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-1

APPLICATION FOR PERMIT TO DRILL

EOG RESOURCES	Operator Name and Address INC	OGRID Number 7377
PO Box 2267 Midland, TX 7970	2	API Number 30-015-33314
Property Code 33352	Property Name Parkway "23" State Com	Well No. 001

Surface Location

				Assessment (1990)	**************************************		·		······		***
	UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
	K	23	19S	29E	K	1448	S	2563	W	Eddy	11
1	1 :	1 .	1	1 '		l	i	Andreas and the court			

Bottom Holes

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

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

Proposed Casing and Cement Program

Туре	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

Туре	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

APD Form Page 2 of 2

I hereby certify that the information given above is true and	OIL CONSERVATION DIVISION Electronically Approved By: Bryan Arrant		
complete to the best of my knowledge and belief.			
Electronically Signed By: Stan Wagner	Title: Geologist		
Title: Regulatory Analyst	Approval Date: 03/20/2004 Expiration Date: 03/20/2005		
Date: 02/03/2004 Phone: 432-686-3689	Conditions of Approval: There are conditions. See Attached.		

District I
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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.
OGRID No. 7377	Operator Name EOG RESOURCES INC	Elevation 3305

Surface Location

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

Bottom Hole Location If Different From Surface

UL or Lot	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
	ed Acres 20	Joint or	Infill	Consoli	dation Code		Order 1	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.
 An	STRINGS

DISTRICT I	h Dr., Ho	bbs, NM	88240			State of	f New Mexico			_	Form C	
DISTRICT II		_	Energy, Minerals, and Natural Resources Department Revised August 15, 2 Submit to Appropriate District Off									
1301 W. Gran		Artesia,	NM 88	210			VATION D			State Let	950 - 4 cog	de
DISTRICT III		tec, NM	87410				h St. Francis			Fee Les	ase - 3 cer	×
DISTRICT IV					San	da Fe, I	vew Mexico 8	7505				
1220 S. St. Fr.	ancis Dr.,	Sauta Fe	-					<u> </u>		AMENDE	AD REPO	R'
	API Number		WE		ATION	AND A	CREAGE	DEDICATI	ON PLAT			
· .	THE COMMISSION			864		1	Trukey	y Track Ik				
Property	Code			<u> </u>	DARKE		erty Name	COM	· · · · · · · · · · · · · · · · · · ·	WE N		_
70GRID	No.	+			PARKW		3" STATE	COM		1 Bern	·	
7377					EOG	RESC	•	2298,				
					10	Surface	Location					_
VIL or let no.	Section	Towns	•	Res	\$	Lot Ida	Feet from the	North/South line	Feet from the	East/West New	County	 ,
K	23	19 50	HTUC	29 RAST,	N.M.P.M.	<u> </u>	1448'	SOUTH	2588′	WEST	EDDJ	ŗ
				11 Botto	m Hole Lo	cation I	f Different F		·			
UL er lot no. P	Section 23	19 S(-	29 PAST,	-	Lot lim	Feat from the 1900'	North/South Sine NORTH	Feet from the 1900'	East/West has WEST	County	
15 Desirated Acr		int or Infi		24 Constitution		25 Onder N	1	2102142	1300	WAD1	1 Sup 1	
320				<u> </u>		<u> </u>	<u> </u>	····				
X = Y = LAT.: N	OM HOLE 588008 599591 32,64805 7 104,0474		190	0'	BONE SPRI	ENTRY FO FORMATIO	TION R N	[].	I havely carely that the la	R CERTIFICA	to to re- and ballet	
TERMINUS HOLE II	NFOFBATION		X = Y = LAT.: N	NM E ZONE 588667 597657 32.64273 1 104.04528	1448'				MARO Data of Survey Regunture and State Of Survey	H 11, 2004 H 11, 2004 VNN PP 24	-12-04 -7920	

Fax: 915686365

Mar 15 2004 16:36

P. 03

1 505 987 0929 P.02/02

MAR-15-2004 14:16

MISSISSIPPI EAST

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, Thoma C. M. Ges

Thomas A. McGuire

Senior Mine Engineer

c¢:

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
FER 2:0 2004
OCD-ARTESIA

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

Attention: Mr. Bryan Arrant

Re: H₂S 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 H₂S has been reported in this area.

As such EOG Resources, Inc. requests a waiver for filing a H_2S Contingency Plan for this well.

Very truly yours.

EOG RESOURCES, INC.

Craig Young

Drilling Engineer

EOG Resources, Inc.

Midland, Texas

MF/pcl



VIA FACSIMILE and MAIL

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

March 8, 2004

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

MAR 1 0 7004
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 Mulhon

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.

RECEIVED

FER 1 8 2004

OCD-ARTESIA

EOG Resources, Inc.

Very truly yours,

Mike Trances
Mike Francis

ROW and Lease Operations Agent

MF/pcl

Enclosure

RECEIVED FEB 1 8 mm 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	
360' 3,300'	14 3/4" 11"	11 3/4" 8 5/8"	42# 32#	H-40 J-55	STC LTC	9.2 PPG 10.2 PPG	Surface Surface		FW Native - FW Gel, Lime 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		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**

Date: 2/12/2004 Time: 15:29:36 P. Co-prelinate(NE) Reference: Site: Parkway "23" State Com #1 Vertical (TVD) Reference: SITE 3326.0
Section (VS) Reference: Well (0.00N, 0.00E \$40.24Azii **EOG Resources** Atoka/Morrow Parkway "23" State Com #1 Parkway "23" State Com No. 1

Atoka/Morrow Field:

Map System: US State Plane Coordinate System 1927

Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level

Map Zone: Coordinate System: Geomagnetic Model: New Mexico, Eastern Zone

Site Centre igrf2000

Parkway "23" State Com #1 Site:

Site Position: From: Мар **Position Uncertainty:**

Ground Level:

Northing: Easting:

597757.00 ft 588667.00 ft

Latitude: Longitude: North Reference:

Slot Name:

Drilled From:

32 38 34.821 N 43.001 W 104 2

Grid Convergence:

Grid 0.16 deg

Well: Parkway "23" State Com No. 1

Well Position: +N/-S +E/-W **Position Uncertainty:**

0.00 ft Northing: 0.00 ft Easting: 0.00 ft

0.00 ft

3305.00 ft

597757.00 ft Latitude: 588667.00 ft Longitude: 32 38 34.821 N

104 2 43.001 W

Surface

Wellpath: Original Openhole

Current Datum: SITE 1/26/2004 **Magnetic Data:** Field Strength: 49718 nT

Height 3326.00 ft

Declination:

Tie-on Depth: 0.00 ft **Above System Datum:** Mean Sea Level 8.88 deg Mag Dip Angle: 60.74 deg Direction

FFR 1 8 7004 OCD-ARTESIA

RECEIVED

Vertical Section: +N/-S Depth From (TVD) +E/-W ft ft deg 0.00 0.00 0.00 340.24

Plan: Plan #1

Principal:

Date Composed: Version: Tied-to:

1/26/2004

From Surface

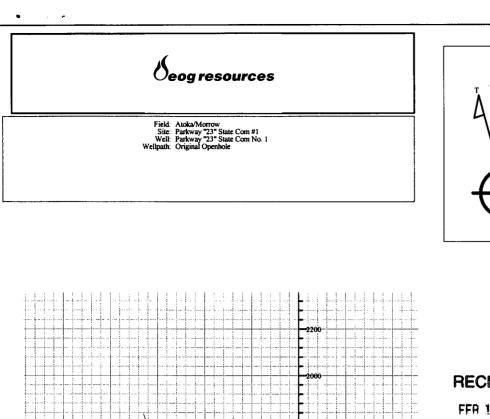
Plan Section Information

Yes

MD	Incl	Azim	TYD	+144-5	+E/-W	DLS	Boild	Turn	TFO	Target
fi fi	deg	deg	A	1	- 1 n. 3	deg/100f	t deg/100fl	deg/100	ft deg	
0.00	0.00	340.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ı
3500.00	0.00	340.24	3500.00	0.00	0.00	0.00	0.00	0.00	340.24	
4131.50	18.94	340.24	4120.05	97.36	-34.98	3.00	3.00	0.00	0.00	
8662.66	18.94	340.24	8405.77	1481.79	-532.44	0.00	0.00	0.00	0.00	
8966.74	9.82	340.24	8700.00	1552.80	-557.96	3.00	-3.00	0.00	180.00	Bone Springs
8968.61	9.77	340.24	8701.84	1553.10	-558.07	3.00	-3.00	0.00	-180.00	
10565.93	9.77	340.24	10276.02	1808.10	-649.69	0.00	0.00	0.00	0.00	
10891.49	0.00	0.00	10600.00	1834.15	-659.05	3.00	-3.00	0.00	180.00	Morrow
12291.49	0.00	0.00	12000.00	1834.15	-659.05	0.00	0.00	0.00	0.00	

Targets

Name Description	TVD Din ft	÷N/S	+2/-W	Map Northing of ft					Longitude Min Sec
Bone Springs -Plan hit target	8700.00	1552.80	-557.96	599309.67	588109.09	32	38 50.200	N 104	2 49.477 W
Morrow -Plan hit target	10600.00	1834.15	-659.05	599591.00	588008.00	32	38 52.987	N 104	2 50.650 W



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

