

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 11212

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address ENERGEN RESOURCES CORPORATION 2198 Bloomfield Highway Farmington, NM 87401		OGRID Number 162928
		API Number 30-025-37246
Property Code 34819	Property Name BIG DOG BAER	Well No. 001

Surface Location

UL or Lot G	Section 32	Township 15S	Range 35E	Lot Idn G	Feet From 1650	N/S Line N	Feet From 1672	E/W Line E	County Lea
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Proposed Pools

South Big Dog - Strawn

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 3998
Multiple N	Proposed Depth 12000	Formation Strawn	Contractor	Spud Date 06/01/2005

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	400	450	0
Int1	12.25	8.625	32	4800	1200	0
Int1	11	8.625	32	4800	1200	0
Prod	7.875	5.5	17	12000	1200	4500

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	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: Vicki Donaghey

Title: Production Assistant

Date: 05/17/2005

Phone: 505-325-6800

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 05/18/2005

Expiration Date: 05/18/2006

Conditions of Approval:

There are conditions. See Attached.