

**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 30-025-38030
4. Property Code 302950	5. Property Name DOWNES	6. Well No. 004

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	6	22S	37E	2	330	N	1650	E	LEA

**8. Pool Information**

DRINKARD	19190
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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 3457
14. Multiple N	15. Proposed Depth 6800	16. Formation Drinkard	17. Contractor	18. Spud Date 8/1/2006
Depth to Ground water 100		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: 6000 _____ 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	12.25	8.625	24	1100	690	0
Prod	7.875	5.5	17	6800	1250	900

**Casing/Cement Program: Additional Comments**

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**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 ☒ a general permit ☐ or an (attached) alternative OCB-approved plan ☐.

Printed Name: Electronically filed by Linda Stiles

Title: Sr Engineering Tech

Email Address: lstyles@rangeresources.com

Date: 7/25/2006

Phone: 817-810-1908

**OIL CONSERVATION DIVISION**

Approved By: Paul Kautz

Title: Geologist

Approved Date: 8/1/2006

Expiration Date: 8/1/2007

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 34819

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-38030	2. Pool Code 19190	3. Pool Name DRINKARD
4. Property Code 302950	5. Property Name DOWNES	6. Well No. 004
7. OGRID No. 227588	8. Operator Name RANGE OPERATING NEW MEXICO INC	9. Elevation 3457


**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	6	22S	37E		330	N	1650	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 40.21		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: 7/25/2006

**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: 7/14/2006

Certificate Number: 12641

# Permit Conditions of Approval

Operator: RANGE OPERATING NEW MEXICO INC , 227588

Well: DOWNES #004

API: 30-025-38030

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