

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 11948

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CIMAREX ENERGY CO. 15 E 5th Street Tulsa, OK 74103		OGRID Number 215099
		API Number 30-025-37304
Property Code 34887	Property Name CAUDILL SOUTH 21 FEE	Well No. 001

Surface Location

UL or Lot F	Section 21	Township 15S	Range 36E	Lot Idn F	Feet From 1830	N/S Line N	Feet From 2130	E/W Line W	County Lea
----------------	---------------	-----------------	--------------	--------------	-------------------	---------------	-------------------	---------------	---------------

Proposed Pools

CAUDILL,PERMO UPPER PENN 10830

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3900
Multiple N	Proposed Depth 10950	Formation Wolfcamp	Contractor	Spud Date 07/18/2005

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	600	555	0
Int1	12.25	9.625	40	4750	1210	500
Int2	7.875	5.5	17	10950	350	9000

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Shaffer
Annular	2500	2500	Hydril

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

Electronically Signed By: Sharon LaValley

Title: Manager

Date: 06/21/2005

Phone: 918-295-1673

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 06/22/2005

Expiration Date: 06/22/2006

Conditions of Approval:

There are conditions. See Attached.