

APD Form

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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 8462

✓ Submitted online
3pm, 3/17/05.

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address V-F PETROLEUM INC P. O. BOX 1889 MIDLAND, TX 79702		OGRID Number 24010
		API Number
Property Code	Property Name MIDNIGHT 13 STATE COM	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	13	16S	26E		660	N	950	W	Eddy

Proposed Pools

PECOS RIVER; MORROW 97375

Work Type	Well Type	Cable/Rotary	Lease Type	Ground Level Elevation
New Well	Gas		State	3387
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	8500	Chester		03/31/2005

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	26	20	60	40	53	0
Surf	17.5	13.375	54.5	425	500	0
Int'l	12.25	9.625	40	1400	600	0
Prod	8.75	5.5	17	9200	800	5000

Casing/Cement Program: Additional Comments

1. Set 40 of 20 conductor pipe. 2. Drill 17 1/2 hole to approx. 425 with fresh water. Set 13 3/8 csg and cement to surface. 3. Nipple up 3,000# Dual Ram BOP and 3,000# Annular BOP. 4. Drill 12 1/4 hole to approx. 1,400 with fresh water. Set 9 5/8 csg and cement to surface. 5. Nipple up 5,000# wellhead, 5,000# Dual Ram BOP and 3,000# Annular BOP. 6. Drill 8 3/4 hole to TD using FW mud. DSTs are possible if shows occur. E-logs will be run at TD. If shows are indicative of commercial quantities of oil/gas, 5 1/2 csg will be run and cemented. Prepare for completion. No H2S is expected.

Rotary Tools will be used
from 0 - TD.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	Hydrill
Double Ram	3000	3000	Shafer