619
PECOS PUB STATE #001	30-025-40610	BAGLEY; PERMO PENN, NORTH	3820	J-27-11S-33E	1	8	0	178
RAPTOR WEST 3 STATE #001	30-025-36680	SCHARB; BONE SPRING	55610	J-03-19S-34E	1	14	1	333
		AIRSTRIIP; WOLFCAMP, SOUTHWEST	97339					
RAPTOR WEST 3 STATE #002H	30-025-41186	SCHARB; BONE SPRING	55610	P-03-19S-34E	2	51	3	1,201
RAPTOR WEST 3 STATE #004H	30-025-42173	SCHARB; BONE SPRING	55610	P-03-19S-34E		97	6	2,264
RATTLETRAP #001	30-025-38373	ANDERSON RANCH; GRAYBURG, WEST	1560	H-18-16S-32E	1	5	0	119
		MESA; QUEEN (ASSOC)	45709					
		GRAYBURG JACKSON; SR-Q-G-SA	28509					
ROCK LAKE #001	30-025-27233	JALMAT; TAN-YATES-7 RVRS (OIL)	33820	H-15-22S-35E	1	1	0	19
SAN SIMON 2 STATE #001	30-025-26772	GRAMA RIDGE; MORROW, EAST (GAS)	77690	H-02-22S-34E	1	0	0	0
SANTO STATE #001	30-025-35833	OSUDO; MORROW (GAS)	82120	11-05-21S-35E	1	0	0	0
SHOE BAR 4 STATE #001	30-025-35199	SHOE BAR; ATOKA (GAS)	85210	H-04-17S-35E	1	0	0	0

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STATE K #002	30-025-00977	LANE; ABO	36671	1-02-10S-33E	1	0	0	0
STATE K #003	30-025-30646	LANE; ABO	36671	H-02-10S-33E	1	0	0	0
STETSON #001	30-025-31348	CAPROCK; ATOKA, EAST (GAS)	96657	G-26-12S-32E	1	7	0	160
THUNDERBIRD WCA STATE COM #001H	30-025-44010	HARDIN TANK; WOLFCAMP	96658	D-36-25S-34E	1	0	0	0
TONTO 14 STATE #001	30-025-29152	AIRSTRIP; BONE SPRING, NORTH	962	L-14-18S-34E	1	1	0	23
TONTO 15 STATE #001	30-025-28897	AIRSTRIP; BONE SPRING, NORTH	962	I-15-18S-34E	1	10	1	222
TONTO 15 STATE #002	30-025-29908	AIRSTRIP; BONE SPRING, NORTH	962	H-15-18S-34E	1	1	0	16
TONTO STATE #001	30-025-26982	GEM; DELAWARE	27250	J-32-19S-33E	1	2	0	47
WARREN STATE #001	30-025-34034	DENTON; DEVONIAN, SOUTH	16930	P-35-15S-37E	1	0	0	0