

OCT 17 2017

RECEIVED AMENDED REPORT

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

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

Operator Name and Address Cimarex Energy Co. 202 S. Cheyenne Ave., Suite 1000 Tulsa, OK 74103		OGRID Number 215099
Property Code 319766		API Number 30-015- 44489
Property Name Freedom 36 State SWD		Well No. 14

Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	36	24S	26E		1300'	South	660'	West	Eddy

Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

Pool Information

Pool Name SWD: Devonian-Silurian (C-108 filed with Santa Fe OCD Office)	Pool Code 97869
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Additional Well Information

Work Type New Drill	Well Type S	Cable/Rotary	Lease Type State	Ground Level Elevation 3387'
Multiple N/A	Proposed Depth 14,250'	Formation Devonian-Silurian	Contractor	Spud Date 2/1/2018
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	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26"	20"	94#	450'	603 Sacks	Surface
Intermediate 1	17 1/2"	13 3/8"	61#	2100'	1200 Sacks	Surface
Intermediate 2	12 1/4"	9 5/8"	40#	10105'	1624 Sacks	Surface
Production	8 3/4"	7"	29#	12750'	1812 Sacks	Surface

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	Cameran
Double Ram	3000	3000	Cameran
Double Ram	5000	5000	Cameran

23. 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) NMAC and/or 19.15.14.9 (B) NMAC if applicable.
Signature: *Amithy Crawford*
Printed name: Amithy Crawford
Title: Regulatory Analyst
E-mail Address: acrawford@cimarex.com
Date: 10/16/2017 Phone: 432-620-1909

OIL CONSERVATION DIVISION

Approved By: *Raymond W. Rodary*
Title: *Ecologist*
Approved Date: *10/19/17* Expiration Date: *10/19/19*
Conditions of Approval Attached

Needs Approved C108