

**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  
**NM OIL CONSERVATION**  
ARTESIA DISTRICT Energy Minerals and Natural Resources

Form C-101  
Revised July 18, 2013

OCT 13 2015 Oil Conservation Division

AMENDED REPORT

RECEIVED

1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

<sup>1</sup> Operator Name and Address BC Operating, Inc. P.O. Box 50820 Midland, Texas 79710		<sup>2</sup> OGRID Number 160825
<sup>3</sup> Property Code 315314	<sup>4</sup> Property Name Man Cave 7 State Com	<sup>5</sup> APN Number 30-015-43449
		<sup>6</sup> Well No. 3H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	6	23S	26E		270	South	1700	East	Eddy

**\* Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	7	23S	26E		240	South	1700	East	Eddy

**9. Pool Information**

<sup>7</sup> Pool Name WC-015 S2326 060	<sup>8</sup> Well Name <del>Wolfcamp</del> (GAS)	<sup>9</sup> Well Code 98170
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**Additional Well Information**

<sup>11</sup> Work Type New Well	<sup>12</sup> Well Type Gas	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type State	<sup>15</sup> Ground Level Elevation 3415'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 14,496' MD/9050' TVD	<sup>18</sup> Formation Wolfcamp	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date 05/01/2016
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
Surface	16"	13 3/8"	48#	400'	400	0'
Intermediate	12 1/4"	9 5/8"	40#	5100'	1400	0'
Production	8 3/4"	5 1/2"	17#	14,196'	1800	5000'

**Casing/Cement Program: Additional Comments**

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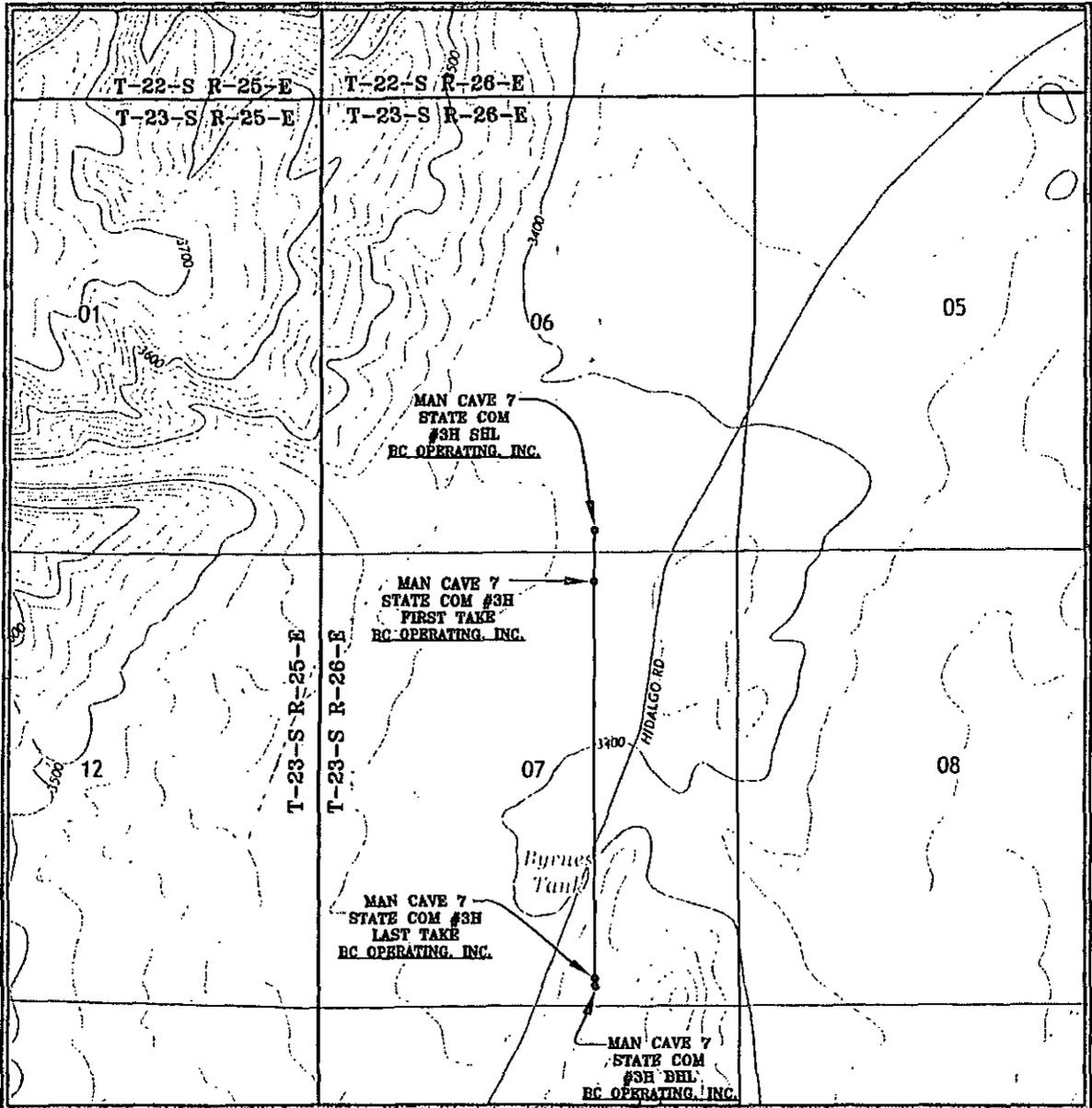
**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram Annular	3000#	2000#	Hydrill/Shaeffer

<sup>23</sup> 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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: Pam Stevens Printed name: Pam Stevens Title: Regulatory Analyst E-mail Address: pstevens@bcoperating.com Date: 09/30/2015	OIL CONSERVATION DIVISION	
	Approved By: <i>RD Dade</i>	
	Title: <i>Dist II Supervisor</i>	
	Approved Date: <i>11/5/2015</i>	Expiration Date: <i>11/5/2017</i>
	Conditions of Approval Attached	
Date: 09/30/2015	Phone: 432-684-9696	



# LOCATION VERIFICATION MAP

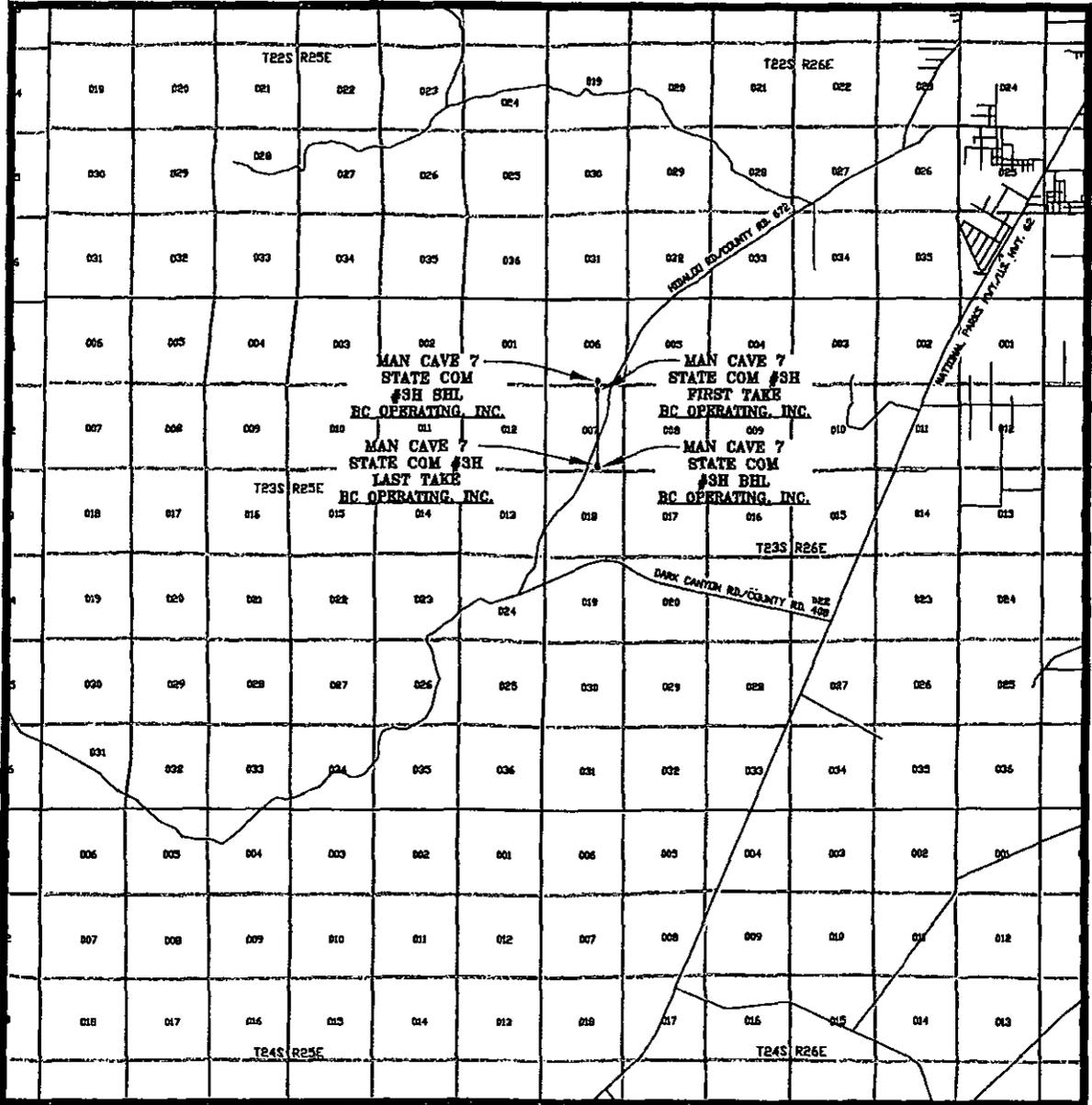


SEC. 6 TWP. 23 S RGE. 26 E  
 SURVEY: N.M.P.M.  
 COUNTY: EDDY  
 DESCRIPTION: 270' FSL & 1700' FEL  
 ELEVATION: 3415'  
 OPERATOR: B.C. OPERATING, INC.  
 LEASE: MAN CAVE 7 STATE COM  
 U.S.G.S. TOPOGRAPHIC MAP: KITCHEN COVE, N.M.

SCALE: 1" = 2000'  
 CONTOUR INTERVAL = 20'

PREPARED BY:  
 R-SQUARED GLOBAL, LLC  
 1309 LOUISVILLE AVENUE, MONROE, LA 71201  
 318-323-6900 OFFICE  
 JOB No. R3588\_003

# VICINITY MAP



SEC. 6 TWP. 23 S RGE. 26 E  
 SURVEY: N.M.P.M.  
 COUNTY: EDDY  
 DESCRIPTION: 270' FSL & 1700' FEL  
 ELEVATION: 3415'  
 OPERATOR: B.C. OPERATING, INC.  
 LEASE: MAN CAVE 7 STATE COM  
 U.S.G.S. TOPOGRAPHIC MAP: KITCHEN COVE, N.M.

SCALE: 1" = 2 MILES

PREPARED BY:  
 R-SQUARED GLOBAL, LLC  
 1309 LOUISVILLE AVENUE, MONROE, LA 71201  
 318-323-8800 OFFICE  
 JOB No. R3688\_003

NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST  
ARTESIA, NM 88210  
(575)748-1283

CONDITIONS OF APPROVAL:

NAME OF OPERATOR: BC Operating  
WELL NAME & NUMBER: MAN CAVE 7 state COM 3H  
30-015- 93449

1. Trucking companies being used to haul oilfield waste to disposal facilities - commercial or private- shall have an approved NMOCD.C-133 Permit. A copy of this permit shall be available in each truck used to transport waste products. It is the responsibility of the operator as well as the contractor to verify that this permit is in place. Drivers shall make permit available upon request of an OCD inspector. It is the responsibility of the operator to see to it that waste from their wells is being disposed of in a proper manner.
2. Once well is spud, to prevent groundwater contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the freshwater zone or zones and shall immediately set in cement the water protection string.

INITIALS RD  
DATE 11/5/15