

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

NM OIL CONSERVATION State of New Mexico
ARTESIA DISTRICT
Energy Minerals and Natural Resources
OCT 13 2015
Oil Conservation Division
RECEIVED 1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

AMENDED REPORT

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

¹ Operator Name and Address BC Operating, Inc. P.O. Box 50820 Midland, Texas 79710		⁴ OGRID Number 160825
⁵ Property Code 315313		³ Property Name Man Cave 6 State
		⁶ Well No. IH
		⁷ API Number 30-015-43445

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
1	7	23S	26E		212	North	300	West	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
4	6	23S	26E		240	North	360	West	Eddy

9. Pool Information

¹⁰ Pool Name Wildcat, Wolfcamp (6AS)	¹¹ Pool Code 98170
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Additional Well Information

¹² Work Type New Well	¹³ Well Type Gas	¹⁴ Cable/Rotary Rotary	¹⁵ Lease Type State	¹⁶ Ground Level Elevation 3441'
¹⁷ Multiple No	¹⁸ Proposed Depth 14,084' MD/9000' TVD	¹⁹ Formation Wolfcamp	²⁰ Contractor TBD	²¹ Spud Date 01/01/2016
²² Depth to Ground water		²³ Distance from nearest fresh water well		²⁴ 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#	14,084'	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

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

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-43445		² Pool Code 98170		³ Pool Name WC-015 523260a02 Wildcat; Wolfcamp (GAS)	
⁴ Property Code 315313		⁵ Property Name MAN CAVE 6 STATE			⁶ Well Number 1H
⁷ OGRID No. 160825		⁸ Operator Name B.C. OPERATING, INC.			⁹ Elevation 3441'

¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1/D	7	T23S	R26E		212'	NORTH	300'	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

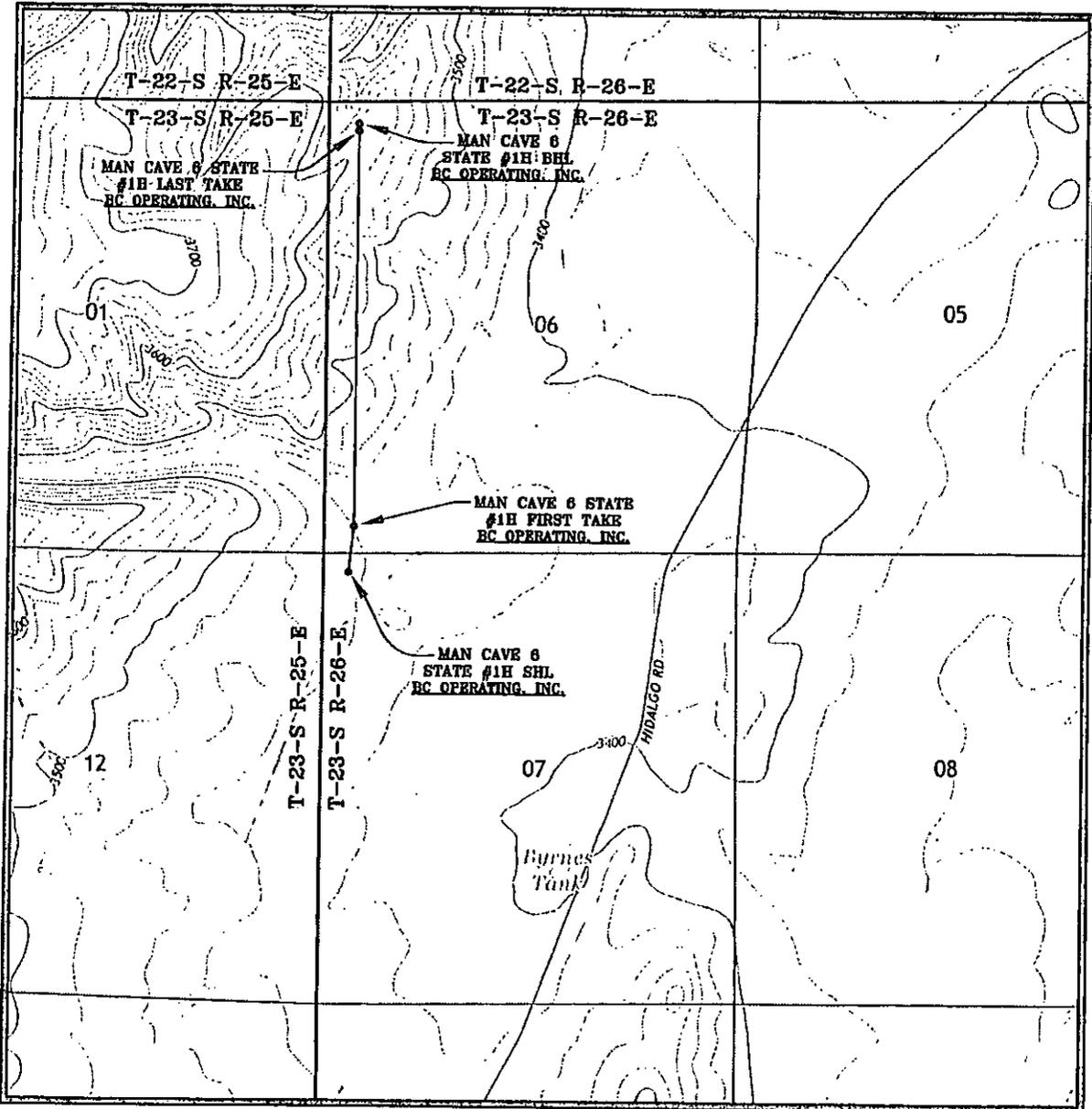
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4/D	6	T23S	R26E		240'	NORTH	360'	WEST	EDDY

¹² Dedicated Acres 320.00	¹³ Joint or Infill 313.48	¹⁴ Consolidation Code (97748)	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 487737.38 / X: 539106.59 B - Y: 487774.24 / X: 541645.91 C - Y: 482416.90 / X: 541589.19 D - Y: 482392.07 / X: 539113.81	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Pam Stevens 09/30/15 Signature Date Pam Stevens Printed Name pstevens@bcoperating.com E-mail Address	
	BOTTOM HOLE LOCATION 240' FNL 360' FVL, SECTION 6 NAD 83, SPCS NM EAST Y487502.59 / X539467.22 LAT:32.34021589N / LDN104.3393892W NAD 27, SPCS NM EAST Y487444.20 / X498286.01 LAT:32.34009980N / LDN104.33888298W	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. SEPTEMBER 24, 2015 Date of Survey Signature and Seal of Professional Surveyor 	
	LAST TAKE POINT 330' FNL 360' FVL, SECTION 6 NAD 83, SPCS NM EAST Y487412.38 / X539467.47 LAT:32.33996847N / LDN104.33938838W NAD 27, SPCS NM EAST Y487354.19 / X498286.26 LAT:32.33985238N / LDN104.33888219W	Certificate Number LLOYD P. SHORT 21653	
	FIRST TAKE POINT 330' FSL 360' FVL, SECTION 6 NAD 83, SPCS NM EAST Y482725.70 / X539473.82 LAT:32.32708489N / LDN104.33936696W NAD 27, SPCS NM EAST Y482667.45 / X498292.50 LAT:32.32696876N / LDN104.338861204W		
SURFACE HOLE LOCATION 212' FNL 300' FVL, SECTION 7 NAD 83, SPCS NM EAST Y482183.11 / X539413.25 LAT:32.32559338N / LDN104.33956295W NAD 27, SPCS NM EAST Y482124.88 / X498231.92 LAT:32.32547725N / LDN104.33905724W			
CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 487678.99 / X: 497925.40 B - Y: 487715.80 / X: 500464.68 C - Y: 482358.61 / X: 500407.83 D - Y: 482332.84 / X: 497932.49			

LOCATION VERIFICATION MAP

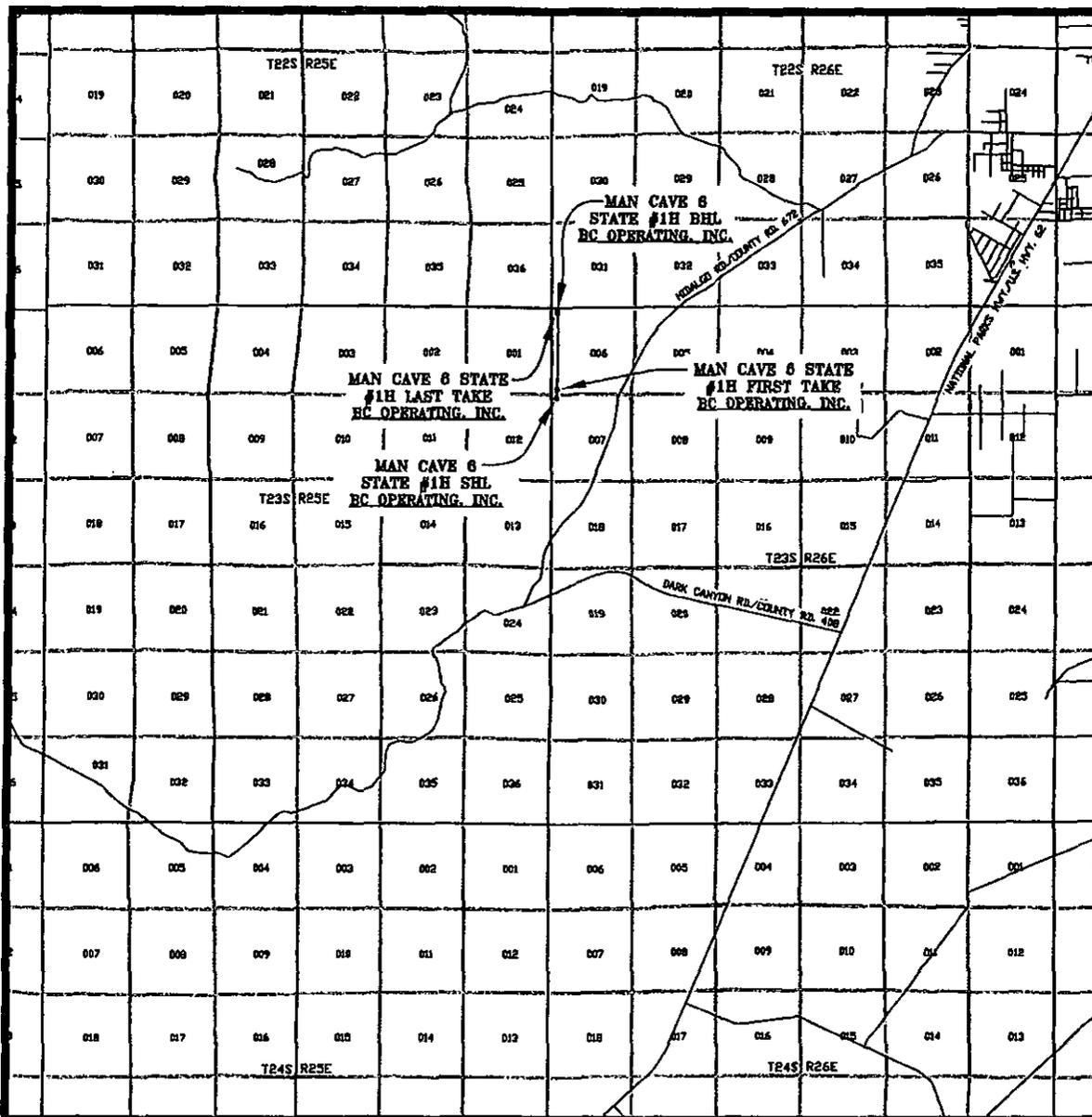


SEC. 7 TWP. 23 S RGE. 26 E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 212' FNL & 300' FWL
 ELEVATION: 3441'
 OPERATOR: B.C. OPERATING, INC.
 LEASE: MAN CAVE 6 STATE
 U.S.G.S. TOPOGRAPHIC MAP: KITCHEN COVE, N.M.

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

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-6900 OFFICE
 JOB No. R3589_001

VICINITY MAP



SEC. 7 TWP. 23 S RGE. 26 E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 212' FNL & 300' FWL
 ELEVATION: 3441'
 OPERATOR: B.C. OPERATING, INC.
 LEASE: MAN CAVE 6 STATE
 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
 318-323-8900 OFFICE
 JOB No. R3569_001

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 to state 1H
30-015 - 43445

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
DATE

AD

11/5/2015