

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 250269

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056		2. OGRID Number 372098
4. Property Code 320806		3. API Number 30-015-44850
5. Property Name MARINER FEE 23 28 19 TB		6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	18	23S	28E		665	S	1732	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	19	23S	28E	O	330	S	1986	E	Eddy

9. Pool Information

CULEBRA BLUFF;BONE SPRING, SOUTH	15011
----------------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3066
16. Multiple N	17. Proposed Depth 14263	18. Formation Bone Spring	19. Contractor	20. Spud Date 4/2/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	400	412	0
Int1	12.25	9.625	36	2500	742	0
Prod	8.75	5.5	20	14263	2705	0

Casing/Cement Program: Additional Comments

--

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	Shaffer
Double Ram	10000	5000	Shaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Melissa Szudera	Approved By: Raymond Podany
Title: Regulatory Compliance Representative	Title: Geologist
Email Address: mszudera@marathonoil.com	Approved Date: 3/30/2018 Expiration Date: 3/30/2020
Date: 3/29/2018 Phone: 701-260-7272	Conditions of Approval Attached

Bill of Sale Receipt
 George, Winston & National Insurance Dependants
 408 COLUMBIA ST. FARMER, VA
 42438-0000
 408 COLUMBIA ST. FARMER, VA
 42438-0000

Serial number: 981
Model number: 981
① description:

WILL LOW SYSTEMS INC. SERIAL NUMBER 981

② **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

③ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒	㉓	㉔	㉕	㉖	㉗	㉘	㉙	㉚	㉛	㉜	㉝	㉞	㉟	㊱	㊲	㊳	㊴	㊵	㊶	㊷	㊸	㊹	㊺	㊻	㊼	㊽	㊾	㊿																																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

① **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

② **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

③ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

④ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

⑤ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

⑥ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

⑦ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

⑧ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

⑨ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

⑩ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

⑪ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

⑫ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

⑬ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

⑭ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

⑮ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

⑯ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

⑰ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

⑱ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

⑲ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

⑳ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㉑ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㉒ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㉓ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㉔ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㉕ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㉖ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㉗ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㉘ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㉙ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㉚ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㉛ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㉜ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㉝ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㉞ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㉟ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㊱ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㊲ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㊳ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㊴ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㊵ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㊶ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㊷ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㊸ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㊹ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㊺ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㊻ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㊼ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

㊽ **DESCRIPTION:** WILL LOW SYSTEMS INC. SERIAL NUMBER 981

㊾ **DATE:** 10/1/98 **BUYER:** BILLY J. JOHNSON (FNU)

㊿ **SELLER:** WILL LOW SYSTEMS INC. 10000 N. 10TH AVE. SUITE 100
 MINNETONKA, MN 55345-4400

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 250269

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44850
		Well: MARINER FEE 23 28 19 TB #002H

Created By	Comment	Comment Date
jvancuren	FTP IS 330' FNL & 1984' FEL; 32.29710196, -104.12545467 Directional and C-102 will be emailed.	3/26/2018
jvancuren	GCP will be emailed	3/29/2018

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Conditions

Permit 250269

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44850
		Well: MARINER FEE 23 28 19 TB #002H

OCD Reviewer	Condition
rpodany	Will require a directional survey with the C-104
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing