

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-101
Revised July 18, 2013

HOBBS OGD
APR 11 2019
RECEIVED

AMENDED REPORT

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

¹ Operator Name and Address MANZANO, LLC P.O. BOX 2107 ROSWELL, NM		² OGRID Number 231429
		³ APIN Number 30-025-34100
⁴ Property Code 21153 325375	⁵ Property Name HODGE	⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	27	12S	38E		495	SOUTH	495	WEST	LEA

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	27	12S	38E		625	SOUTH	517	WEST	LEA

⁹ Pool Information

¹⁰ Pool Name Trinity Wolfcamp SWD: DEVONIAN	¹¹ Pool Code 96101
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Additional Well Information

¹² Work Type E	¹³ Well Type S	¹⁴ Cable/Rotary R	¹⁵ Lease Type P	¹⁶ Ground Level Elevation 3807
¹⁷ Multiple NO	¹⁸ Proposed Depth 12,190	¹⁹ Formation DEVONIAN	²⁰ Contractor	²¹ Spud Date 9-18-97
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

SWD-1887

²² Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17.5	13.375	48# H-40	395	450SX	CIRCULATED
INTERMEDIATE	12.25 TO 2699 11.00 TO 4510	8.625	32# J-55 & S-80	4509	1400SX	CIRCULATED
PRODUCTION	7.875	5.5	17# N-80 & MAV 95	12,133	850SX	8030

Casing/Cement Program: Additional Comments

Re-entry: Surface/Intermediate and Production are existing-drill out plugs and test production casing

²³ Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	2500	

²⁴ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMACE and/or 19.15.14.9 (B) NMACE, if applicable. Signature: <i>Mike Manzano</i>		OIL CONSERVATION DIVISION	
Printed name: <i>Mike Manzano</i>		Approved By: <i>[Signature]</i>	
Title: <i>Manager</i>		Title: <i>Petroleum Engineer</i>	
E-mail Address: <i>mike@manzanoenergy</i>		Approved Date: <i>04/15/19</i> Expiration Date: <i>04/15/21</i>	
Date: <i>3/28/19</i>	Phone: <i>505-623-1996 ext 310</i>	Conditions of Approval Attached	

MUST NOTIFY NMACE PRIOR TO MIT
CAN NOT INTEREST PRIOR TO PASSING
MIT