

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Ave., Artesia, NM 88210

District III
1000 Rio Erazos 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 4273

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address		OGRID Number
COG OPERATING LLC 550 W Texas Midland, TX 79701		229137
		API Number
		30-015-33964
Property Code	Property Name	Well No.
34510	TURKEY TRACK 11 STATE	002

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	11	19S	28E	A	660	N	660	E	Eddy

Proposed Pools

TURKEY TRACK,MORROW (GAS) 86480

Work Type	Well Type	Cable/Rotary	Lease Type	Ground Level Elevation
New Well	GAS		State	3419
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	11500	Morrow		02/01/2005

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	450	490	0
Int1	12.25	8.625	32	2800	975	0
Prod	7.875	5.5	17	11500	735	8000

Casing/Cement Program: Additional Comments

13-3/8 48# 8rd STC H40 csg to be set at +/- 450. Cmt w/ 490 sx Class C w/ additives. Circ cmt. 8-5/8 32 J-55 STC csg to be set at +/- 2800. Cmt w/ 775 sx Poz C w/ 10% gel, 5% CaCl2, .25 pps cello flake & 3 pps LCM-1 followed by 200 sx Class C w/ 2% CaCl2. Circ Cmt. 5-1/2 17# N-80 & S-95 LTC csg to be set at +/- 11500. Cmt w/ 735 sx Class H plus additives. Est TOC @ +/- 8000

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	4000	
Annular	3000	2500	

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

Electronically Signed By: Diane Kuykendall

Title: Regulatory Analyst

Date: 02/09/2005

Phone: 432-685-4372

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 02/23/2005

Expiration Date: 02/23/2006

Conditions of Approval:

There are conditions. See Attached.