

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 16187

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address MARBOB ENERGY CORP PO Box 227 Artesia, NM 88211-0227		OGRID Number 14049
		API Number 30-005-63773
Property Code 35135	Property Name IRISH STOUT STATE	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	30	14S	28E	N	660	S	1650	W	Chaves

Proposed Pools

BUFFALO VALLEY;PENN (PRORATED GAS) 73080
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Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3507
Multiple N	Proposed Depth 8600	Formation Morrow	Contractor	Spud Date 10/06/2005

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	350	0
Int1	12.25	8.625	24	1650	700	0
Prod	7.875	5.5	17	8600	300	3000

Casing/Cement Program: Additional Comments

PLAN TO DRILL 17.5 INCH HOLE TO 350 WITH FRESH WATER, SET 13.375 INCH CSG, CMT WITH 350 SX, CIRC TO SURF; DRILL 12.25 INCH HOLE TO 1650 WITH CUT BRINE, SET 8.625 INCH CSG, CMT WITH 700 SX, CIRC TO SURF; DRILL 7.875 INCH HOLE TO 8600 WITH CUT BRINE, SET 5.5 INCH CSG, CMT WITH 300 SX CMT, BRING TOC 200 FOOT ABOVE ALL OIL & GAS BEARING ZONES.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	CAMERON
Double Ram	2000	2000	CAMERON

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

Electronically Signed By: Diana Briggs

Title: Production Analyst

Date: 09/28/2005

Phone: 505-748-3303

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 09/28/2005

Expiration Date: 09/28/2006

Conditions of Approval:

There are conditions. See Attached.