

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

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address EOG RESOURCES INC PO Box 2267 Midland, TX 79702		OGRID Number 7377
		API Number 30-025-36596
Property Code 33538	Property Name Straw Hat "6" 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
F	6	21S	33E	14	3819	S	1499	W	Lea

Proposed Pools

HAT MESA;MORROW (GAS) 78240

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3777
Multiple N	Proposed Depth 14500	Formation Morrow	Contractor	Spud Date 04/15/2004

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	61	1500	900	0
Int1	12.25	9.625	40	5600	600	0
Prod	8.75	5.5	17	14500	1800	0

Casing/Cement Program: Additional Comments

EOG Resources, Inc. requests a waiver from running a 7 intermediate casing string. Cement will be brought back to surface on a strings.

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: 02/10/2004	Phone: 432-686-3689

OIL CONSERVATION DIVISION	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 02/26/2004	Expiration Date: 02/26/2005
Conditions of Approval: No Conditions	

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

Form C-102

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36596	Pool Name HAT MESA;MORROW (GAS)	Pool Code 78240
Property Code 33538	Property Name Straw Hat "6" State	Well No. 001
OGRID No. 7377	Operator Name EOG RESOURCES INC	Elevation 3777

Surface And Bottom Hole Location

UL or Lot F	Section 6	Township 21S	Range 33E	Lot Idn 14	Feet From 3819	N/S Line S	Feet From 1499	E/W Line W	County Lea
Dedicated Acres 310.92		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: 02/10/2004

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.*

Electronically Signed By: V.L. Bezner

Date of Survey: 01/23/2003

Certificate Number: 7920

Permit Comments

Operator: EOG RESOURCES INC , 7377

Well: Straw Hat "6" State #001

User Name	Comment	Comment Date
DMULL	This well is located in the Potash Area. Did you notify the Potash leesees? Do you have a map showing the Potash leesees? Do you have waivers from the Potash leesees? These items are required before OCD can approve this intent to drill. Please submit hard copies.	2/10/2004
DMULL	Received notice from State Land Office and the BLM Office. Both state NO in LMR and Buffer Zone. Also received plat on the Potash lessees.	2/26/2004

GUIDELINES FOR PROCESSING APD FOR WELL IN POTASH AREA -- R-111-P

BLM approves federal wells in potash area so we do not have to worry about this.

STATE & FEE LEASES

Post to map and if within the potash area outlined on map or within 1 mile of that area do the following:

- 1) Make certain operator has filed a plat of the area showing the potash lessees for the area where the well is located as well as the 1-mile radius referred to.
- 2) Make certain operator has notified all of the potash lessees by certified mail of the APD. They must send copy of delivery notice to us since 20-day waiting period starts from delivery date.
- 3) Send letter to BLM and SLO advising them of this APD and request they advise if this location is within LMR or buffer zone.

BUFFER ZONE -- shallow well is 1/4 mile of LMR
-- deep well is 1/2 mile of LMR

- 4) If application is within LMR or buffer zone you must DENY it under R-111-P unless, there is a mutual agreement of lessor and lessees of oil & gas and potash interests. Copy of this agreement must be submitted with APD.
- 5) If application is outside LMR or buffer zone and no objection is received within 20 days from date of receipt by potash lessees of certified notice, the APD may be approved.

Api # 30-025-36596

CHECK LIST FOR PROCESSING APD IN POTASH AREA

OPERATOR: EDG Resources Inc

LEASE & WELL Straw Hat 6 State # 1-F <lot 14>

LOCATION 6-215-33e 3819/5 & 1499/W PROPOSED DEPTH 14500

DATE APD RECEIVED 2/10/04 WAS PLAT OF AREA ATTACHED Yes

WERE ALL POTASH LESSEES NOTIFIED BY CERTIFIED MAIL? _____

20-DAY WAITING PERIOD BEGINS _____ ENDS _____

WERE WAIVERS RECEIVED? _____

DATE SLO NOTIFIED 2/10/04 DATE REPLY RECEIVED 2/17/04

DATE BLM NOTIFIED 2/10/04 DATE REPLY RECEIVED 2/13/04

IS LOCATION INSIDE LMR OR BUFFER ZONE? YES _____ NO X

IF LOCATION INSIDE LMR OR BUFFER ZONE WAS LESSEE/LESSOR AGREEMENT FURNISHED _____

DATE APD APPROVED 2/26/04 DATE APD DENIED _____

FEB-10-04 TUE 02:50 PM

FAX:

PAGE 2



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

BUREAU OF LAND MANAGEMENT
P O Box 1778
Carlsbad, NM 88221

STATE LAND OFFICE
ATT: Joe Mraz
P O Box 1148
Santa Fe, NM 87504

RE: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

OPERATOR EOG Resources IncLEASE NAME Straw Hat 6 State #1-FPROPOSED LOCATION 6-215-33e 3819/s & 1499/wPROPOSED DEPTH 14,500'

Gentlemen:

The application for permit to drill identified above has been filled with this office of the New Mexico Oil Conservation Division. Pursuant to the provisions of Oil Conservation Division Order R - 111 - P, please advise this office whether the location is within an established Life-of-Mine-Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by the order.

Thank you for your assistance. Please return as soon as possible.

Very truly yours,

OIL CONSERVATION DIVISION

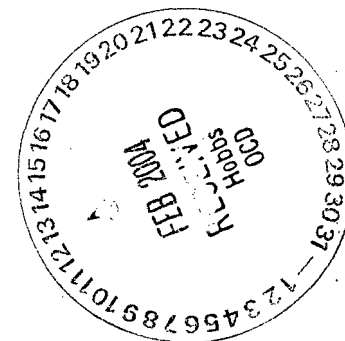
Chris Williams
Supervisor, District 1

RESPONSE:

The above-referenced location is in LMR -----Yes -----

No *

The above-referenced location is within the buffer zone -----Yes -----

No *Signed Chris WilliamsDate 2-11-04Representing BLM



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenberg

Director

Oil Conservation Division

BUREAU OF LAND MANAGEMENT
P O Box 1778
Carlsbad, NM 88221

STATE LAND OFFICE
ATT: Joe Mraz
P O Box 1148
Santa Fe, NM 87504

RE: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

OPERATOR EOG Resources Inc

LEASE NAME Straw Hat 6 State #1-F

PROPOSED LOCATION 6-21s-33e 3819/s & 1499/w

PROPOSED DEPTH 14,500'

Gentlemen:

The application for permit to drill identified above has been filled with this office of the New Mexico Oil Conservation Division. Pursuant to the provisions of Oil Conservation Division Order R - 111 - P, please advise this office whether the location is within an established Life-of-Mine-Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by the order.

Thank you for your assistance. Please return as soon as possible.

Very truly yours,

OIL CONSERVATION DIVISION

Chris Williams
Supervisor, District I

RESPONSE:

The above-referenced location is in LMR -----Yes _____

No X

The above-referenced location is within the buffer zone -----Yes _____

No X

Signed [Signature]

Date 2/11/04

Representing SLO



JAN
2-11-04

EOG Resources, Inc.
Straw Hat "6" State No. 1 Well
3,819' FSL and 1,499' FWL
Section 6, T-21-S, R-33-E,
Lea County, New Mexico
No current Potash Leases are in effect.

