

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

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

1. Operator Name and Address RANGE OPERATING NEW MEXICO INC 777 MAIN STREET FT WORTH, TX 76102		2. OGRID Number 227588
		3. API Number 30-025-37600
4. Property Code 301560	5. Property Name GRIZZELL A	6. Well No. 002

7. Surface Location

UL - Lot H	Section 6	Township 22S	Range 37E	Lot Idn H	Feet From 2310	N/S Line N	Feet From 330	E/W Line E	County LEA
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8. Pool Information

EUNICE,SAN ANDRES, SOUTHWEST	24180
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3446
14. Multiple N	15. Proposed Depth 4500	16. Formation San Andres	17. Contractor	18. Spud Date 12/23/2005
Depth to Ground water 75		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 miles thick Clay <input type="checkbox"/> Pit Volume: 6200 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"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	24	1200	419	0
Prod	7.875	5.5	15.5	4500	400	0

Casing/Cement Program: Additional Comments

1. Drill 11 hole to depth of 1200. 2. Set 8 5/8 csg & cmt same to surface. 3. Test csg & BOPs to 1500 psi prior to drilling out shoe joint. 4. Drill 7 7/8 hole to a depth of 4500'. Log & evaluate. 5. If productive, run 5 1/2 csg to 4500' & cment same to 1050'. NO H2S EXPECTED.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Schaffer

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 NMOCB guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Linda Stiles Title: Sr Engineering Tech Email Address: lstyles@rangeresources.com Date: 12/20/2005 Phone: 817-810-1908	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 12/21/2005	Expiration Date: 12/21/2006
	Conditions of Approval Attached	

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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Santa Fe, NM 87505

Form C-102
 Permit 20322

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-37600	2. Pool Code 24180	3. Pool Name EUNICE,SAN ANDRES, SOUTHWEST
4. Property Code 301560	5. Property Name GRIZZELL A	6. Well No. 002
7. OGRID No. 227588	8. Operator Name RANGE OPERATING NEW MEXICO INC	9. Elevation 3446

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	6	22S	37E		2310	N	330	E	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	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

OPERATOR CERTIFICATION

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 unleased mineral interest in the land including the proposed bottom hole location(s) 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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Linda Stiles

Title: Sr Engineering Tech

Date: 12/20/2005

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: Gary Eidson

Date of Survey: 12/2/2005

Certificate Number: 12641

Permit Conditions of Approval

Operator: RANGE OPERATING NEW MEXICO INC , 227588

Well: GRIZZELL A #002

API: 30-025-37600

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
pkautz	prior to any pit construction notify Gary Wink at 505-393-6161 ext 114