

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
March 4, 2004

WELL API NO.

30-015-33606

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

South Culebra Buff 23

8. Well Number

010

9. OGRID Number

227588

10. Pool name or Wildcat

Loving; Brushy Canyon, East

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

RB Operating Company

3. Address of Operator

777 Main Street Suite 800

4. Well Location

Unit Letter P : 330 feet from the South line and 330 feet from the East line

Section 23 Township 23S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL Sect Twp Rng Pit type Depth to Groundwater Distance from nearest fresh water well

Distance from nearest surface water Below-grade Tank Location UL Sect Twp Rng :

feet from the line and feet from the line

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: Completion

X

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. PLUG AND ☐

CASING TEST AND CEMENT JOB ☐ ABANDONMENT

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

05-17-2005: Notified Mike NM OCD of intent to Spud & set surface @ 16:30 5/16/05

Spud well @ 0215 hrs 5/17/05. Drill 12.25 hole 57' to 557'. Run 13 jts 85' 8 24# J-55 S1&C csg @ 557' FLT @ 516.

Notified NMOCD of intent to cmt @ 0930 AM 5/17/05 " Van Barton"

(Continued on page 2)

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE

Sr Engineering Tech

DATE 03-03-2005

Type or print name Linda C. Stiles

E-mail address: lstyles@rangeresources.com Telephone No. 817/810-1908

(This space for State use)

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

Accepted for record
NMOCD

Car w/50% "C" w/2%CC 1 1/2" Ccler. Cmt returns to surface (15 bbls). Check csg. Install WH. Test WH to 750psi, good test. ND BOPF.

05-18-05 05-29-2005: Drill new 2 7/8 hole 6210'-6402' well TD. Circ. 40 bbl HL-VIS PILL & CL hole. Pump & open 40 bbl HL-VIS PILL on bna. Dropped TOCO, BOOH to log. MIRC HOWE X-Loggers. Log well. GR7RELTRON/DENSITY/DLL/MICROGLARK/CALIPER, MU BHA & 1 1/2" Clean Out. 1 up for Csg. THT To 6370'. Wash to bottom 6370'-6402' 8'ft fill. Circ clean TOOTH, LD DP & BHA. Run 150 Jts J55 15.5# L13-C Csg To 6401'. Circ csg @ 700 GPM. Test Lines & cmt 1st Stage. Bump plug w/ 500 psi. Float held. Open DV tool & circ. WOC. Circ. Pump 2nd stage. Bump plug. Float held. Bbl cut to surface. ND BOPF. Set slps. Cut csg. Install WH. Clean mud pits. WOC. Rd @ 4:00PM MDT MAY 29, 2005

05-09 06-10-2005: Run 194 jts 2 7/8" 1.55 6.4# and tbg to 6101'. PUMP 6303'. RU Computer log. Ran GR CCL F/ PBD to 4500'. Perf 2 SPF @ 6190'-6210' (40 holes). RD loggers. RU pump sh. Pressure up csg. formation broke @ 3000#. Pump 3 UPM @ 2200#. Pump 20 bbls. ISIP 1100#. 15 min SI 9000#. Set 3 frac tank & load w/ 500 bbls FV.

06-13-2005: RU Schlumberger. Frac perf 6190-6210 (see attached schedule). Avg rate 125 BPM. Max psi 3109#. Avg psi 977#. ISIP 970#. 15 min SI 776#. SI 2 hrs. RD Schlumberger. PU to flowback. STIP 750#. Open to frac tank. Flow back @ rate of 1 BPM. Flow back 484 bbls in 16 hrs. well flowing w/ 50# FTP.

06-17-2005: Well on production.

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Form C-116
Revised June 10, 2003

Submit 2 copies
To Appropriate
District Office

GAS - OIL RATIO TEST

Operator RB Operating Company		Pool Loving; Brushy Canyon, East		County Eddy													
Address 777 Main Street Suite 800 Fort Worth, TX 76102		TYPE OF TEST - (X)		Scheduled <input type="checkbox"/>		Completion <input checked="" type="checkbox"/>		Special <input type="checkbox"/>									
LEASE NAME	API No.	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TUBG PRESS	DAILY ALLOW- ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU FT/BBL
			U	S	T	R							WATER BBL/S	GRAV OIL	OIL BBL/S	GAS M C F	
South Culebra Bluff 23	30-015-33606	010	P	23	23S	28E	06-20-2005		64/64	0		24	186	39.6	26	107	4.115

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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


Signature

07-20-2005
Date

Linda C. Stiles
Printed Name

Sr. Engineering Tech
Title

lstiles@energyresources.com
E-mail Address

817/810-1908
Telephone No.