

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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 232578

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

1. Operator Name and Address BLACK MOUNTAIN OPERATING LLC 500 Main Street Fort Worth, TX 76102		2. OGRID Number 371127
4. Property Code 317452		3. API Number 30-015-44085
5. Property Name HENRY GRANDI		6. Well No. 002H

7. Surface Location

UL - Lot	P	Section	26	Township	22S	Range	27E	Lot Idn	P	Feet From	1093	N/S Line	S	Feet From	191	E/W Line	E	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	---	-----------	------	----------	---	-----------	-----	----------	---	--------	------

8. Proposed Bottom Hole Location

UL - Lot	M	Section	26	Township	22S	Range	27E	Lot Idn	M	Feet From	709	N/S Line	S	Feet From	330	E/W Line	W	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	---	-----------	-----	----------	---	-----------	-----	----------	---	--------	------

9. Pool Information

CARLBAD EAST;WOLFCAMP (GAS)	74160
-----------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3074
16. Multiple N	17. Proposed Depth 14000	18. Formation Wolfcamp	19. Contractor	20. Spud Date 6/1/2017
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	1750	1500	0
Int1	12.25	9.65	40	7300	1740	0
Prod	8.75	5.5	20	14000	1015	6800

Casing/Cement Program: Additional Comments

--

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3500	3500	
Double Ram	5000	5000	

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 Michael McCracken	Approved By: Raymond Podany
Title: COO	Title: Geologist
Email Address: michael.mccracken@blackmtn.com	Approved Date: 3/7/2017 Expiration Date: 3/7/2019
Date: 3/2/2017 Phone: 817-698-9901	Conditions of Approval Attached

[illegible]

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) 476-3482

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 232578

PERMIT COMMENTS

Operator Name and Address: BLACK MOUNTAIN OPERATING LLC [371127] 500 Main Street Fort Worth, TX 76102	API Number: 30-015-44085
	Well: HENRY GRANDI #002H

Created By	Comment	Comment Date
------------	---------	--------------

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 476-3482

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 232578

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: BLACK MOUNTAIN OPERATING LLC [371127] 500 Main Street Fort Worth, TX 76102	API Number: 30-015-44085
	Well: HENRY GRANDI #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