

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

Form C-101
Revised August 1, 2011

Permit

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

¹ Operator Name and Address BC Operating, Inc PO Box 50820 Midland, TX 79710		² OGRID Number 160825
		³ API Number 30-025-30724 30-025-40216
⁴ Property Code 37357	⁵ Property Name Jalmat	⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	16	23-S	36-E		422	South	2158	West	Lea

⁸ Pool Information

Wildcat San Andres (Proposed Pool 1), Langlie Mattix SR-QN- Grayburg (Proposed Pool 2)	
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Additional Well Information

⁹ Work Type N	¹⁰ Well Type O	¹¹ Cable/Rotary R	¹² Lease Type State	¹³ Ground Level Elevation 3454'
¹⁴ Multiple N	¹⁵ Proposed Depth 4000'	¹⁶ Formation Grayburg/San Andres	¹⁷ Contractor Western Drilling	¹⁸ Spud Date 8/5/2011
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	12 1/4	8 5/8	24#	1430'	750 sx	surface
	7 7/8	5 1/2	15 5#	4000'	500sx	surface

Casing/Cement Program: Additional Comments

Mud Program 0' to 1430' F/W Spud Mud 8 6 to 9 0 ppg 1430' to 4000' Gel/Starch 10 to 10 4 ppg
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Proposed Blowout Prevention Program

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 OCD-approved plan ☐.

Printed name: Courtney Lockhart

Title Regulatory Tech

E-mail Address courtney@totalenergyservices.us

Date 8/4/2011

Phone 432-661-3573

OIL CONSERVATION DIVISION

Approved By

Title

Approved Date

Expiration Date

Conditions of Approval Attached

PETROLEUM ENGINEER

AUG 08 2011

CONDITIONS OF APPROVAL - DO NOT DOWNHOLE COM. UNTIL DHC IS APPROVED IN SANTA FE

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised October 12, 200.

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Off

State Lease - 4 cop

Fee Lease - 3 copi

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-40216	² Pool Code 37240	³ Pool Name LANGUE MATIX 21-2-GB
⁴ Property Code 37357	⁵ Property Name JALMAT	
⁷ OGRID No. 160825	⁸ Operator Name BC OPERATING, INC.	
		⁶ Well Number 1
		⁹ Elevation 3454'

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
N	16	23 SOUTH	36 EAST, N.M.P.M.		422'	SOUTH	2158'	WEST	LEA

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
12	13								
¹⁴ Consolidation Code				¹⁵ Order No.					

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> <div><div>NAD 27 NM E ZONE X = 828176 Y = 473868 LAT.: N 32.2983120 LONG.: W 103.2712576</div><div>2158'</div><div>422'</div></div>	<h3>OPERATOR CERTIFICATION</h3> <p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <div><div>MICHAEL B. BROWN</div><div>18329</div><div>SURVEYOR CERTIFICATION</div><p>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.</p><p>AUGUST 3, 2011</p><p>Date of Survey _____</p><p>Signature and Seal of Professional Surveyor _____</p><div><div>Michael Blake Brown</div><div>R.P.S. #18329</div><div>JOB # LO_JALMAT1/24 NE/ E.U.O.</div></div></div>
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1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised October 12, 200

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OIL CONSERVATION DIVISION

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State Lease - 4 cop

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-40216	² Pool Code 97839	³ Pool Name WILDCAT; SAN ANARES
⁴ Property Code 37357	⁵ Property Name JALMAT	⁶ Well Number 1
⁷ GRID No. 160825	⁸ Operator Name BC OPERATING, INC.	⁹ Elevation 3454'

¹⁰ Surface Location

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