

District I1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720**District II**811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720**District III**1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170**District IV**1220 S St Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3470 Fax (505) 476-3462**State of New Mexico**
Energy, Minerals and Natural Resources**Oil Conservation Division****1220 S. St Francis Dr.****Santa Fe, NM 87505**Form C-101
August 1, 2011Permit **140506****12/01/2011**
FT**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702		2. OGRID Number 7377
		3. API Number 30-015-39736
4. Property Code 38954	5. Property Name ROSS GULCH 8	6. Well No 003

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	8	26S	31E	K	2440	S	2440	W	EDDY

8. Pool Information

SWD;DELAWARE	96100
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Additional Well Information

9. Work Type New Well	10. Well Type SWD	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3261
14. Multiple N	15. Proposed Depth 9500	16. Formation Delaware	17. Contractor	18. Spud Date 1/1/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1415	900	0
Intl	12.25	9.625	40	4000	875	0
Prod	8.75	7	26	9500	600	3500

Casing/Cement Program: Additional Comments

	RECEIVED DEC 02 2011
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

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

I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OGD-approved plan ☐.

Printed Name:

Title:

Email Address:

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015- 39736	Pool Code 96100	Pool Name SWD; Delaware
Property Code 38954	Property Name ROSS GULCH "8"	Well Number 3
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3261.5'

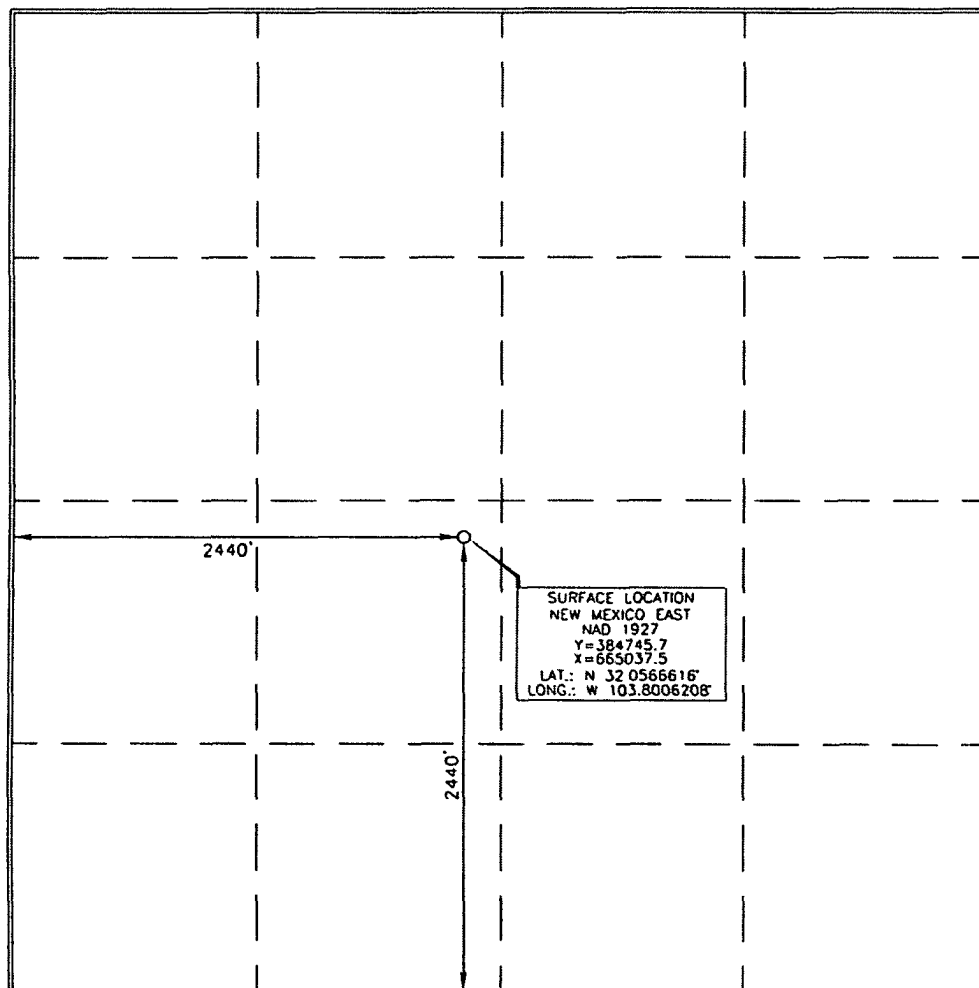
Surface Location

UL or lot no. K	Section 8	Township 26 SOUTH	Range 31 EAST, N.M.P.M.	Lot Idn	Feet from the 2440'	North/South line SOUTH	Feet from the 2440'	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill	Consolidation Code	Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stan Wagner 11/30/11
Signature Date

Stan Wagner

Printed Name

SURVEYOR CERTIFICATION

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

NOVEMBER 7, 2011
Date of Survey

Signature and Seal of Professional Surveyor

Henry J. Abel 11/16/2011
Certificate Number 15079

WO# 111107WL (KA)

Permit Information:

Well Name: Ross Gulch 8 No. 3

Location:

SL: 2,440' FSL & 2,440' FWL, Section 8, T-26-S, R-31-E, Eddy Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 – 1415'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4,000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
8.750"	0'-9,500'	7"	26#	HCL80	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1415'	600	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ surface)
	300	14.8	1.34	Tail: Class C + 0.005 pps Static Free + 2% CaCl ₂ + 0.25 pps CelloFlake + 0.005 gps FP-6L
4,000'	675	12.7	2.22	Class C + 2% SMS + 0.8% R-3 + 0.25 pps CelloFlake + 0.005 pps Static Free (TOC @ surface)
	200	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
9,500' TOC @ 3500'	200	10.8	3.675	60:40:0 Class 'C' + 15.00 lb/sk BA-90 + 4.00% MPA-5 + 3.00% SMS + 5.00% A-10 + 1.00% BA-10A + 0.80% ASA-301 + 2.50% R-21 + 8.00 lb/sk LCM-1
	225	11.8	2.380	50:50:10 Class 'H' + 0.80% FL-52A + 0.50% ASA-301 + 1.30% SMS + 2.00% Salt (2.224 lb/sk) + 0.70% R-21 + 3.00 lb/sk LCM-1 + 0.25 lb/sk Cello Flake
	175	14.2	1.277	50:50:2 Class 'H' + 0.65% FL-52 + 0.20% CD-32 + 0.15% SMS + 2.00% Salt (0.962 lb/sk) + 0.05% R-3

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1415'	Fresh - Gel	8.6-8.8	28-34	N/c
1415' – 4,000'	Brine	10.0-10.2	28-34	N/c
4,000' – 9,500'	Cut Brine	8.4 – 9.3	28-34	N/c

Ross Gulch 8 #3
Eddy County, New Mexico

2440' FSL
2440' FWL
Section 8
T-26-S, R-31-E

Proposed Wellbore

API: 30-015-

KB: 3291.5'
GL: 3261.5'

