

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

Form C-101  
Revised December 16, 2011

**HOBBS OCE** Energy Minerals and Natural Resources

Oil Conservation Division

Permit

APR 26 2013

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

**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> API Number  30025-41169
<sup>4</sup> Property Code  39661	<sup>5</sup> Property Name  South Lynch	<sup>6</sup> Well No.  2H

**<sup>7</sup> Surface Location**

UL - Lot D	Section 28	Township 20S	Range 34E	Lot Idn	Feet from 360	N/S Line North	Feet From 160	E/W Line West	County Lea
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**<sup>8</sup> Pool Information**

Lea; Bone Spring, South	37580
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**Additional Well Information**

<sup>9</sup> Work Type New Well	<sup>10</sup> Well Type Oil	<sup>11</sup> Cable/Rotary Rotary	<sup>12</sup> Lease Type Fee	<sup>13</sup> Ground Level Elevation 3677'
<sup>14</sup> Multiple No	<sup>15</sup> Proposed Depth 11,100' TVD/15,500' MD	<sup>16</sup> Formation Bone Spring	<sup>17</sup> Contractor TBD	<sup>18</sup> Spud Date TBD
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**<sup>19</sup> Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17 1/2"	13 3/8"	54.5#	1700'	1650	0'
Intermediate	12 1/4"	9 5/8"	40#	5300'	1650	1000'
Production	8 3/4"	5 1/2"	17#	15,500'	2800	0'

**Casing/Cement Program: Additional Comments**

This will be a horizontal well w/BHL Unit A, Sec. 28, T-20S, R-34E, 360' FNL & 240' FEL in Lea County.

**Proposed Blowout Prevention Program**

Permit Expires 2 Years From Approval  
Unless Casing Underway

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

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  
I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OGD-approved plan ☐.

Signature: *Pam Stevens*

Printed name: Pam Stevens

Title: Regulatory Analyst

E-mail Address: pstevens@bcoperating.com

Date: 04/24/13

Phone: 432-684-9696

**OIL CONSERVATION DIVISION**

Approved By:

Title:

Petroleum Engineer

Approved Date:

MAY 10 2013

Expiration Date:

MAY 20 2013

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Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico

Energy, Minerals & Natural Resources Department

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

HOBBS OCD OIL CONSERVATION DIVISION  
1220 South St. Frances Dr.  
Santa Fe, NM 87505

APR 26 2013

☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-41169	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 39661	Property Name South Lynch	Well Number 2H
OGRID No. 160825	Operator Name BC Operating, Inc.	Elevation 3677'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	20-S	34-E		360	NORTH	160	WEST	LEA

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
A	28	20-S	34-E		360	NORTH	240	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

360' 160' #2H (SL) Plane Coordinate X = 734,332.8 Y = 564,740.0	N 89°44'30" E - 4897.2'	360' (BHL) 240' Plane Coordinate X = 739,228.9 Y = 564,762.1	<b>OPERATOR CERTIFICATION</b> 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 4/24/13 Signature Date  Pam Stevens Printed Name  pstevens@bcoperating.com E-mail Address
			<b>SURVEYOR CERTIFICATION</b> 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.  April 11, 2013 Date of Survey Signature & Seal of Professional Surveyor SC  W.O. Num. 2013-0640 Certificate No. MACON McDONALD 12185

NOTE:

- 1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.