

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-

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address EOG RESOURCES INC PO Box 2267 Midland, TX 79702		OGRID Number 7377
		API Number 30-015-33314
Property Code 33352	Property Name Parkway "23" State Com	Well No. 001

**Surface Location**

UL or Lot K	Section 23	Township 19S	Range 29E	Lot Idn K	Feet From 1448	N/S Line S	Feet From 2563	E/W Line W	County Eddy
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**Bottom Holes**

Pool: TURKEY TRACK;MORROW (GAS) 86480									
UL or Lot F	Section 23	Township 19S	Range 29E	Lot Idn F	Feet From 1900	N/S Line N	Feet From 1900	E/W Line W	County Eddy

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3305
Multiple N	Proposed Depth 12200	Formation Morrow	Contractor	Spud Date 03/10/2004

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	360	250	0
Int1	11	8.375	32	3300	500	0
Prod	7.875	5.5	17	12200	1200	0

**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: Stan Wagner

Title: Regulatory Analyst

Date: 02/03/2004

Phone: 432-686-3689

### OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 03/20/2004 Expiration Date: 03/20/2005

Conditions of Approval:

There are conditions. See Attached.

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Form C-

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

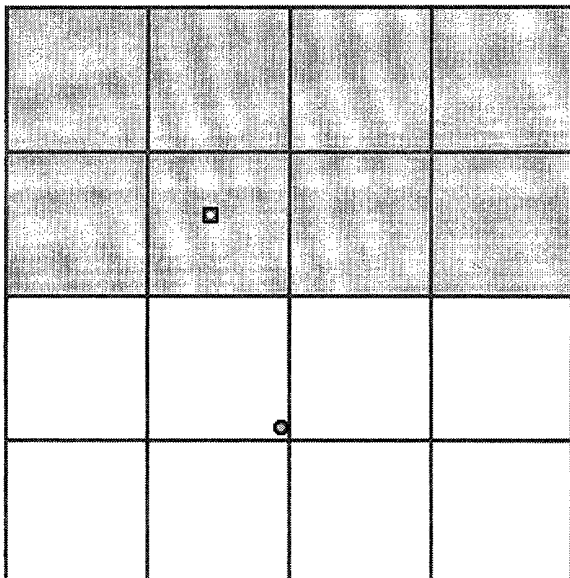
API Number 30-015-33314	Pool Name TURKEY TRACK;MORROW (GAS)	Pool Code 86480
Property Code 33352	Property Name Parkway "23" State Com	Well No. 001
OGRID No. 7377	Operator Name EOG RESOURCES INC	Elevation 3305

**Surface Location**

UL or Lot K	Section 23	Township 19S	Range 29E	Lot Idn K	Feet From 1448	N/S Line S	Feet From 2563	E/W Line W	County Eddy
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**Bottom Hole Location If Different From Surface**

UL or Lot F	Section 23	Township 19S	Range 29E	Lot Idn F	Feet From 1900	N/S Line N	Feet From 1900	E/W Line W	County 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: 02/03/2004

**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: 01/13/2004

Certificate Number: 7920

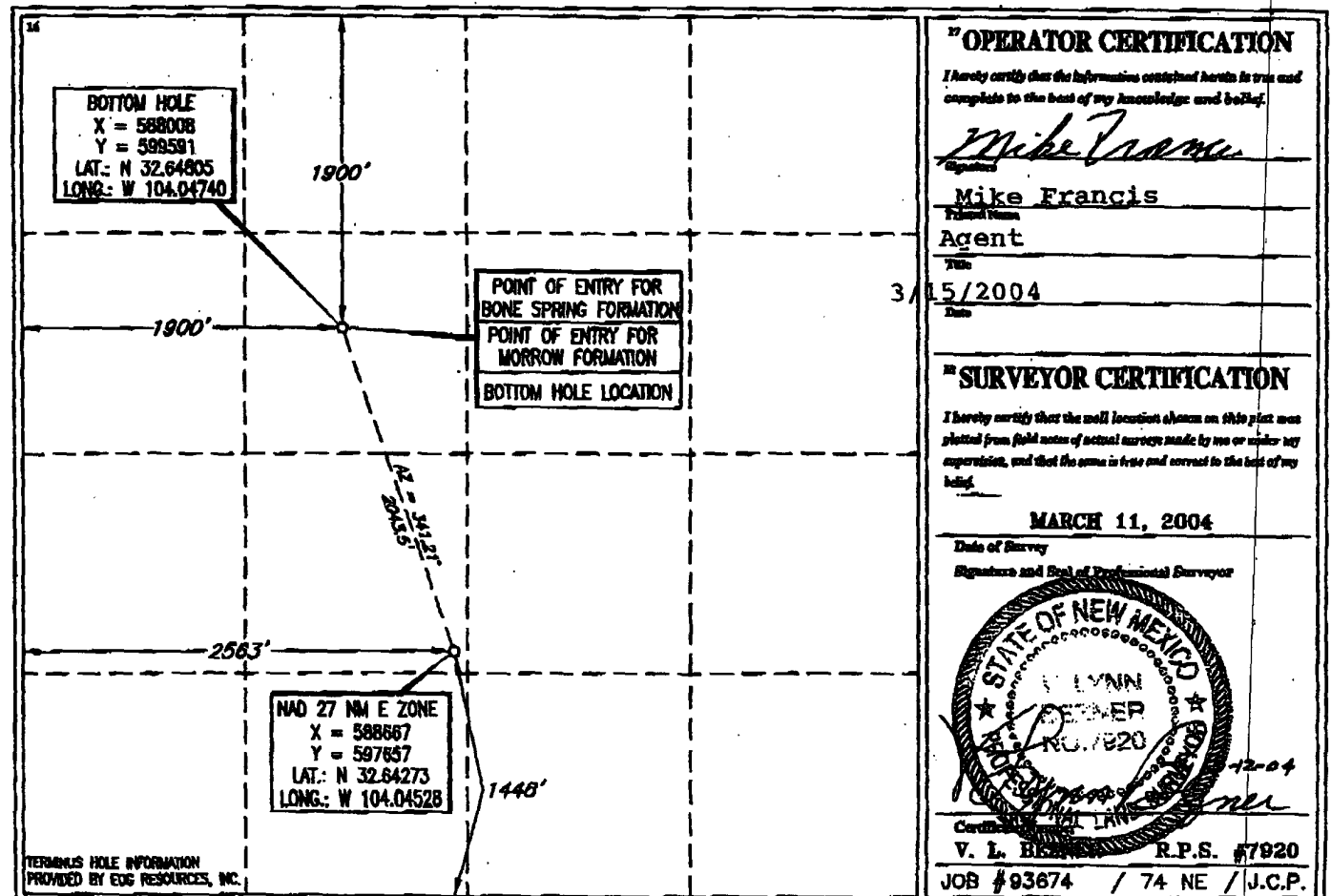
# Permit Conditions Of Approval

**Operator:** EOG RESOURCES INC , 7377

**Well:** Parkway "23" State Com #001

OCD Reviewer	Condition
BARRANT	Cement to surface on ALL casing strings and WOC 24 hours.
BARRANT	Notify OCD time of spud and time to witness the cementing of ALL oil, gas and water bearing zones. Casing Strings

**AMENDED REPORT**



## **INTREPID MINING LLC**

### **Carlsbad, New Mexico**

March 15, 2004

EOG Resources, Inc.  
P.O. Box 2267  
Midland, TX 79702

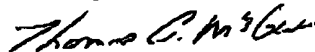
Attention: Mike Francis - ROW and Lease Operations Agent

Re: Parkway "23" State No. 1 Well  
1,448' FSL\* and 2,563' FWL  
Section 23, T-19-S. R-29-E  
Eddy County, New Mexico  
\* - (This reflects EOG's agreement to move 100'  
south of original submittal.)

Dear Mr. Francis:

Intrepid Mining NM LLC (formerly Mississippi Potash, Inc.) offers no objection to the drilling of the Parkway "23" State No. 1 Well, by EOG Resources Inc.

Sincerely,



Thomas A. McGuire  
Senior Mine Engineer

cc:

Oil Conservation Division  
Attention: Tim Gum - District Supervisor  
1301 W. Grand Avenue  
Artesia, NM 88210

P.O. Box 101 - 1996 Potash Mines Road - Carlsbad, New Mexico 88220  
Phone (505) 887 3814 - FAX (505) 887 0929



**EOG Resources, Inc.**  
P.O. Box 2267  
Midland, TX 79702  
(432) 686-3600

February 14, 2004

**RECEIVED**  
**FEB 24 2004**  
**OCD-ARTESIA**

New Mexico Oil Conservation District  
1301 West Grand Avenue  
Artesia, New Mexico 88210

Attention: Mr. Bryan Arrant

Re: H<sub>2</sub>S Contingency Plan  
Parkway "23" State Com No. 1 Well  
1,548' FSL and 2,563' FWL, Section 23,  
Township 19 South, Range 29 East,  
Eddy County, New Mexico

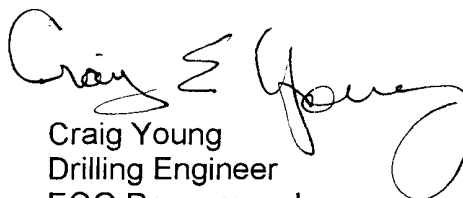
Gentlemen:

I have made a review of the wells drilled in the vicinity of the proposed well and I have found that no H<sub>2</sub>S has been reported in this area.

As such EOG Resources, Inc. requests a waiver for filing a H<sub>2</sub>S Contingency Plan for this well.

Very truly yours,

EOG RESOURCES, INC.

  
Craig Young  
Drilling Engineer  
EOG Resources, Inc.  
Midland, Texas

MF/pcl



**EOG Resources, Inc.**  
P.O. Box 2267  
Midland, TX 79702  
(432) 686-3600

**VIA FACSIMILE and MAIL**

March 8, 2004

New Mexico Oil Conservation Division  
Artesia District Office  
Attn: Mr. Bryan Arrant  
1301 W. Grand Avenue  
Artesia, New Mexico 88210

**RECEIVED**  
**MAR 10 2004**  
**OCD-ARTESIA**

Re: Parkway "23" State Com No. 1 Well  
N/2 of Section 23, T19S-R29E,  
Eddy County, New Mexico

Gentlemen:

EOG Resources, Inc. has previously filed its APD for the drilling of the Parkway "23" State Com No. 1 well, scheduled to be drilled to a total measured vertical depth of 11,885' to test the Morrow formation. EOG proposed to drill this well from a surface location of 1,548' FSL and 2,563' FWL of Section 23, targeting a bottom hole location in the Morrow formation of 1,900' FN&WL of Section 23.

The purpose of this letter is to advise your office that Mississippi Potash Inc. has agreed to waive any objection to EOG's surface location for the subject well, if the surface location for said well is moved 100' to the South. Accordingly, EOG will move the surface location for the subject well 100' to the South and will furnish your office with a revised C-102 reflecting same.

If you have any questions, please do not hesitate to contact the undersigned at (432) 686-3702 or Mr. Mike Francis at (432) 686-3714.

Very truly yours,

Mike Mullins  
Project Landman

xc: Mississippi Potash Inc.  
Attn: Mr. Tom McGuire  
P. O. Box 101  
Carlsbad, New Mexico 88220





**EOG Resources, Inc.**  
P.O. Box 2267  
Midland, TX 79702  
(432) 686-3600

February 14, 2004

New Mexico Oil Conservation District  
1301 West Grand Avenue  
Artesia, New Mexico 88210

Attention: Mr. Bryan Arrant

Re: Parkway "23" State Com No. 1 Well  
1,548' FSL and 2,563' FWL, Section 23,  
Township 19 South, Range 29 East,  
Eddy County, New Mexico

Gentlemen:

Enclosed herewith is a summary or casing, mud and cement for the  
referenced well

Please advise if further information is needed.

Very truly yours,

EOG Resources, Inc.

A handwritten signature in cursive script that reads "Mike Francis".

Mike Francis  
ROW and Lease Operations Agent

MF/pcl

Enclosure

**RECEIVED**

**FEB 18 2004**

**OCD-ARTESIA**

RECEIVED  
FEB 18 2014  
OCD-ARTESIA

**Parkway "23 SC No. 1**

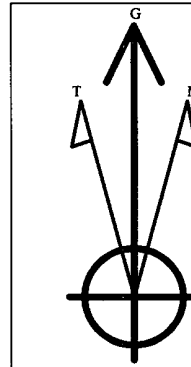
Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Casing Thread	MW @ TD	Top of Cement	Sacks of Cement	Mud System
360'	14 3/4"	11 3/4"	42#	H-40	STC	9.2 PPG	Surface	250	FW Native - FW Gel, Lime
3,300'	11"	8 5/8"	32#	J-55	LTC	10.2 PPG	Surface	500	Brine Water - Salt Gel if needed, Caustic for ph
12,200'	7 7/8"	5 1/2"	17#	HCP-110	LTC	10.4 PPG	Surface	1200	Cut Brine Water to 10,000' Cut Brine / XCD Polymer from 10,000' to TD PAC for fluid loss control Caustic for ph, Barite for additional weight

**eog resources inc**  
**Planning Report**

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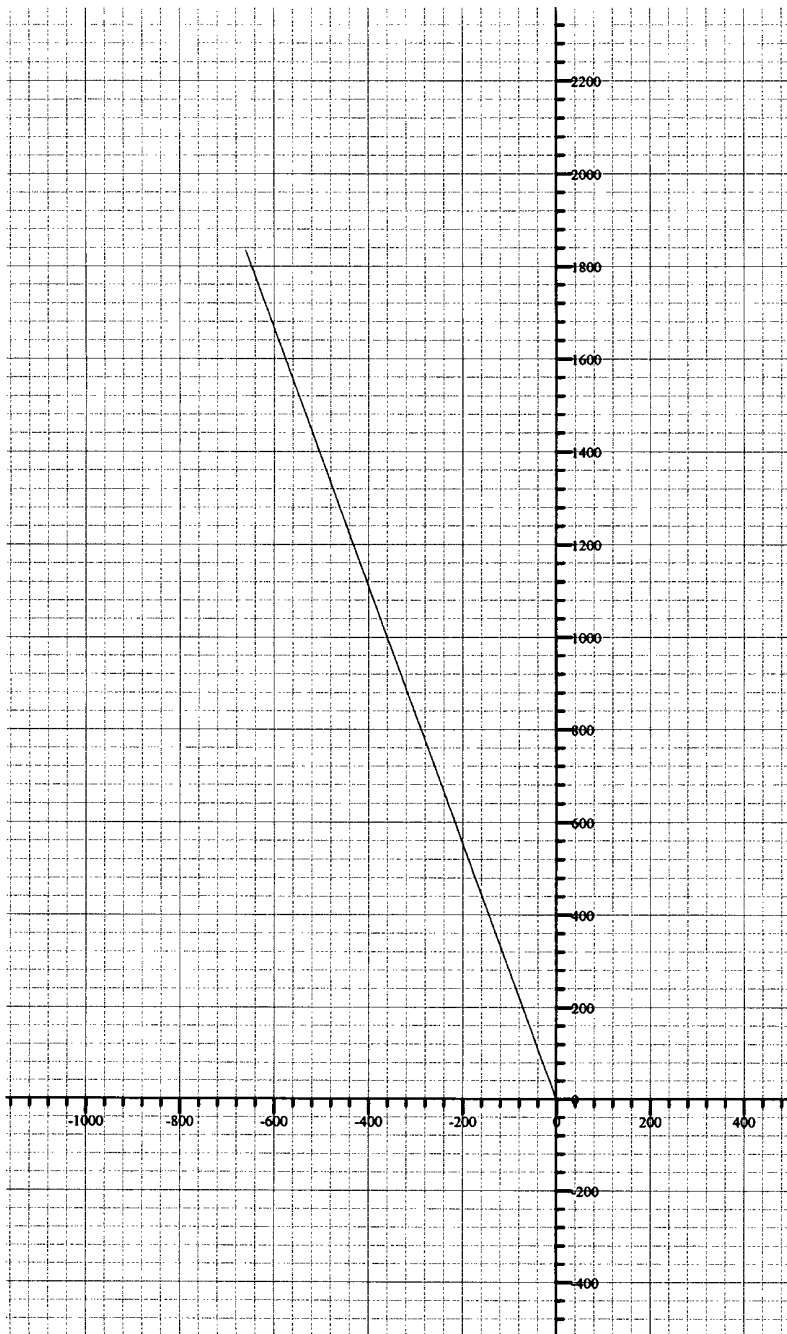


Field: Atoka/Morrow  
Site: Parkway "23" State Com #1  
Well: Parkway "23" State Com No. 1  
Wellpath: Original Openhole



Azimuths to Grid North  
True North:  $-0.16^\circ$   
Magnetic North:  $8.72^\circ$

Magnetic Field  
Strength: 49718nT  
Dip Angle:  $60.74^\circ$   
Date: 1/26/2004  
Model: igr2000

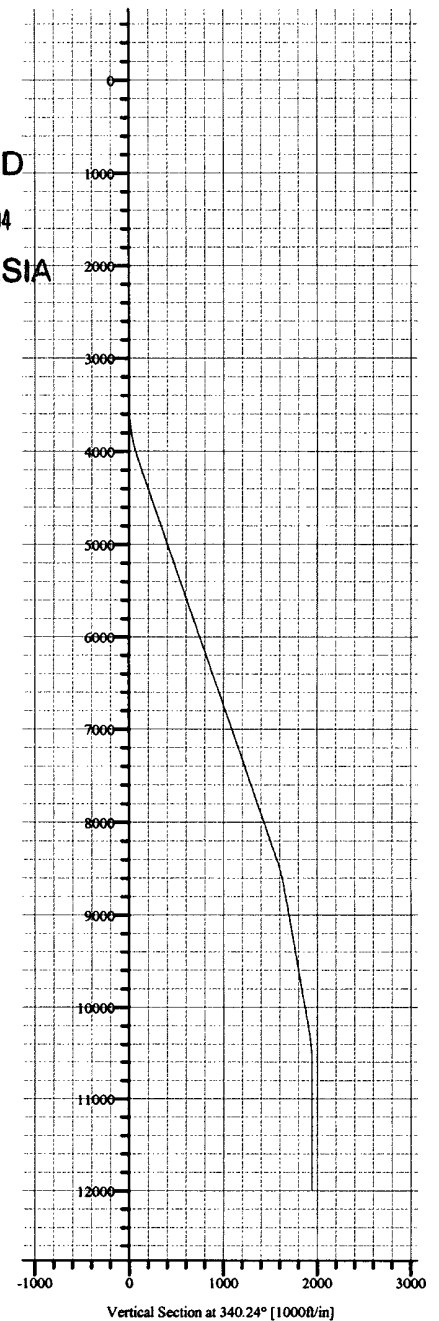


West(-)/East(+) [200ft/in]

RECEIVED  
FFR 1 8 7004  
OCD-ARTESIA

South(-)/North(+) [200ft/in]

True Vertical Depth [1000ft/in]



Vertical Section at  $340.24^\circ$  [1000ft/in]