

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address BC Operating, Inc. P.O. Box 50820, Midland, TX 79710		OGRID Number 160825
Property Code 36445	Property Name Rattletrap	API Number 30-025-38373
Proposed Pool 1 Grayburg Jackson SR-BN-GB-SA		Well No. 1
Proposed Pool 2		

Surface Location

UL or lot no. H	Section 18	Township 16S	Range 32E	Lot Idn H	Feet from the 1650	North/South line N	Feet from the 330	East/West line E	County Lea
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Proposed 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
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Additional Well Information

Work Type Code New Well	Well Type Code Oil	Cable/Rotary	Lease Type Code State	Ground Level Elevation 4363'
Multiple N	Proposed Depth 4250	Formation San Andres	Contractor	Spud Date 5/1/07
Depth to Groundwater		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 mils thick Clay <input type="checkbox"/>		Pit Volume: 4M bbls		Drilling Method:
Closed-Loop System <input type="checkbox"/>		Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	32#	450'	400	Surface
7.875"	5.5"	17#	2850'	750	Surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

BC Operating, Inc. proposes to drill a new well to 450', run 8 5/8" casing and cement. Continue drilling to a TD of 4250' to test the San Andres Zone. Blowout prevention will include a double ram preventor tested to, and working with 2000 #'s.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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 ☐.

Signature: 

Printed name: Jeffrey Bawe

Title: Agent - In - Fact

E-mail Address: jeff@143associates.com

Date: 4/5/07

Phone: 432.553.7244

OIL CONSERVATION DIVISION

Approved by: 

Title: OC DISTRICT SUPERVISOR / GENERAL MANAGER

Approval Date: 4/9/07

Expiration Date: 4/9/08

Conditions of Approval Attached ☐

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-38373	Pool Code 28509	Pool Name Grayburg Jackson SR-BN-GB-SA
Property Code 36445	Property Name RATTLETRAP	Well Number 1
OGRID No. 160825	Operator Name BC OPERATING, INC.	Elevation 4363'

Surface Location

UL or lot No. H	Section 18	Township 16 S	Range 32 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 330	East/West line EAST	County LEA
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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
Dedicated Acres 40					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

<p>NOTE:</p> <p>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.</p>									
<p>Plane Coordinate X = 664,303.8 Y = 700,402.5</p>									
<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature Jeffrey G. Lane</p> <p>Printed Name Jeffrey G. Lane</p> <p>Title Agent-In-Fact</p> <p>Date 4/5/07</p>									
<p>SURVEYOR CERTIFICATION</p> <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 are true and correct to the best of my belief.</p> <p>February 9, 2007</p> <p>Date Surveyed KMT</p> <p>Signature & Seal of Professional Surveyor Man</p> <p>W.O. Num. 2007-0129</p> <p>Certificate No. MACON McDONALD 12185</p>									

This is a detailed topographic map of the Rattlesnake Creek area. The map features contour lines indicating elevation, with labels such as 4396, 4383, 4370, 4364, 4358, 4348, 4336, 4327, 4317, 4307, 4297, 4287, 4275, 4263, 4253, 4243, 4233, 4223, 4213, 4203, 4193, 4183, 4173, 4163, 4153, 4143, 4133, 4123, 4113, 4103, 4093, 4083, 4073, 4063, 4053, 4043, 4033, 4023, 4013, 4003, 3993, 3983, 3973, 3963, 3953, 3943, 3933, 3923, 3913, 3903, 3893, 3883, 3873, 3863, 3853, 3843, 3833, 3823, 3813, 3803, 3793, 3783, 3773, 3763, 3753, 3743, 3733, 3723, 3713, 3703, 3693, 3683, 3673, 3663, 3653, 3643, 3633, 3623, 3613, 3603, 3593, 3583, 3573, 3563, 3553, 3543, 3533, 3523, 3513, 3503, 3493, 3483, 3473, 3463, 3453, 3443, 3433, 3423, 3413, 3403, 3393, 3383, 3373, 3363, 3353, 3343, 3333, 3323, 3313, 3303, 3293, 3283, 3273, 3263, 3253, 3243, 3233, 3223, 3213, 3203, 3193, 3183, 3173, 3163, 3153, 3143, 3133, 3123, 3113, 3103, 3093, 3083, 3073, 3063, 3053, 3043, 3033, 3023, 3013, 3003, 2993, 2983, 2973, 2963, 2953, 2943, 2933, 2923, 2913, 2903, 2893, 2883, 2873, 2863, 2853, 2843, 2833, 2823, 2813, 2803, 2793, 2783, 2773, 2763, 2753, 2743, 2733, 2723, 2713, 2703, 2693, 2683, 2673, 2663, 2653, 2643, 2633, 2623, 2613, 2603, 2593, 2583, 2573, 2563, 2553, 2543, 2533, 2523, 2513, 2503, 2493, 2483, 2473, 2463, 2453, 2443, 2433, 2423, 2413, 2403, 2393, 2383, 2373, 2363, 2353, 2343, 2333, 2323, 2313, 2303, 2293, 2283, 2273, 2263, 2253, 2243, 2233, 2223, 2213, 2203, 2193, 2183, 2173, 2163, 2153, 2143, 2133, 2123, 2113, 2103, 2093, 2083, 2073, 2063, 2053, 2043, 2033, 2023, 2013, 2003, 1993, 1983, 1973, 1963, 1953, 1943, 1933, 1923, 1913, 1903, 1893, 1883, 1873, 1863, 1853, 1843, 1833, 1823, 1813, 1803, 1793, 1783, 1773, 1763, 1753, 1743, 1733, 1723, 1713, 1703, 1693, 1683, 1673, 1663, 1653, 1643, 1633, 1623, 1613, 1603, 1593, 1583, 1573, 1563, 1553, 1543, 1533, 1523, 1513, 1503, 1493, 1483, 1473, 1463, 1453, 1443, 1433, 1423, 1413, 1403, 1393, 1383, 1373, 1363, 1353, 1343, 1333, 1323, 1313, 1303, 1293, 1283, 1273, 1263, 1253, 1243, 1233, 1223, 1213, 1203, 1193, 1183, 1173, 1163, 1153, 1143, 1133, 1123, 1113, 1103, 1093, 1083, 1073, 1063, 1053, 1043, 1033, 1023, 1013, 1003, 993, 983, 973, 963, 953, 943, 933, 923, 913, 903, 893, 883, 873, 863, 853, 843, 833, 823, 813, 803, 793, 783, 773, 763, 753, 743, 733, 723, 713, 703, 693, 683, 673, 663, 653, 643, 633, 623, 613, 603, 593, 583, 573, 563, 553, 543, 533, 523, 513, 503, 493, 483, 473, 463, 453, 443, 433, 423, 413, 403, 393, 383, 373, 363, 353, 343, 333, 323, 313, 303, 293, 283, 273, 263, 253, 243, 233, 223, 213, 203, 193, 183, 173, 163, 153, 143, 133, 123, 113, 103, 93, 83, 73, 63, 53, 43, 33, 23, 13, 3. Elevation points are marked with circles and numbers, such as 4397, 4387, 4377, 4367, 4357, 4347, 4337, 4327, 4317, 4307, 4297, 4287, 4277, 4267, 4257, 4247, 4237, 4227, 4217, 4207, 4197, 4187, 4177, 4167, 4157, 4147, 4137, 4127, 4117, 4107, 4097, 4087, 4077, 4067, 4057, 4047, 4037, 4027, 4017, 4007, 3997, 3987, 3977, 3967, 3957, 3947, 3937, 3927, 3917, 3907, 3897, 3887, 3877, 3867, 3857, 3847, 3837, 3827, 3817, 3807, 3797, 3787, 3777, 3767, 3757, 3747, 3737, 3727, 3717, 3707, 3697, 3687, 3677, 3667, 3657, 3647, 3637, 3627, 3617, 3607, 3597, 3587, 3577, 3567, 3557, 3547, 3537, 3527, 3517, 3507, 3497, 3487, 3477, 3467, 3457, 3447, 3437, 3427, 3417, 3407, 3397, 3387, 3377, 3367, 3357, 3347, 3337, 3327, 3317, 3307, 3297, 3287, 3277, 3267, 3257, 3247, 3237, 3227, 3217, 3207, 3197, 3187, 3177, 3167, 3157, 3147, 3137, 3127, 3117, 3107, 3097, 3087, 3077, 3067, 3057, 3047, 3037, 3027, 3017, 3007, 2997, 2987, 2977, 2967, 2957, 2947, 2937, 2927, 2917, 2907, 2897, 2887, 2877, 2867, 2857, 2847, 2837, 2827, 2817, 2807, 2797, 2787, 2777, 2767, 2757, 2747, 2737, 2727, 2717, 2707, 2697, 2687, 2677, 2667, 2657, 2647, 2637, 2627, 2617, 2607, 2597, 2587, 2577, 2567, 2557, 2547, 2537, 2527, 2517, 2507, 2497, 2487, 2477, 2467, 2457, 2447, 2437, 2427, 2417, 2407, 2397, 2387, 2377, 2367, 2357, 2347, 2337, 2327, 2317, 2307, 2297, 2287, 2277, 2267, 2257, 2247, 2237, 2227, 2217, 2207, 2197, 2187, 2177, 2167, 2157, 2147, 2137, 2127, 2117, 2107, 2097, 2087, 2077, 2067, 2057, 2047, 2037, 2027, 2017, 2007, 1997, 1987

CONTOUR INTERVAL:
MALJAMAR NE - 10'

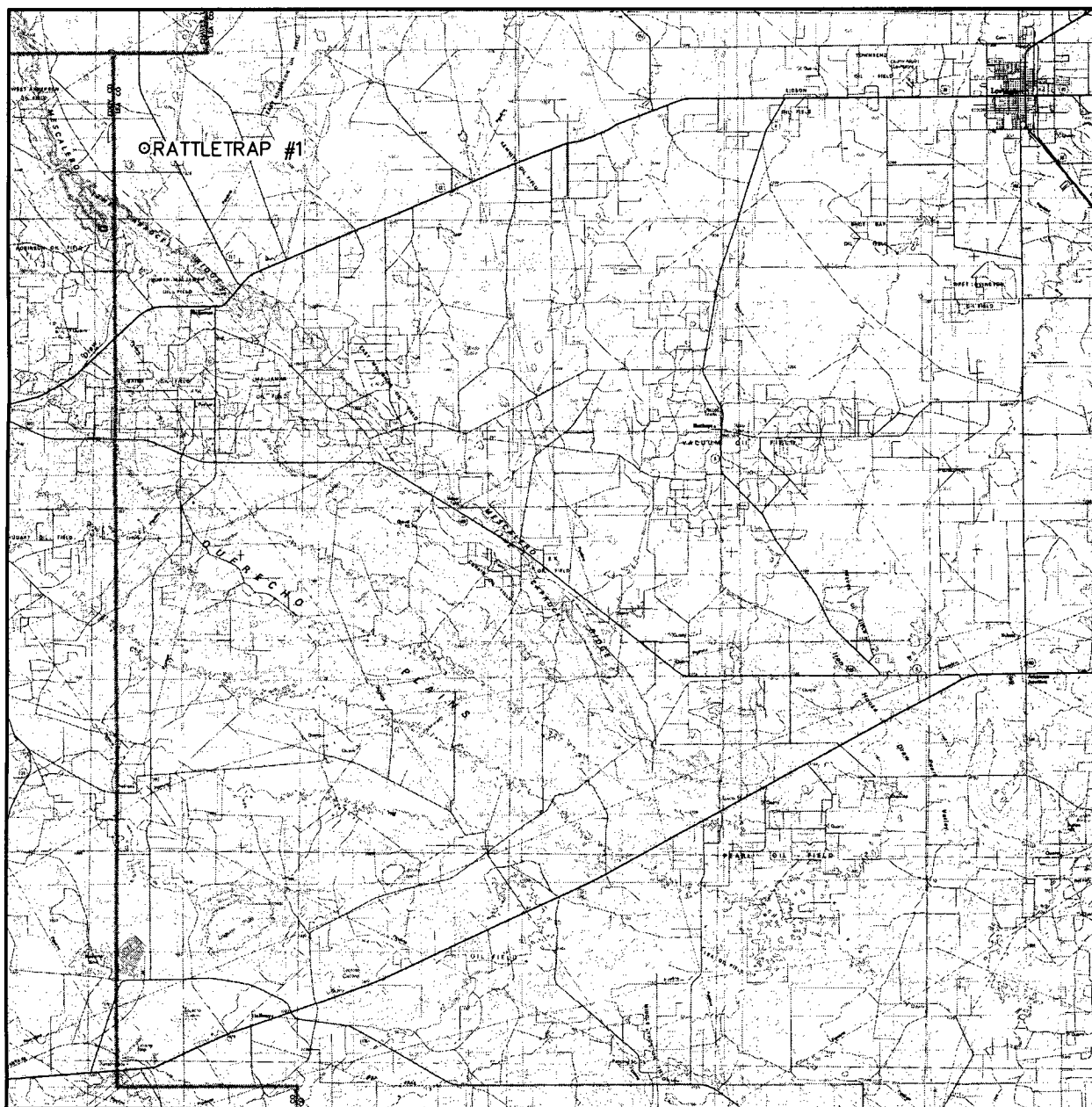
U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR NE

FROM MALJAMAR, N.M., GO S.E. ON HWY 82 FOR APPROXIMATELY 0.8 MILE TO THE INTERSECTION OF HWY 82 AND N.M. 249. GO NORTH ON N.M. 249 FOR APPROXIMATELY 4.3 MILES TO A CATTLE GUARD ON THE WEST SIDE OF 249. GO WEST ON LEASE ROAD FOR APPROXIMATELY 0.8 MILE TO THE MACK ENERGY TROUT #1, LOCATION BEING APPROXIMATELY 600' NORTH OF RATTLE TRAP #1.

**WEST
COMPANY**
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX

VICINITY MAP



SCALE: 1" = 5 MILES

SEC. 18 TWP. 16-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1650' FNL & 330' FEL

ELEVATION 4363'

OPERATOR BC OPERATING, INC.

LEASE RATTLETRAP



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