

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 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 13859

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address RANGE OPERATING NEW MEXICO INC 777 Main Street Fort Worth, TX 76102		OGRID Number 227588
		API Number 30-025-37400
Property Code 301544	Property Name COLE STATE	Well No. 019

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	16	22S	37E	G	1650	N	1800	E	Lea

Proposed Pools

EUNICE,SAN ANDRES,SOUTHWEST 24180

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 3411
Multiple N	Proposed Depth 4300	Formation San Andres	Contractor	Spud Date 08/01/2005

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	24	1200	500	0
Prod	7.875	5.5	15.5	4300	400	1000

Casing/Cement Program: Additional Comments

1. Drill 11 hole to depth of 1200. Set 8 5/8 casing & cement same to surface. 3. Test csg & BOPs to 1500 psi prior to drilling out shoe joint. 4. Drill 7 7/8 hole to depth of 4300. Log & evaluate. 5. If productive, run 5 1/2 csg to 4300 & cement same to 1000. NO H2S EXPECTED.
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Schaffer

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

Electronically Signed By: Linda Stiles

Title: Manager

Date: 07/27/2005

Phone: 817-810-1908

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 07/28/2005

Expiration Date: 07/28/2006

Conditions of Approval:

There are conditions. See Attached.