

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 11242

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 30-015-34177
Property Code 300270	Property Name SOUTH CULEBRA BLUFF 23	Well No. 016

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	23	23S	28E	N	330	S	2310	W	Eddy

Proposed Pools

LOVING,BRUSHY CANYON, EAST 40350

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3010
Multiple N	Proposed Depth 6400	Formation Brushy Canyon	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	12.25	8.625	24	300	350	0
Prod	7.875	5.5	15.5	6400	1370	0

Casing/Cement Program: Additional Comments

Drill 12 1/4 hole to depth of 560. Set 8 5/8 casing to 560 and cement same to surface. Test casing & BOPs to 1500 psi prior to drilling out shoe joint. Drill 7 7/8 hole to depth of 6400, log and evaluate. If productive, run 5 1/2 casing to 6400 & cement same to surface. DVD tool @ 4860. Mud, FW/ge10 TO 570, brine 570-TD. NO H2S EXPECTED.

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: 06/21/2005

Phone: 817-810-1908

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 07/03/2005

Expiration Date: 07/03/2006

Conditions of Approval:

There are conditions. See Attached.