

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

Form C-101

May 27, 2004

Submit to appropriate District Office

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

Operator Name and Address ROCA Operating, Inc. P.O. Box 1981, Midland, Texas 79702		OGRID Number 152374
Property Code 32515		API Number 30-025-28786
Property Name NM 36 State Com		Well No. 1
Proposed Pool 1 E.K. Bone Springs		Proposed Pool 2

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	36	18S	33E		660	North	1980	East	Lea

**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

**Additional Well Information**

Work Type Code P	Well Type Code O	Cable/Rotary n/a	Lease Type Code S	Ground Level Elevation KB 3856.1
Multiple No	Proposed Depth 8920'	Formation Bone Springs	Contractor Nabors Drilling	Spud Date 8-3-2006
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input checked="" type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: 100 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
17 1/2"	13 3/8"	40 & 54.5#	308	350	circ to surface
11"	8 5/8"	24 & 32#	3,700	1525	circ to surface
7 7/8"	5 1/2"	17 & 20#	13,627	960	7430

<sup>23</sup> 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.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Plugback

MIRU workover rig, TOH with 2 3/8" tubing. RU wireline truck, run gauge ring to 9,400'. Set CIBP @ 9,400' and cover plug with 35' of cement. Perforate from 8,820' to 8,830' and 8,916' to 8,926'. Frac formation with 57,000 gallons of gelled water and 100,000# 20/40 sand.

<sup>24</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 the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative UCD-approved plan ☒.

Printed name: Candy Coveland

Title: Production Analyst

E-mail Address: candy@rocaresource.com

Date: 8/1/2006

Phone: 432-262-3036

**OIL CONSERVATION DIVISION**

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

AUG 04 2006

Expiration Date:

"CONDITION FOR APPROVAL" Approval for Plugback, CANNOT Produce well in the E-K Bone Spring without Simultaneous Dedication order approved by the Santa Fe OCD Office.

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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 October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-025-28786		2 Pool Code 21650		3 Pool Name E.K. Bone Springs	
4 Property Code 32515		5 Property Name New Mexico 36 State Com			6 Well Number 1
7 OGRID No. 182374		8 Operator Name ROCA Operating, Inc.			9 Elevation

**10 Surface Location**

UL or lot no.	Section 36	Township 18S	Range 33E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line East	County Lea
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**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 Dedicated Acres 80		13 Joint or Infill		14 Consolidation Code		15 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.

16				
	<b>17 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 undivided 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 in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: Date: 8/1/06 Printed Name: Candy Copeland			
	<b>18 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. Date of Survey: Signature and Seal of Professional Surveyor: Certificate Number:			