

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		OGRID Number
RB OPERATING COMPANY 777 MAIN STREET SUITE 800 FORT WORTH TX 76102		227588
Property Code		API Number
300271	SOUTH CULEBRA BLUFF UNIT	30 -015-22320
Proposed Pool 1		Well No.
CLUEBRA BLUFF; BONE SPRING, SOUTH		001
Proposed Pool 2		

7 Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
G	23	23S	28E		1980	NORTH	1650	EAST	EDDY

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary	14 Lease Type Code P	15 Ground Level Elevation 2995
16 Multiple N	17 Proposed Depth +/- 8800'	18 Formation 2 ND BONE SPRING	19 Contractor	20 Spud Date 5-14-2005
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

22 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.

Set COBP @ 900' with 20' cement on top and perforate 2nd Bone Spring Sand as follows:
8744' - 8748', 8756' - 8770', 8785' - 8791' and 8798' - 8805', 2 spf, 96° phase.

BOP 5000 psi to be used.

Frac perfs & place on rod & bram pump.

(Wellbore Schematic is attached).

No H2S expected.

This work does not require an earthen pit

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 the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name:

Title: Sr. Engineering Tech

E-mail Address: lstyles@rangerresources.com

Date: 6-1-2005

Phone: 817-810-1908

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JUL 19 2005

Expiration Date:

JUL 19 2006

Conditions of Approval Attached ☐

-102

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 11662

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-22320	Pool Name South Culebra Bluff; Bone Spring Sandstone	Pool Code
Property Code 300271	Property Name SOUTH CULEBRA BLUFF UNIT	Well No. 001
OGRID No. 227588	Operator Name RB OPERATING COMPANY	Elevation 2995

Surface And Bottom Hole Location

UL or Lot G	Section 23	Township 23S	Range 28E	Lot Idn	Feet From 1980	N/S Line N	Feet From 1650	E/W Line E	County Eddy
Dedicated Acres 80 Acres		Joint or Infill		Consolidation Code		Order No.			

Stand-up 80 Acres

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By:

Title:

Date:

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.

Surveyed By: John W. West

Date of Survey: 09/26/1977

Certificate Number: 676



RB Operating Company

Well: SCB 1B - Proposed

Field: Loving East

County: Eddy

State: New Mexico

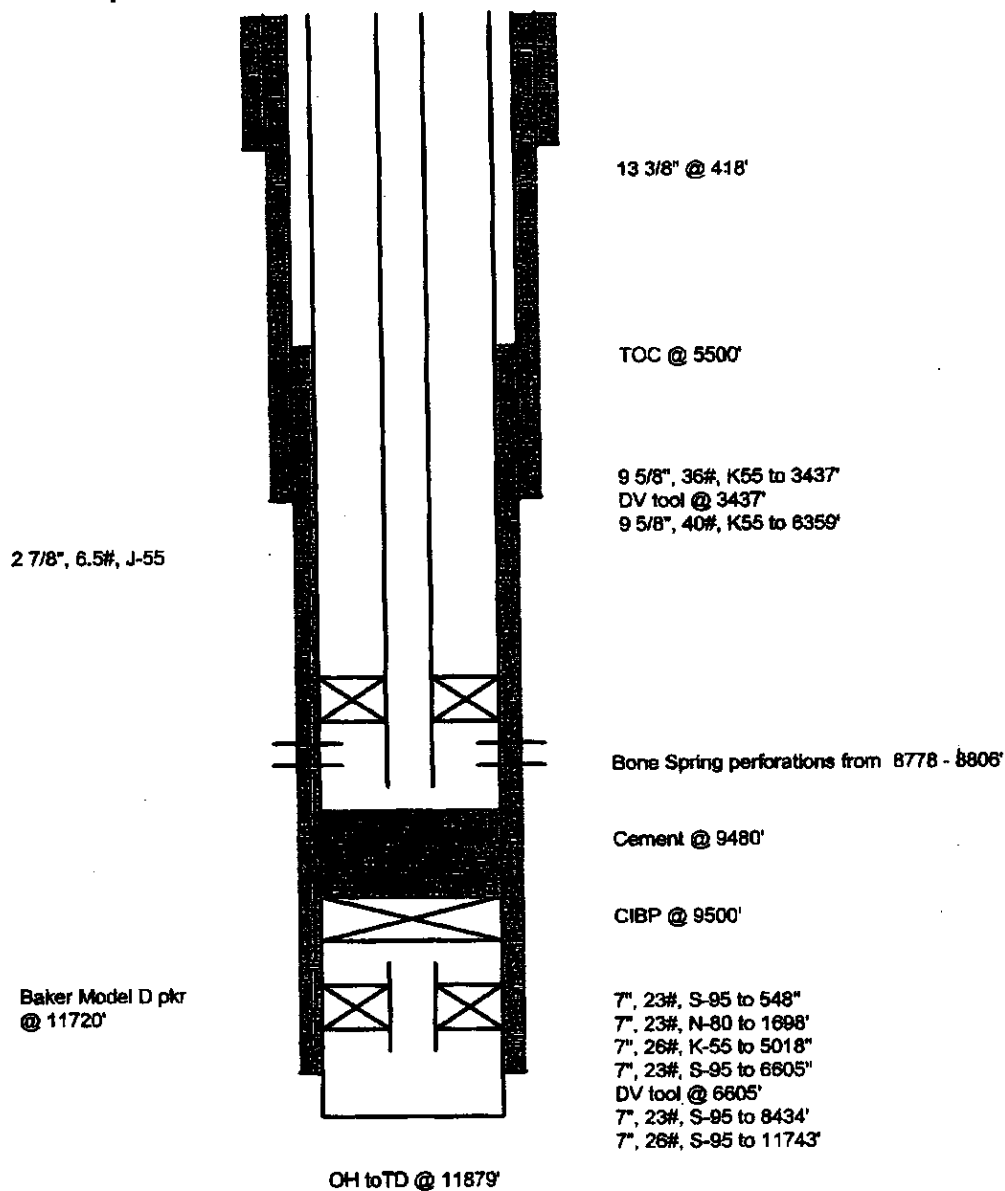
Location: Section 23, T23S, R28E

API: 30-015-22320

KB: 21'

Spud Date: 11/77

Comp. Date: 10/78





RB OPERATING COMPANY

June 1, 2005

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Attention: Michael Stogner

Dear Mr. Stogner:

RB Operating Company is requesting an Unorthodox Location Permit for our existing operated South Culebra Bluff Unit #001 well, located in Section 23, T23S R28E, 1980' FNL & 1650' FEL in Eddy County, New Mexico.

The original completion was in the Atoka and the recompletion is to the South Culebra Bluff; Bone Spring Sandstone formation.

Chesapeake Energy Corporation is the only offset operator and is the only working interest partner in this well.

I have enclosed the necessary forms and schematics required for this request. At your earliest convenience please let me know if anything else is required as we are scrambling to get this situation straightened out for oil sales.

Thank you for your help,

A handwritten signature in cursive script, reading 'Linda C. Stiles'.

Linda C. Stiles
Sr. Engineering Tech