

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**

<sup>1</sup> Operator Name and Address Range Operating New Mexico, Inc., 777 Main St., Ste. 800, Fort Worth, TX 76102		<sup>2</sup> OGRID Number 227588
<sup>3</sup> Property Code 301560		<sup>4</sup> API Number 30 - 25-35372
<sup>5</sup> Property Name Grizzell A		<sup>6</sup> Well No. 001
<sup>9</sup> Proposed Pool 1 Drinkard (19190)		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	6	22S	37E		1650	N	330	E	Lea

**8 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**

<sup>11</sup> Work Type Code A	<sup>12</sup> Well Type Code Oil	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3448
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 7296	<sup>18</sup> Formation Drinkard	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
Depth to Groundwater		Distance from nearest fresh water well N/A		Distance from nearest surface water N/A
<b>Pit:</b> 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
12.25	8.625	24	1171	565	Surf
7 7/8	5.5	15.5 & 17	7349	2436	Surf
Casing has not changed.					

<sup>22</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.

Propose to plug back to the Drinkard, perf the Drinkard (6590 - 6700) and downhole commingle with the Tubb Oil & Gas (6184 - 6244).

1. GIH. Set CIBP @ 6800'. Run GR & CCL, correlating with Density Log. Perf Drinkard (6590 - 6700). Top CIBP w/10' cmt. Break down perfs.

2. RIH w/packer and acid frac perfs. POH w/pkr.

3. RIH & set 2 7/8" tbg.

4. Set production equipment.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Plugback

<sup>23</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 NMOC guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Paula Hale

Title: Sr. Reg. Sp.

E-mail Address: phale@rangeresources.com

Date: 8/11/05

Phone: 817/810-1916

**OIL CONSERVATION DIVISION**

Approved by:

ORIGINAL SIGNED BY:

PAUL F. KAUTZ

PETROLEUM ENGINEER

Title:

Approval Date: AUG 26 2005

Expiration Date:

Conditions of Approval Attached ☒

**CONDITIONS OF APPROVAL: CANNOT PRODUCE  
COMMINGLED UNTIL DOWNHOLE COMMINGLE  
HAS BEEN APPROVED ACCORDING TO R-11363.**

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

## DISTRICT II

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

## DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

## DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

## State of New Mexico

Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35372	Pool Code 19190	Pool Name Drinkard
Property Code 301560	Property Name GRIZZELL A	Well Number 1
OGRIID No. 227588	Operator Name Range Operating New Mexico, Inc.	Elevation 3448

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	6	22-S	37-E		1650	NORTH	330	EAST	LEA

## 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	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

LOT 4 37.24 AC	LOT 3 40.12 AC	LOT 2 40.21 AC	LOT 1 40.30 AC		<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Paula Hale Printed Name Sr. Reg. Sp. Title 8/11/05 Date
LOT 5 37.13 AC					
LOT 6 37.07 AC					
LOT 7 36.99 AC					<b>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.  DECEMBER 6, 2000 Date Surveyed Signature & Seal of Professional Surveyor  00-11-1565 Certificate No. RONALD J. EUBANK 3239 GARY EUBANK 12641