

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 16209

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address CIMAREX ENERGY CO. 15 E 5th Street Tulsa, OK 74103		OGRID Number 215099
		API Number 30-025-37471
Property Code 34847	Property Name CAUDILL WEST 8 FEE	Well No. 002

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	8	15S	36E	H	1650	N	660	E	Lea

Proposed Pools

AUSTIN,MORROW, SOUTHWEST (GAS) 96664

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 3920
Multiple N	Proposed Depth 12650	Formation Morrow	Contractor	Spud Date 12/01/2005

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	600	0
Int1	12.25	9.625	40	4750	1900	0
Prod	7.875	5.5	17	8000	1845	2350
Prod	7.875	5.5	17	10000	1845	2350
Prod	7.875	5.5	17	12650	1845	2350

Casing/Cement Program: Additional Comments

1845 sacks of cement will be used to cement production casing. Estimated TOC 2350.
--

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: 09/28/2005

Phone: 918-295-1673

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 09/29/2005

Expiration Date: 09/29/2006

Conditions of Approval:

There are conditions. See Attached.