

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 IV1220 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 14631

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address EOG RESOURCES INC PO Box 2267 Midland, TX 79702		OGRID Number 7377
		API Number 30-015-34315
Property Code 34779	Property Name MACKENZIE 13 FEE	Well No. 002H

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	13	16S	24E	N	660	S	1980	W	Eddy

Bottom Holes

Pool: WILDCAT;WOLFCAMP (GAS) 96086									
UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
XC	13	16S	24E	N	660	N	1980	W	Eddy

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 3584
Multiple N	Proposed Depth 5200	Formation Wolfcamp	Contractor	Spud Date 09/01/2005

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	40	900	325	0
Prod	8.75	5.5	17	8500	750	0

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

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

Electronically Signed By: Stan Wagner

Title: Regulatory Analyst

Date: 08/15/2005

Phone: 432-686-3689

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 09/01/2005

Expiration Date: 09/01/2006

Conditions of Approval:

There are conditions. See Attached.

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Form C-102

Permit 14631

WELL LOCATION AND ACREAGE DEDICATION PLAT

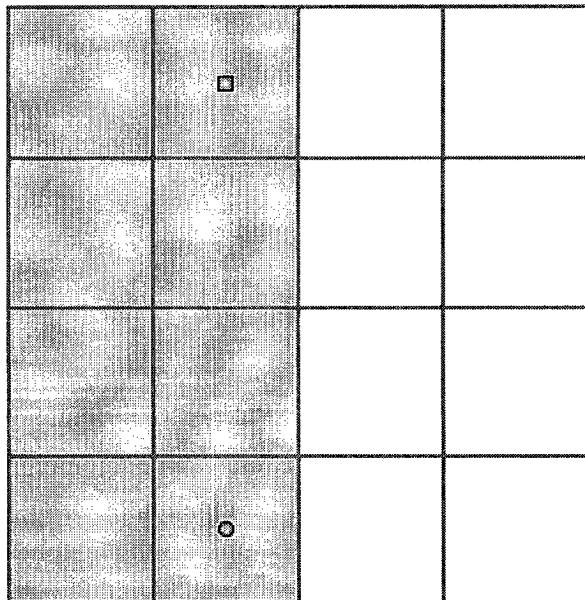
API Number 30-015-34315	Pool Name WILDCAT;WOLFCAMP (GAS)	Pool Code 96086
Property Code 34779	Property Name MACKENZIE 13 FEE	Well No. 002H
OGRID No. 7377	Operator Name EOG RESOURCES INC	Elevation 3584

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	13	16S	24E	N	660	S	1980	W	Eddy

Bottom Hole Location If Different From Surface

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
NC	13	16S	24E	N	660	N	1980	W	Eddy
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

**OPERATOR CERTIFICATION**

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

Electronically Signed By: Stan Wagner

Title: Regulatory Analyst

Date: 08/15/2005

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: V L Bezner

Date of Survey: 08/01/2005

Certificate Number: 7920

Permit Conditions Of Approval

C-101, Permit 14631

Operator: EOG RESOURCES INC , 7377

Well: MACKENZIE 13 FEE #002H

OCD Reviewer	Condition
BARRANT	Please contact OCD time of spud and time to witness the cementing to surface the water protection string of casing.
BARRANT	Pit construction and closure must satisfy all requirements of O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BARRANT	As noted, operator to drill surface hole with fresh water mud.