

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 8084

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N. Broadway Oklahoma City, OK 73102		OGRID Number 6137
		API Number 30-015-34135
Property Code 34686	Property Name LOVELACE 27 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
I	27	22S	27E	I	1980	S	1170	E	Eddy

Proposed Pools

CARLSBAD;MORROW, SOUTH (PRO GAS) 73960
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Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3099
Multiple N	Proposed Depth 12250	Formation Morrow	Contractor	Spud Date 04/01/2005

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	350	338	0
Int1	12.25	9.625	36	2100	720	0
Prod	8.75	5.5	17	12250	2844	1600

Casing/Cement Program: Additional Comments

Cement 13 3/8 surface w/138 sx poz, tail w/200 sx Class C. Cement 9 5/8 intermeidate 470 sx poz, tail w/ 250 sx Class C. Cement 5 1/2 production w/ 1992 sx poz, tail w/ 852 sx Super C Modified. Mud program: 0-350 8.4-9.0 Vis 32-34 water loss NC. 350-2100 9.8-10.1 vis 28-32 water loss NC. 2100-8800 8.4-9.4 vis 28-32 water loss NC. 8800-9700 9.4-9.8 vis 28-32 water loss NC. 9700-TD 10.0-10.8 vis 30-45 water loss 5-8.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	5000	5000	
Pipe	5000	5000	

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

Electronically Signed By: Linda Guthrie

Title: Regulatory Specialist

Date: 03/10/2005

Phone: 405-228-8209

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 05/27/2005

Expiration Date: 05/27/2006

Conditions of Approval:

There are conditions. See Attached.